

2013 Exhibition of School Planning and Architecture

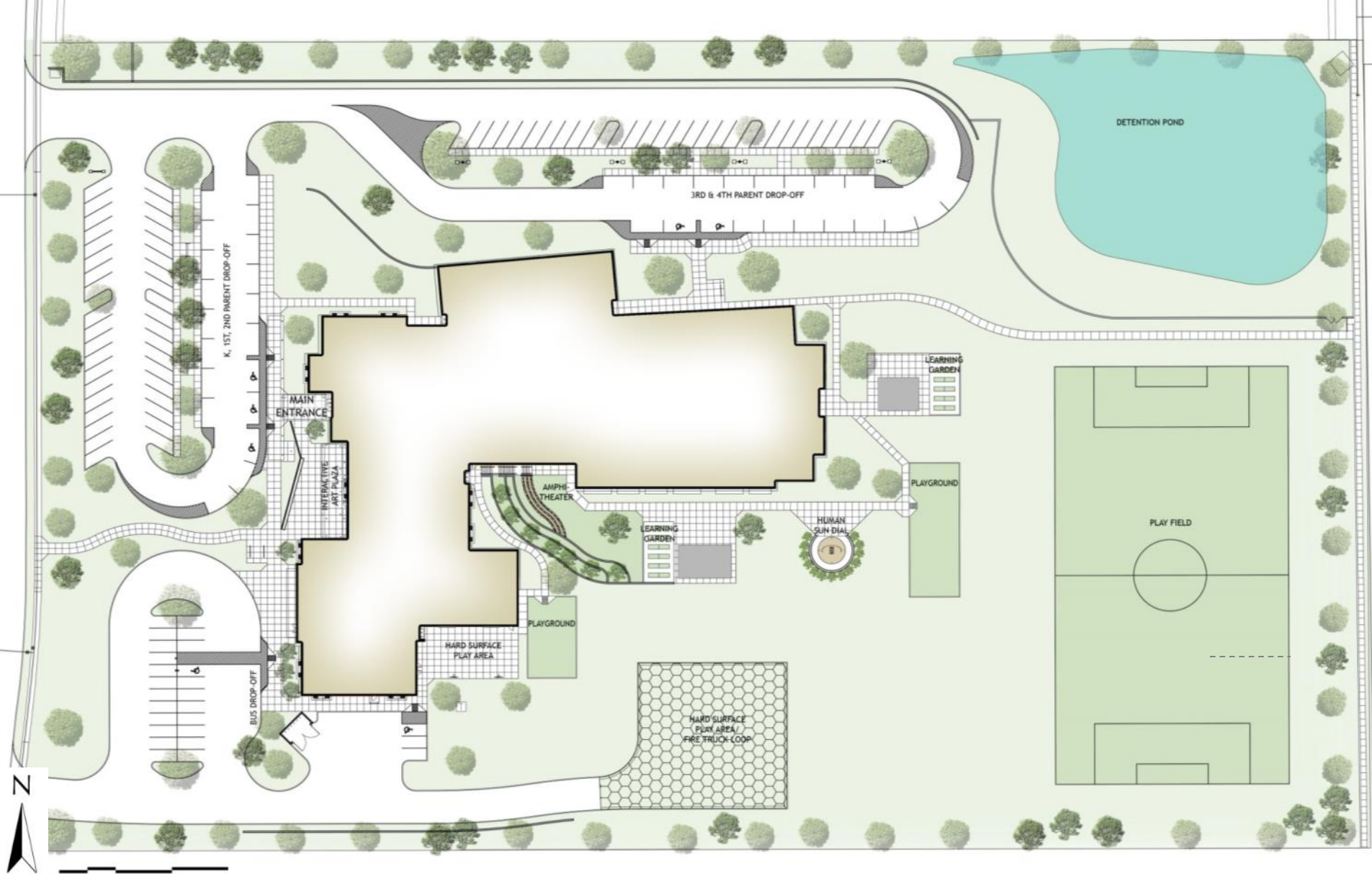
Indianapolis, Indiana

Ridgeview Elementary



Ridgeview Elementary

Advancing Educational Typology: Designing for the 21st Century Learner



Ridgeview Elementary

Site Plan

"...Our real hope is that ultimately, we create an environment where kids are in control of their learning."

