



School Community Center/Joint Use Facilities

New Construction

DLR GROUP

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DESIGN TEAM

DLR Group
Architecture, Design,
Interior Design
Babbit Neuman Construction
Company, Contractor
Hill International Inc.,
Project Manager
DLR Group, Mechanical,
Electrical, Structural Engineering
Saez Consulting,
Civil Engineering
Aspen Design,
Landscape Architect
JLR Design, Kitchen Design
Consultant

OWNER/CLIENT

Steilacoom Historical School
District No. 1
DuPont, WA
Dr. Arthur Himmler
253/983-2400
Type of School
and Grades Served:
Middle School, 6-8
Capacity: 850 students
Size of Site: 20 acres
Area of Building:
108,000 square feet
Volume of Building:
2 million cubic feet
Space per Student:
127 square feet
Cost per Student: \$27,190
Square Foot Cost: \$230
Cost of Construction: \$23 million
Total Project Cost: \$34.8 million
Contract Date: May 2005
Completion Date: Sept. 2008
Percent of Completion: 100%

MIDDLE & INTERMEDIATE SCHOOLS

Pioneer Middle School

DuPont, Washington

DLR Group



MAIN ENTRY TOUCH SCREEN



INSIDE THE TREE OF KNOWLEDGE

Pioneer Middle School is unique in its total focus on environmental stewardship, from its voluntary involvement with a Washington State LEED Silver equivalency program, to the incorporation of design and instructional elements that enhance the environmental education in its curriculum.

The design is based on a holistic vision centered on body, mind, and spirit. The cafeteria (spirit), library (mind), and fitness center (body) border the building's spine and reflect all aspects of adolescent development.

The building is positioned on its site to preserve and highlight Washington's oldest grove of Garry oaks and its savanna ecosystem. These unique and protected trees inspired the design of the library, which hovers above



EDIBLE STUDENT & COMMUNITY GARDEN

the commons like a tree house. A comprehensive energy-management system monitors and controls resource consumption, while a touch screen allows users to examine seasonal effects and their own conservation efforts. Interior and exterior signage demonstrates how the design reduced its environmental impact and how

users can further incorporate sustainable practices.

Over one-third of the building is programmed for public use, with community space to the east and teaching to the west. Building and site-engineering systems and sustainable materials collaboratively express the mission of inspiring global citizenship. ■

PHOTOS: CHRIS J. ROBERTS PHOTOGRAPHY