

2012 Exhibition of School Planning and Architecture

CIBOLO GREEN ELEMENTARY SCHOOL

San Antonio, Texas
Elementary School
Project of Distinction– New Construction

The logo for pfluger, featuring the word "pfluger" in a bold, lowercase, sans-serif font. The letters are dark red and are set against a white rectangular background.

CIBOLO GREEN ELEMENTARY SCHOOL



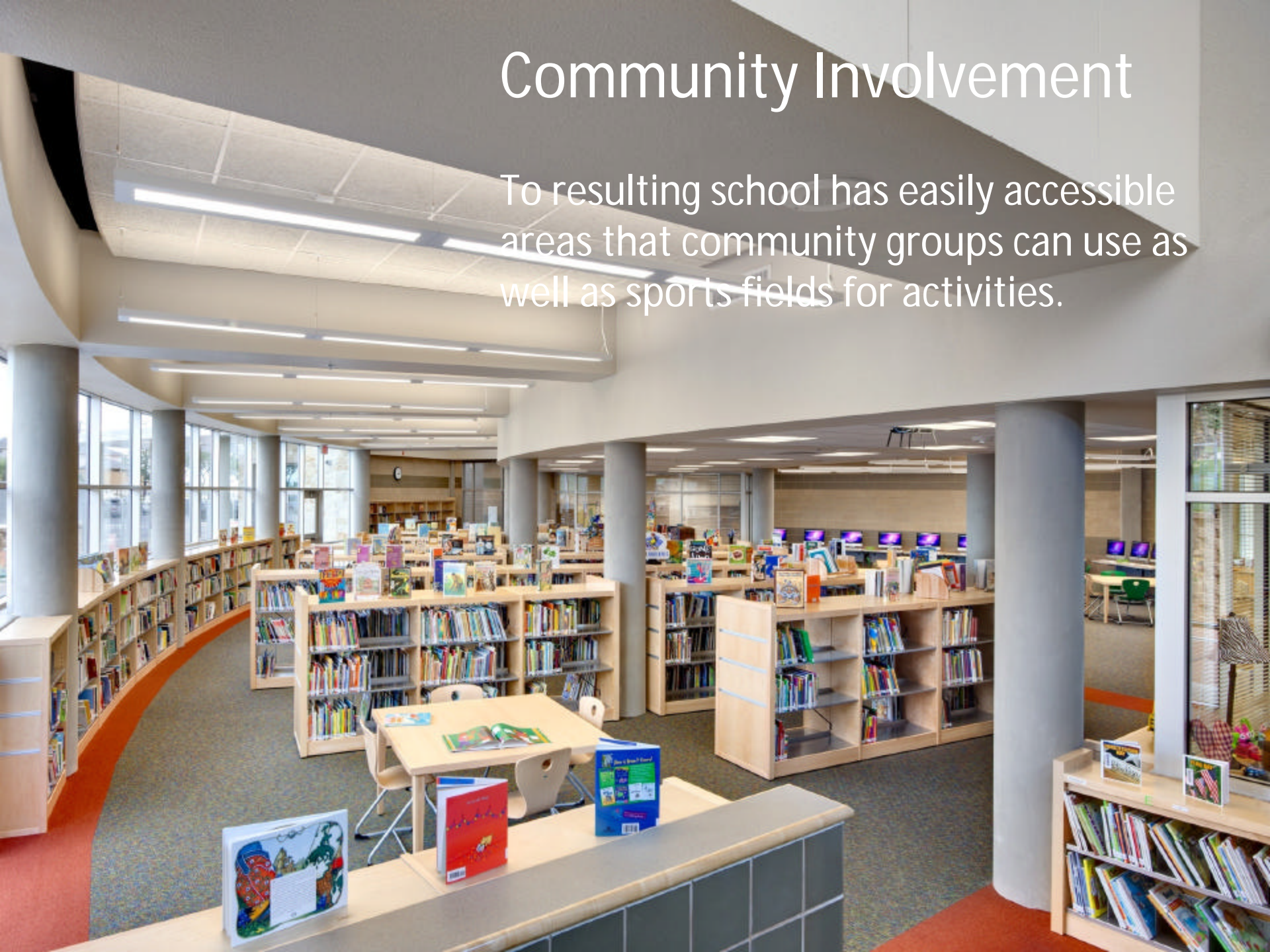
Community Involvement

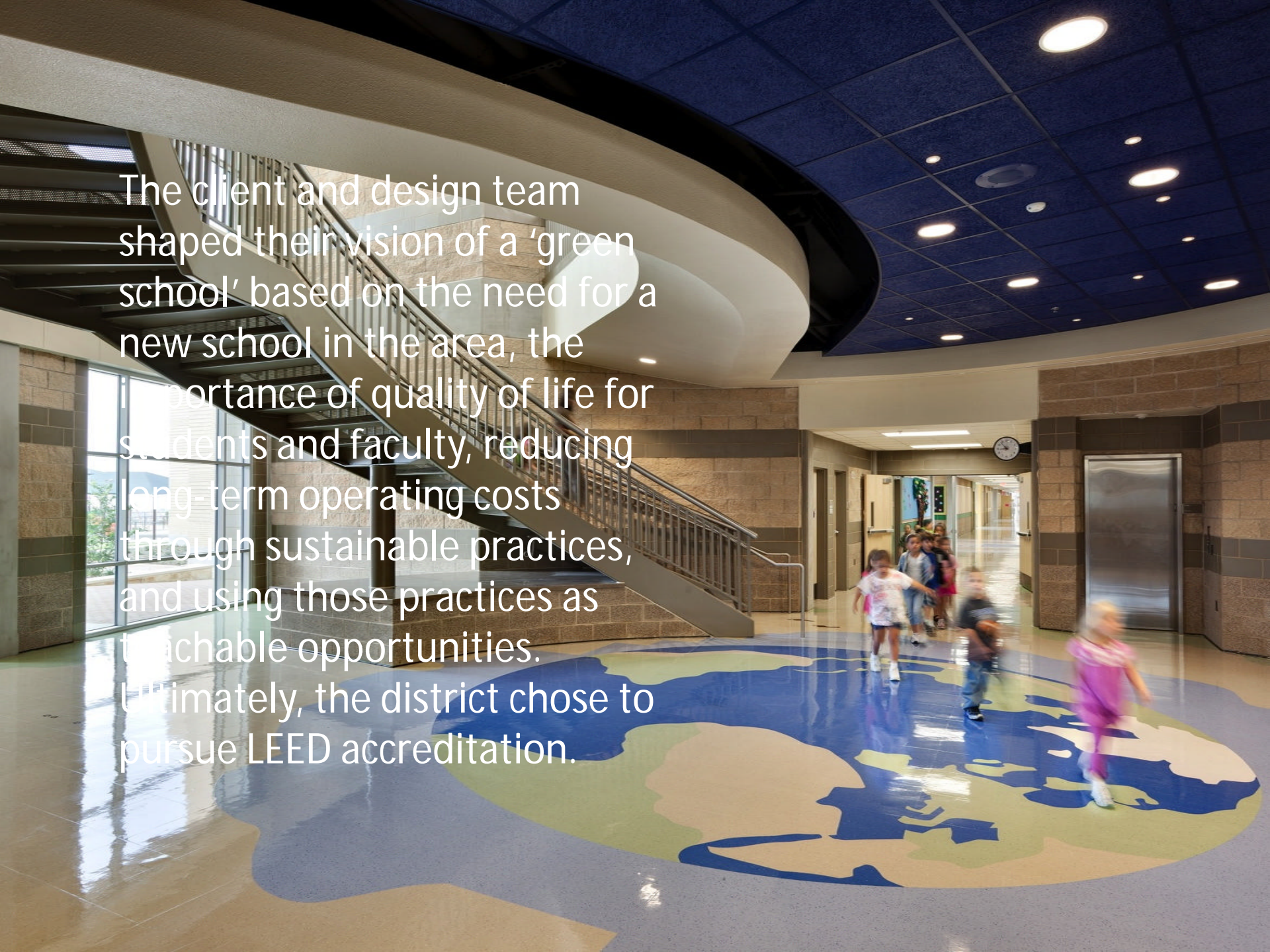
Cibolo Green Elementary School is located in a growing residential area with increasing development. The district's plan was for the school to be convenient for neighborhood children as well as serve as an outlet for community organizations.