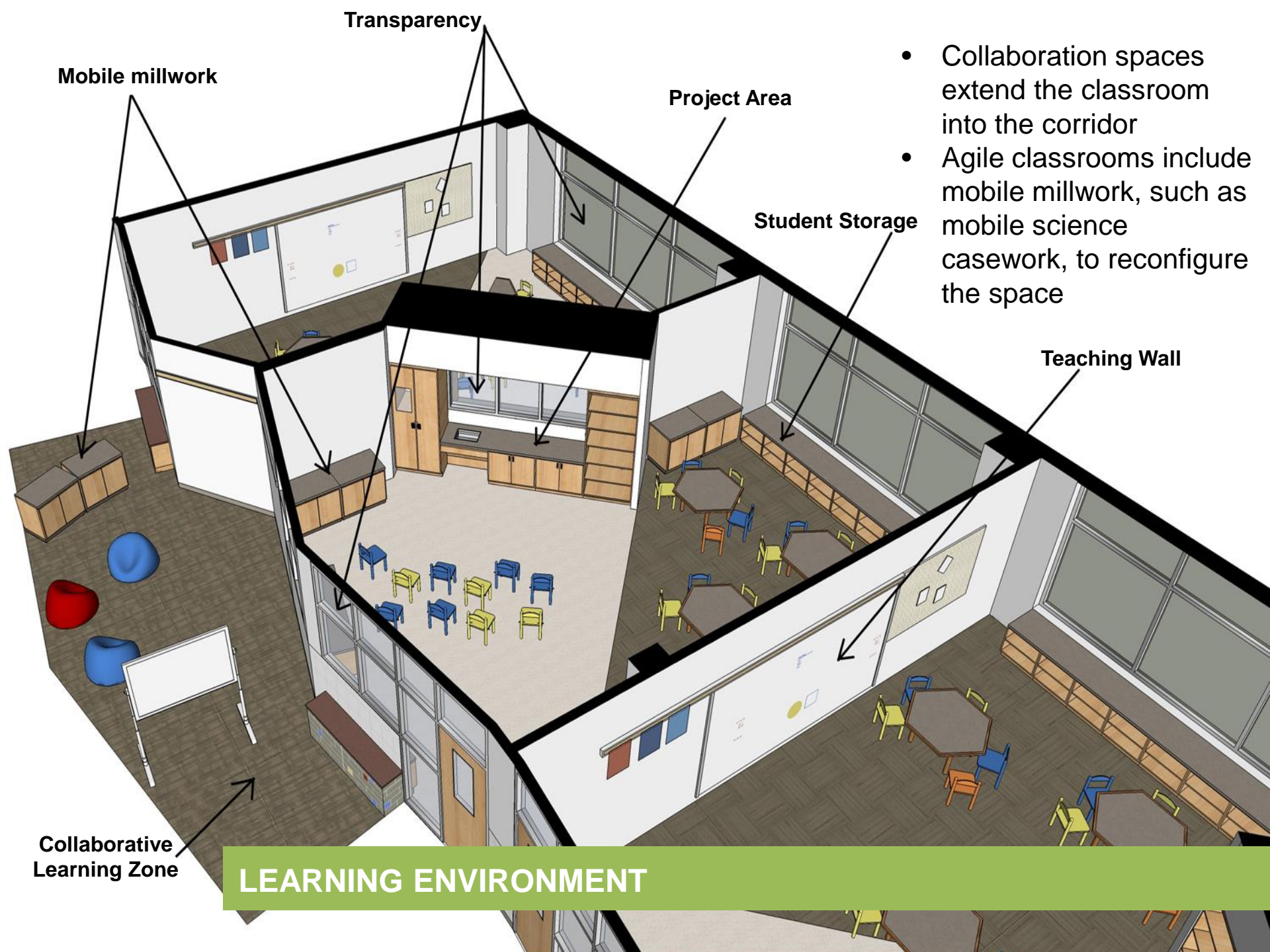
- Superintendent

Creating a Culture of Collaboration

The concepts of teamwork and collaboration were central to the design of this elementary school. Even during the design process, members of the community, teachers, administrators and parents were called on to evaluate the building's design and impact to the surrounding community, and to make sure the educational goals were being met.



COMMUNITY ENVIRONMENT



Transparency

Mobile millwork

Project Area

Student Storage

Teaching Wall

- Collaboration spaces extend the classroom into the corridor
- Agile classrooms include mobile millwork, such as mobile science casework, to reconfigure the space

Collaborative Learning Zone

LEARNING ENVIRONMENT



LEARNING ENVIRONMENT



“...Our students freely flow into and out of the library...we opened the doors and created the library as the active space for learning as opposed to the quiet space for reading.”

-Superintendent



LEARNING ENVIRONMENT

“...Corridors can take up to 40% of a building’s space.

What if you gave that space back
as useable learning spaces?...”

