

CARY STREET RECREATION COMPLEX AT VIRGINIA COMMONWEALTH UNIVERSITY

High Performance Venue for Recreation



Size: 158,000 SF

Budget: \$39,613,000

Bid: \$38,214,704

Est. Completion: April 2010

The Cary Street Recreation Complex project included renovating and constructing a state-of-the-art addition to the west side of the facility to serve as the permanent location and sole venue for recreational sports on the Monroe Park Campus. The new facility features a four-court gym, multi-activity court gym, three lane running track, climbing wall, aerobics/exercise rooms, racquetball courts, and a natatorium.

In order to create a recreational experience of the highest quality, the university is pursuing LEED certification for the new facility. Using the U.S. Green Building Council's LEED Green Building Rating System version 2.2 to guide design decisions, the project incorporated the following features into the building's design and construction:

- bike racks to encourage the use of alternative forms of transportation;
- an area of preserved space equal to the building footprint off-site;
- cisterns to collect rainwater for irrigation;
- dual-flush toilets, pint-flush urinals, and low-flow showers and faucets to reduce water use by approximately 38 percent;
- diversion of 90 percent of construction and demolition waste from landfills;
- recycled and regionally-manufactured materials;
- Forest Stewardship Council (FSC) certified wood doors and floors;
- indoor air quality management during construction;
- low-emitting (low-VOC) paints, coatings, carpet, and composite wood materials for better indoor air quality;
- carbon dioxide monitoring to help provide adequate ventilation;
- green cleaning and integrated pest management programs to reduce occupant exposure to hazardous chemicals; and
- a salt-sanitizing system to cleanse pool water instead of using liquid or solid chlorine.