Community Involvement

To resulting school has easily accessible areas that community groups can use as well as sports fields for activities.



The image shows a bright, modern school interior. On the left, a curved staircase with a metal railing leads up. The floor is polished and features a large, colorful graphic of the Earth's continents in blue, green, and tan. Several children are running across the hallway, their figures slightly blurred to convey motion. The walls are made of light-colored stone or brick, and the ceiling is dark blue with recessed circular lights. Large windows on the left side provide natural light and a view of the outdoors.

The client and design team shaped their vision of a 'green school' based on the need for a new school in the area, the importance of quality of life for students and faculty, reducing long-term operating costs through sustainable practices, and using those practices as teachable opportunities. Ultimately, the district chose to pursue LEED accreditation.

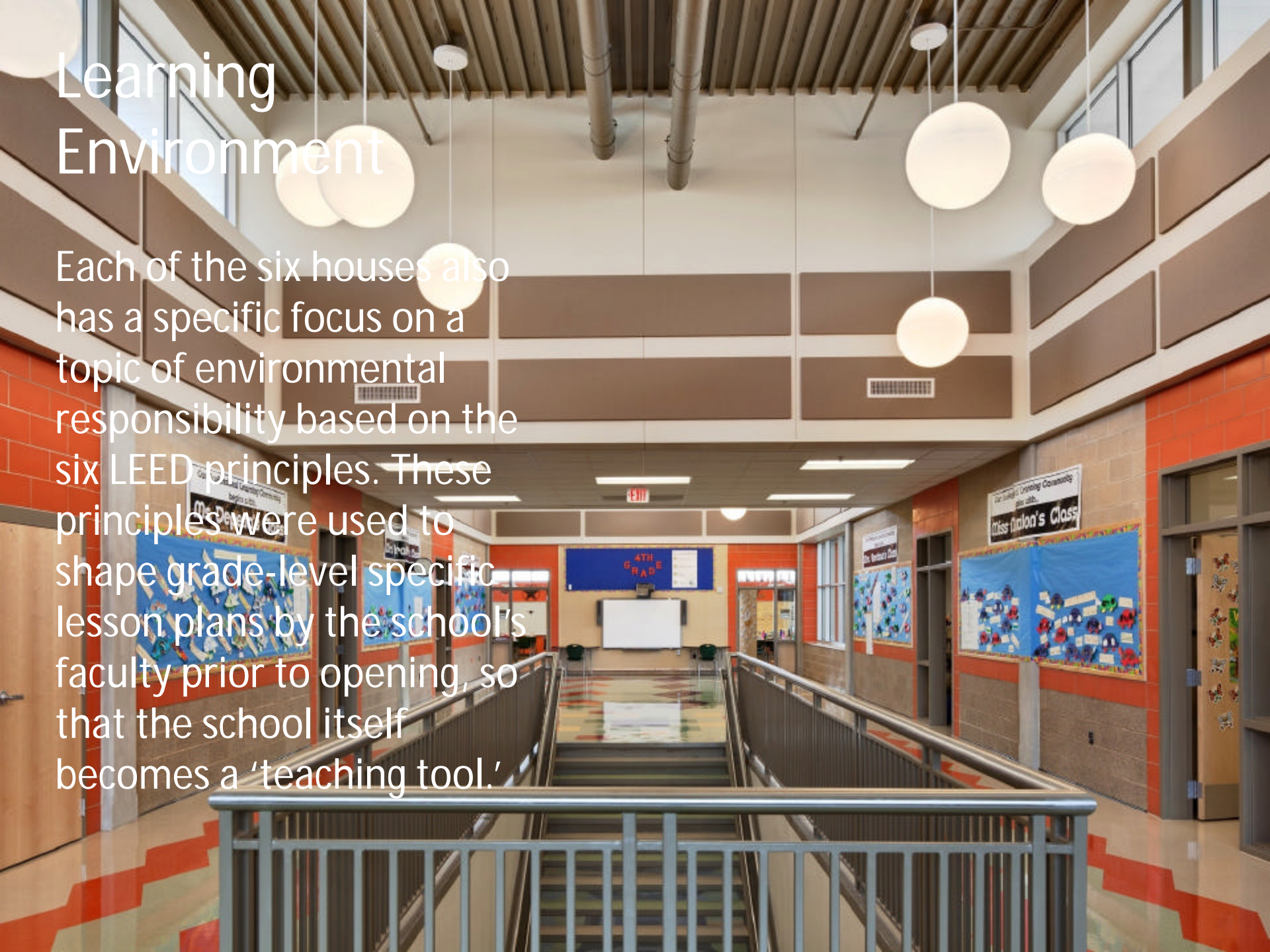
Learning Environment

The design of the elementary school places each grade level into an academic 'house.' Each house is designed as a collaborative gathering space for students outside the classroom, with available technology and abundant natural light.



Learning Environment

Each of the six houses also has a specific focus on a topic of environmental responsibility based on the six LEED principles. These principles were used to shape grade-level specific lesson plans by the school's faculty prior to opening, so that the school itself becomes a 'teaching tool.'





Physical Environment

The design team made great efforts to address environmental concerns in dealing with the heavily wooded and sloping site, selecting earth-friendly materials, and lowering energy costs. At the same time, creating all indoor spaces to maximize occupant comfort and usage.



Planning Process

The 50+ member planning team had representatives of each stakeholder group:

