

# HUNTER B. ANDREWS PK-8 SCHOOL HAMPTON COUNTY, VIRGINIA

## New Standards For Hampton County Schools



*Size: 202,814 S.F.  
Budget: \$49,450,000  
Bid: \$33,636,514  
Completion: 2010*

Hunter B. Andrews PK-8 Schools accommodates 1,300 students and is complete with playing fields, gyms, dining halls, and art, music, science, technology and reading rooms. This high performance facility has been certified with the U.S. Green Building Council as a Leadership in Energy and Environmental Design (LEED®) Silver building. Notable green building features include:

- preserving open space beyond the minimum required by local ordinance;
- conveniently located bike racks and preferred parking for low-emitting, fuel efficient vehicles to alleviate automobile traffic and pollution;
- using a light colored, highly reflective metal roof to reduce urban “heat island” effects and help keep the building cool;
- reducing water use by over 900,000 gallons annually through low-flow plumbing fixtures and kitchen equipment;
- employing energy-efficient technologies, such as low-e glass, increased insulation, and motion detectors to turn off lights, to achieve a modeled savings of over 15 percent on energy bills;
- carefully selecting air-conditioning refrigerants to minimize damage to the ozone layer and reduce contributions to the greenhouse effect;
- recycling glass, plastics, metals, paper, and cardboard during school occupancy, combined with the recycling of over 62 percent of construction waste;
- installing wood doors, gym floor, and cabinetry components with Forest Stewardship Council (FSC) certification;
- including sensors for monitoring indoor air quality, to improve occupant comfort and reduce unnecessary energy use; and
- creating indoor air quality management plans to safeguard occupant health both during and after construction.

