

2012 Exhibition of School Planning and Architecture

Monroe Elementary

Everett, Washington
Project of Distinction Award- New Construction
Elementary School
Dykeman, Inc.

Monroe Elementary



Community Resource

Community Environment:

Monroe Elementary School was designed to replace an existing active school community located in an established suburban Everett neighborhood. The solution required the existing school to remain occupied throughout construction. So as to minimize the project's effect on the surrounding neighborhood. The building was built on the existing property maintaining and utilizing the established landscape buffers and playfields as a part of a new site design. The building was designed using brick and precast concrete to preserve the scale and character of the surrounding neighborhood. Ample parking and vehicular circulation were provided inviting community use, ease of access, and student safety.



Community Use

Community Environment:

The design allows for community use and access for the cafeteria/stage, gymnasium, library and computer rooms.



“Breakout” Spaces

Learning Environment:

Monroe Elementary is organized around three learning pods on (2) levels. Each pod consists of four classrooms surrounding a “breakout” space. The breakout spaces are common spaces that allow students to break into smaller groups for instruction or special projects. Innovative and progressive learning programs with changing educational delivery can easily be accommodated with operable partitions in each classroom allowing for team teaching, flexible class sizes and multi-use spaces sized as classrooms.



Outdoor Classrooms

Learning Environment:

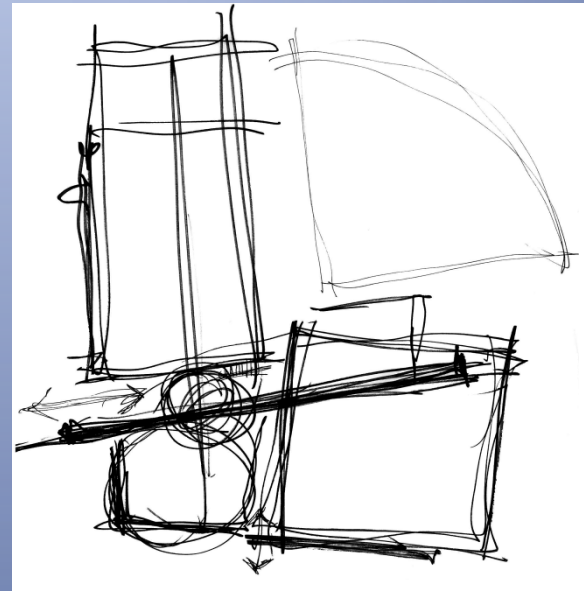
The exterior landscape design provides two outdoor classrooms, incorporating the site into the curriculum. Outdoor benches and waist-high table ledges can be used by students to prop their books and take notes during outdoor science studies where nature is the laboratory.



Design Concept

Physical Environment :

The building design is organized along two main circulation corridors anchored by the school administration offices at the southwest corner. The nexus of the two circulation axis is articulated by a 2 1/2 story entry vestibule.



Design Concept

Physical Environment :

The main entry axis is emphasized with a continuous ground face cmu wall and main staircase that serves to orient the students, teachers, and visitors.

Exposed heavy timber clerestories are provided at the breakout spaces and entry providing daylight and material consistent with the Northwest environment. All systems mechanical, electrical, and structural are left exposed creating an opportunity as a passive and active teaching tool.

Monroe Elementary School is the first school in the Northwest to be entirely lit with LED lighting.



Design Resolution

Planning Process:

The site presented many challenges most notably the existing fully occupied school was required to remain operational during construction of the new school on the existing suburban site. The final solution created a new 'L' shaped brick building that reinforced the edges and scale of the surrounding neighborhood and while allowing all of the classrooms, library and offices natural light ventilation. The project was phased allowing the existing school to function throughout construction.



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Project Data

Submitting Firm :	Dykeman, Inc.
Project Role	Architect
Project Contact	Tim Twietmeyer
Title	AIA, Project Manager
Address	1716 West Marine View Drive
City, State or Province, Country	Everett, Washington, USA
Phone	425-259-3161

Joint Partner Firm:	
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	

Other Firm:	
Project Role	
Project Contact	
Title	
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Construction Firm:	Spee West Construction
Project Role	General Contractor
Project Contact	Kris Weholt
Title	Project Manager
Address	307 Bell St. #101
City, State or Province, Country	Edmonds, Washington, USA
Phone	206-605-3743

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Project Details

Project Name	Monroe Elementary School
City	Everett
State	Washington
District Name	Everett School District
Supt/President	Dr. Gary Cohn
Occupancy Date	January 2012
Grades Housed	K-5
Capacity(Students)	566
Site Size (acres)	9.2 acres
Gross Area (sq. ft.)	68,324 s.f.
Per Occupant(pupil)	120 s.f.
gross/net please indicate	68,324/64,907
Design and Build?	No
If yes, Total Cost:	
Includes:	
If no,	
Site Development:	\$1.9 million
Building Construction:	\$3.98 million
Fixed Equipment:	\$280,000.00
Other:	
Total:	\$16.16 million

Supporting/Supplemental files/Images



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