Board &
Executive
Staff

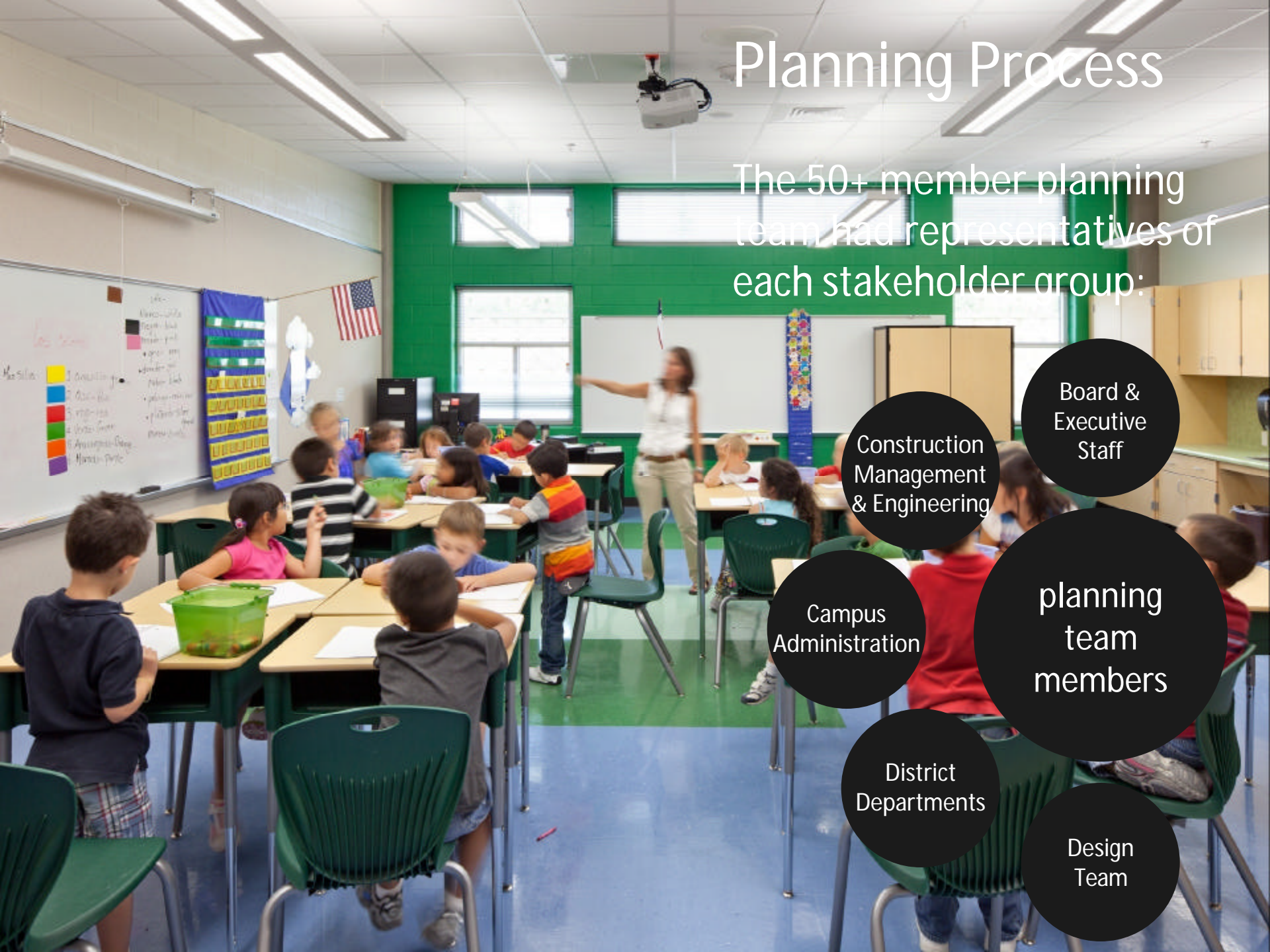
Construction
Management
& Engineering

Campus
Administration

planning
team
members

District
Departments

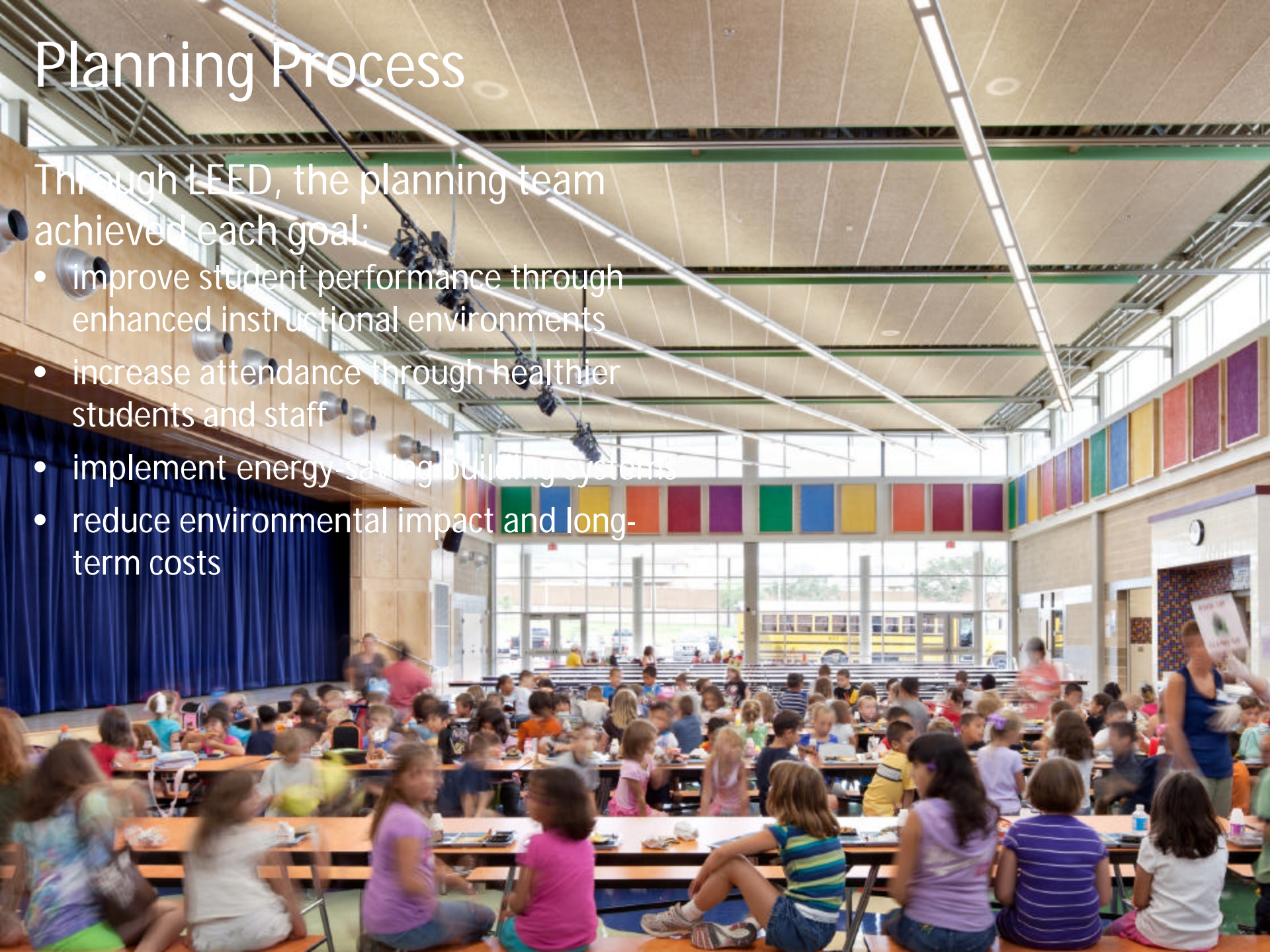
Design
Team



Planning Process

Through LEED, the planning team achieved each goal:

- improve student performance through enhanced instructional environments
- increase attendance through healthier students and staff
- implement energy saving building systems
- reduce environmental impact and long-term costs





<i>Sustainable Sites</i>	9 points (16 available)	<i>Certified</i> 29 to 36 points
<i>Water Efficiency</i>	3 points (7 available)	
<i>Energy and Atmosphere</i>	9 points (17 available)	<i>Silver</i> 37 to 43
<i>Materials and Resources</i>	6 points (13 available)	
<i>Indoor Environmental Quality</i>	13 points (20 available)	GOLD 44 to 57
