Graham-Kapowsin High School

Graham, Washington

NAC|Architecture

Entire School/ Campus Building
New Construction

NAC|Architecture
2201 Sixth Ave., Suite 1405
Seattle, WA 98121
www.nacarchitecture.com
Guy J. Overman, AIA
(206) 441-4522

DESIGN TEAM
Gregory J. Stack, AIA, LEED
Principal-in-Charge
Guy J. Overman, AIA
Project Manager/Lead Designer
Steve Galey, AIA
Project Architect
Stephen McConnell, AIA
Project Architect
Hargis
Mechanical Engineer
NAC Electrical,
Electrical Engineer
Wick Constructors,
General Contractor

OWNER/CLIENT
Bethel School District No. 403
Spanaway, WA
Jim Hansen,
Director, Construction & Planning
(253) 683-6040

Type of School and Grades Served: High School, 10-12
Capacity: 1,395 students
Size of Site: 38.6 acres
Area of Building: 180,346 square feet
Volume of Building: 2.3 million cubic feet
Space per Student: 130 square feet
Cost per Student: $19,354
Square Foot Cost: $149
Construction Cost: $27 million
Total Project Cost: $42 million
Contract Date: October 2003
Completion Date: September 2005
Percent of Completion: 100%


MAIN ENTRY WITH NORTHWEST CHARACTER


COMMUNITY UNION GATHERING PLACE

The planning of Graham-Kapowsin, for grades 10 through 12, is organized around two perpendicular axes. With a focus on the body, the public west wing houses the athletic spaces, special education, food service, food/nutrition classrooms, and the weight room. The private north wing emphasizes the mind with flex houses for integrated learning, science, and music; applied science learning centers; and the lecture/performance auditorium. A fourth, two-story flex house is planned for this wing in the future.

These two axes intersect at the "community union," which contains an administration and counseling center on the first floor at the main entry, and the library on the upper floor. This central zone offers a connection to, and services for, the community with a computer room as a public resource, a career center, and the student commons with a full view of Mount Rainier.

The site planning focused on the separation of staff, student, and bus parking while creating secure, well-lighted entrances and stairwells for the users.

The building features a four-pipe variable air volume mechanical system with EMS control; steel frame, concrete composite deck floors; masonry veneer and metal siding with reflective single-ply membrane roof. ■


LIBRARY WITH EXPANSIVE VIEWS

Photos: Top Left, & Bottom, Ben Benschneider; Top Right, NAC Architecture