

2012 Exhibition of School Planning and Architecture

Vashon Island High School

Vashon, Washington
K-12 Facility
Design Concept Award
Integrus Architecture

Vashon Island High School



Whole Foods Fundraiser

Community Environment

Vashon High School supports the District Whole Foods Program. As a result of community outreach on the part of the school district, this program represents the community's desire to improve the quality of food served at all schools. In partnership with the Experience Food Project, this program ensures that school meals include fresh ingredients and are prepared in the central kitchen at Vashon HS.

Design of a new theater provided an opportunity to involve community groups in the planning and design process. The new theater will represent this community input and will continue to serve as a community asset.



Local Resources

Community Environment

Vashon High School invests in the local community through Local Contractor Outreach Program. The GCCM contractor held several meetings for small contractors to support their ability to compete for work opportunities on the project. This program improved overall transparency and community involvement in the construction process.

Vashon High School supports local industry by incorporating wood from on-site and from island forest product suppliers. These opportunities were made available through the outreach efforts of the project team.



Study Commons

Learning Environment

Unique Features of the Vashon HS Learning Environment:

Study Commons – changing technology and curriculum models suggest the need to rethink the role of the traditional library in educational facilities. At Vashon HS, this rethinking led to breaking the library apart into multiple spaces that can support a variety of learning activities. Research and quiet study take place within the library space proper. Collaboration and meetings ranging in size from small groups to multiple classroom size are accommodated in a flexible Study Commons. The Study Commons makes the culture of learning central to the identity of the school.



Structural System Promotes Flexibility

Learning Environment

Spatial Flexibility – structural systems are designed to maximize the flexibility of interior partitions, ensuring adaptable classroom and lab arrangements.

Transparency between learning spaces promotes collaboration and a culture of shared work.



Sustainable Building Systems

Physical Environment

Sustainable Strategies:

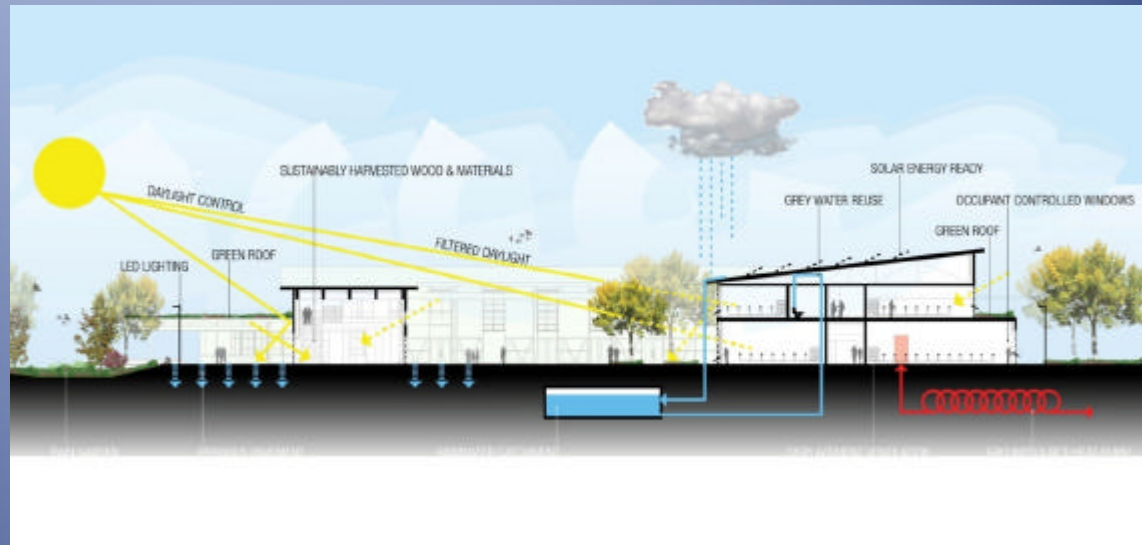
Water is treated in rain gardens before being returned to the watershed.

Rainwater Harvesting supports water conservation.

Plumbing fixtures use grey water.

Air-to-water heat pumps, ground source geothermal heat, and photovoltaics reduce reliance on fossil fuels.

Heat loss is minimized with an advanced building envelope design and heat reclamation from building exhaust.