<i>Design & Innovation</i>	6 points (6 available)	<i>Platinum</i> 58 to 79
TOTAL	46 points	

The result:

- *97% attendance rate – highest in the district at the end of the school's first year*
- *30% less energy used than comparably-sized elementary schools in the district within the first year of operation*



CIBOLO GREEN

Exhibition of School Planning and Architecture

Project Data

Submitting Firm :	pfluger architects
Project Role	Architect of Record
Project Contact	Kent Niemann, AIA, REFP
Title	Partner
Address	1901 N New Braunfels Ave
City, State or Province, Country	San Antonio, Texas 78208
Phone	210-227-2724

Joint Partner Firm:	not applicable
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	

Other Firm:	not applicable
Project Role	
Project Contact	
Title	
Address	
City, State or Province, Country	
Phone	

Construction Firm:	Satterfield and Pontikes
Project Role	General Contractor
Project Contact	Brad Shearer
Title	Partner
Address	12807 Wetmore Road
City, State or Province, Country	San Antonio, Texas 78247
Phone	210-572-4700

Exhibition of School Planning and Architecture

Project Details

Project Name	Cibolo Green Elementary School
City	San Antonio
State	Texas
District Name	North East Independent School District
Supt/President	Brian Gottardy
Occupancy Date	Fall 2010
Grades Housed	PK - 5
Capacity(Students)	1200
Site Size (acres)	20
Gross Area (sq. ft.)	122,600
Per Occupant(pupil)	102
gross/net please indicate	gross
Design and Build?	Yes
If yes, Total Cost:	\$27,144,030
Includes:	building and site development costs
If no,	
Site Development:	
Building Construction:	
Fixed Equipment:	
Other:	
Total:	\$27,144,030