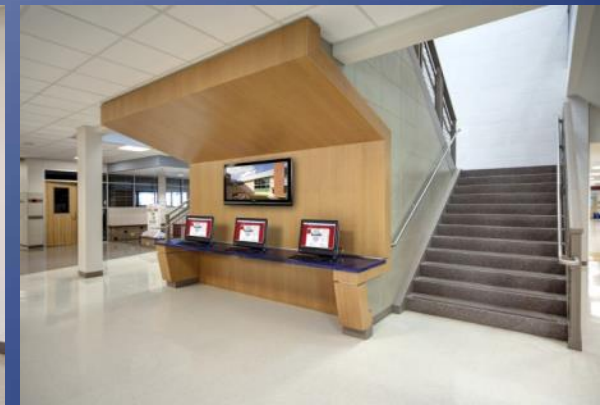
- Prakash Nair



LEARNING ENVIRONMENT



- The District embraced the use of current technology, with interactive projectors and iPads available as learning tools
- Teachers also have a space in which they can collaborate
- Student work is displayed prominently



LEARNING ENVIRONMENT



PHYSICAL ENVIRONMENT



- 30 kw/h peak photovoltaic array
- Geothermal HVAC system
- Detention pond/water efficient landscaping
- Reflective roof surface
- Fire lane is a permeable grass paver surface
- 73% recycled wood material
- 52% regional materials
- 32% site/building material recycled during construction
- 45% water use reduction



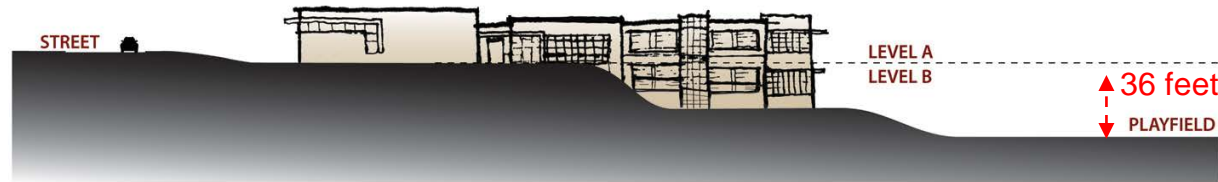
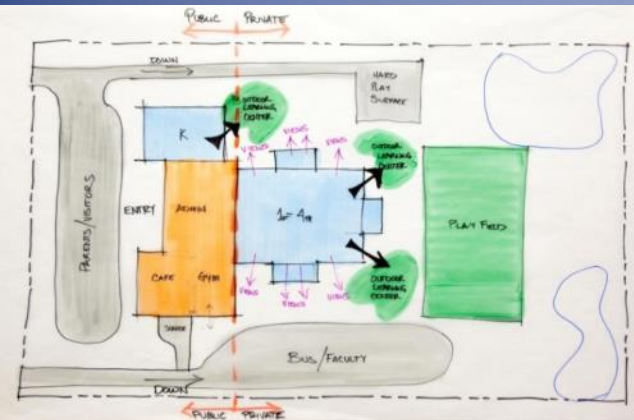
LEED Certified



PHYSICAL ENVIRONMENT



PROTOTYPE PLAN



PROPOSED PLAN

- Originally slated to be a prototype school; the topography of the site warranted a new design
- Maintained the same schedule and budget as provided for designing the prototype
- Designers and administrators worked together to create a 21st Century School
- Continuous Improvement Evaluation Group reviewed design and provided different perspectives to assure that all goals were met
 - Comprised of teachers, administrators, board members and community members



PLANNING PROCESS



FLOOR PLANS

Architectural Exhibit

Project Data

Submitting Firm :	VLK Architects
Project Role	Architecture, Interior Design
Project Contact	Kristen Allbritton
Title	Marketing Coordinator
Address	2821 West 7 th Street, Suite 300
City, State	Fort Worth, Texas
Phone	817/633-1600

Joint Partner Firm:	N/A
Project Role	
Project Contact	
Title	
Address	
City, State	
Phone	

Construction Firm:	Steele & Freeman, Inc.
Project Role	Construction Manager
Project Contact	Scott DePauw
Title	Project Manager
Address	1301 Lawson Road
City, State	Fort Worth, Texas
Phone	817/232-4742

Exhibition of School Planning and Architecture

Project Details

Project Name	Ridgeview Elementary School
City	Keller
State	Texas
District Name	Keller Independent School District
Occupancy Date	August 17, 2011
Grades Housed	Kindergarten – 4 th Grade
Site Size (acres)	13.189
Gross Area (sq. ft.)	94,769
Per Occupant(pupil)	126 sq. ft.
gross/net	94,769sf / 64,466 sf = 1.47 (66% efficiency)
Design and Build?	No
If yes, Total Cost:	
Includes:	
If no,	
Site Development:	\$2,411,717
Building Construction:	\$13,112,366
Fixed Equipment:	Est. \$1 million (owner provided)
Other:	
Total:	\$15,485,096







