

YOUNG-LAINE COURTS FACILITY ISLE OF WIGHT, VIRGINIA

Safe and Sound Innovation



*Size: 47,000 S.F.
Bid: To be determined
Est. Completion: March
2010*

This new courts facility will house the county's Circuit, Juvenile and Domestic Relations, and General District courts and clerks, as well as other related offices and programs. The county has elected to pursue Leadership in Energy and Environmental Design (LEED®) certification for the facility in order to realize energy and water savings and provide a safer and more comfortable environment. The following high performance and sustainable design strategies are being implemented into the design of this project.

- bicycle storage and preferred parking areas for HOV-2 carpools and vanpools, as well as alternative fuel and specified fuel-efficient vehicles;
- landscaping with native and drought-resistant vegetation, which reduces the need for irrigation;
- stormwater management strategies that will minimize the quantity, and improve the quality, of discharge to surrounding watershed;
- low-flow plumbing fixtures to reduce water use by 30 percent;
- reducing energy use by at least 14 percent through the selection of mechanical equipment, installation of an air barrier system building envelope, and the use of high-performance glazing and energy efficient interior lighting fixtures;
- 50 percent of construction waste diverted away from landfills by separating recyclable or salvageable materials;
- regionally-produced construction materials composed of recycled content;
- taking steps during and immediately after construction to promote good indoor air quality;
- low-emitting materials during construction, including carpet, adhesive and sealants, paints and coatings, and composite wood;
- additional lighting and controllability to building occupants; and
- interior finish materials that contain no or low levels of volatile organic compounds (VOC).