Site Porosity

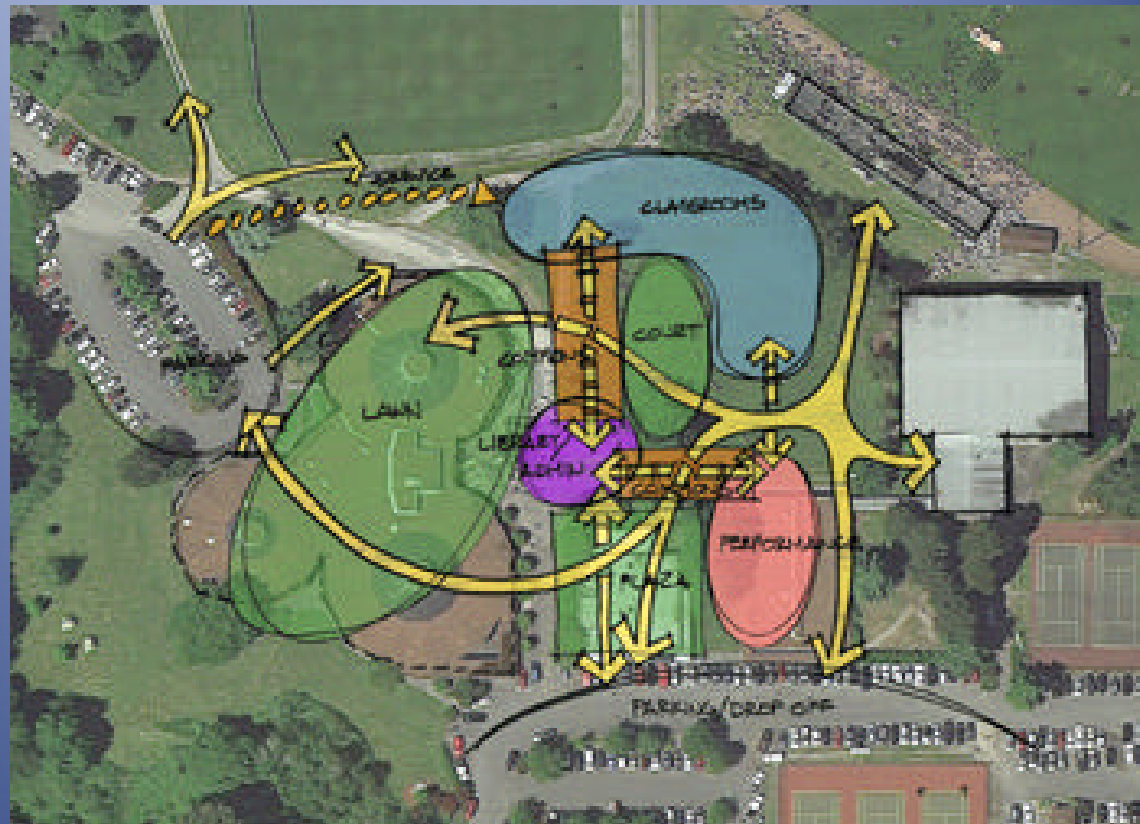
Physical Environment

Porosity – connectivity, transparency, and access between indoors and outdoors reflects the well established culture of the Vashon Island community.

This quality is a defining feature of the new school, with its overlapping fabric of indoor and outdoor spaces.

A porous campus invites connections and inspires teamwork and creativity.

The great lawn serves to connect the school to the community and provides a space for community gatherings.



Community Outreach

Planning Process

Local experts were engaged in focus groups and helped shape goals for the project.

Focus Areas:

Technology – local experts help identify appropriate, cost-effective technology for the educational setting.

Theater - local theater groups participate in the planning of the new theater as a community resource.



Student Participation

Planning Process

Student participation was an essential ingredient in the planning process. Students interacted with the design team using Facebook to share their observations about the existing school and to evaluate alternatives presented by the design team.



Exhibition of School Planning and Architecture

Project Data

Submitting Firm :	
Project Role	Prime Architect
Project Contact	David Van Galen
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Address	117 South Main Street #100
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Joint Partner Firm:	
Project Role	n/a
Project Contact	
Title	
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Other Firm:	
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Project Contact	
Title	
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City, State or Province, Country	
Phone	

Construction Firm:	
Project Role	Skanska, USA
Project Contact	Dan Curtiss
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Address	221 Yale Avenue North, Suite 400
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Phone	206.726.8000

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Project Details

Project Name	Vashon Island High School
City	Vashon Island
State	Washington
District Name	Vashon Island School District
Supt/President	Michael Soltman, Superintendent
Occupancy Date	Fall 2014
Grades Housed	9-12
Capacity(Students)	550
Site Size (acres)	51 acres
Gross Area (sq. ft.)	78,500
Per Occupant(pupil)	209sf per pupil
gross/net please indicate	gross: 109,585 sf / net: 84,660 sf
Design and Build?	GCCM
If yes, Total Cost:	
Includes:	
If no,	
Site Development:	\$5 Million
Building Construction:	\$22 Million
Fixed Equipment:	(included in building construction)
Other:	
Total:	\$27 Million