



DR. MARTIN LUTHER KING, JR. SCHOOL

CAMBRIDGE, MASSACHUSETTS



“Innovative planning and massing to fit into community scale. Bright sun-filled interiors. Building materials have integrity; facades have texture, depth and artful composition.”

— 2017 JURY



For the Dr. Martin Luther King, Jr. School, Perkins Eastman led an extensive process to support Cambridge Public Schools' goals of promoting academic excellence and social justice while targeting net zero energy consumption. The program includes three separate schools: a preschool, a lower school (preK-5), and a newly formed middle school (grades 6-8). There also is an after-school center.

The high-performance building minimizes energy use and maximizes energy production. To reduce energy use, a holistic approach to encourage behavioral change was employed. The building massing was stepped down to match surrounding houses and avoid shadows on neighboring properties.

The front courtyard creates a gathering space and provides distinct entrances for each school. Each school is organized into small learning neighborhoods connected to a shared campus commons that provides shared amenities and a safe environment that builds community. Each classroom is designed to receive ample daylight, avoid glare, and provide acoustics conducive to learning.

The school is aiming for LEED Platinum certification. It uses 60 percent less energy than typical educational buildings in New England and generates about 45 percent of its energy through photovoltaics on the building. ■



Perkins Eastman

Design team

Sean O'Donnell, AIA, LEED AP (Principal-In-Charge); Jana Silsby, AIA, LEED AP (Project Architect); Alicia Caritano, AIA, LEED AP (Project Manager)

Client

City of Cambridge

Area

186,875 sq. ft.

Total cost

\$79,977,400

Capacity

840

Space per student

222 sq. ft.

Cost/square foot

\$427 (includes parking garage square footage)

Completion

December 2015

Photographer

Robert Benson Photography



Brilliant Buildings

In late August, four jurors from around the country met to judge this year's Architectural Portfolio. Like the juries before it, this year's group established its own criteria for determining citation winners and other outstanding designs.

Awarded projects exhibited clarity of concept, innovation and creativity in response to the specifics of program, users, community and site.

Other considered criteria included:

- Progressive – useful today; adaptable for tomorrow
- Inclusive usage (ADA, gender, community)
- Regional contextualism
 - Use of regional materials
 - Historical elements
 - Contextual responsiveness
- Sustainability
- Site adaptability (use of site/building)
- Landscape integration
- Use of materials (aesthetic and economic)
- Support of educational objectives
- Integration of a school's distinctive brand
- Full building system integration
- Creative ways to meet the budget
- Cohesive and inspired design concept ■



DAVID HURLEY



LORI KUPFER



CHRISTINE STOUT



ANNETTE WYNN

“Beautifully inspired sculpted interiors. Excellent use of light, scale and color.”

WILLIAM W. CAUDILL CITATION, P. 16-17

“Appreciate the allusions to local culture. Facade has interesting design elements with a nice mixture of materials, forms, and colors. Innovative planning and a joy-filled dynamic interior with pleasing symmetry.”

LOUIS I. KAHN CITATION, P. 18-19

“Sensitive and innovative addition and modernization. A tremendous improvement to the existing facility. Great integration of building systems and materials. Thoughtful and masterful interior details.”

SPECIAL CITATION, P. 20-21

“Great effort in using color, pattern, and simple materials to create a welcoming, contextual and inspired environment.”

SPECIAL CITATION, P. 22

“Fresh and innovative design lends a feeling of creative energy to the interior. Great integration of color, exposed building systems and glass provides an open learning environment. Great bathroom design!”

SPECIAL CITATION, P. 24-25

MEET THE JURY



2017 ARCHITECTURAL PORTFOLIO JURY:
HURLEY, KUPFER, STOUT, AND WYNN

DAVID HURLEY

Architect, Project and Development Services • JLL

David Hurley has more than 20 years of experience designing and constructing buildings and full-service facilities. He functions as an integral part in delivering projects, including management, strategic planning, programming, design, delivery of complex educational and research facilities. David was part of the development team for a 600,000-plus-square-foot project for a major technology company in Mountain View, Calif. Past work includes projects at many University of California campuses, the Berkeley Unified School District, Northwestern University, and other private education institutions.

As an architect with JLL's Project and Development Services, David has an eye for integrating delivery and design goals, and technical delivery. Prior to joining JLL, David worked at architecture firms in the Bay Area including Gensler, EHDD Architecture (Escherick, Homsey Dodge and Davis), and ELS Architecture and Urban Design.

An active member of the American Institute of Architects (AIA), David participates in the AIA National Committee on Architecture for Education.

LORI KUPFER

Architect

Lori Kupfer has 27 years of experience as a general practitioner of architecture. She holds a degree in Interior Design from Cornell University and a Masters of Architecture from Carnegie Mellon University. She established her own practice in New York City in 2004 and has completed projects for academic institutional, hospitality, commercial and residential clients. Her education in both architecture and interior design has provided her with the skills necessary to produce projects with full consistency between interior and exterior designs. Her abilities to effectively communicate and coordinate with all members of a project team—clients, consultants, contractors, city agencies—have been proven in projects that required fast-track and design/build strategies, as well as traditional bid-awarded projects. She is dedicated to providing each client with her creativity, responsibility, and commitment within a team-oriented inclusive approach to design.

CHRISTINE STOUT, BA, MS, FMP

Assistant Vice President Facilities and Auxiliary Services • Walsh College

Christine Stout is the assistant vice president of facilities and auxiliary services at Walsh College in Michigan. She oversees building operations,

security and risk management at all three campus locations: Troy, Novi and offices at the University Center on the campus of Macomb Community College in Clinton Township.

Since joining Walsh in 1991, Christine has managed the upgrades of classroom technology, telephone systems, wireless systems, HVAC systems, building renovations and security procedures. She supervised construction of the 35,000-square-foot Novi campus in 1998, the 37,000-square-foot Jeffery W. Barry Center addition in Troy in 2008 and the 57,000-square-foot Livernois addition and Renovation in Troy in 2015. As a result of her efforts, the college received LEED Gold certification for the Barry Center and anticipates receiving LEED Silver certification for the Livernois addition.

Prior to joining Walsh College, Christine was education director for Associated Builders and Contractors of New Orleans from 1988 to 1990. She holds a Bachelor of Arts degree from the University of Michigan and a Master of Science in Management from Walsh College. She is a certified Facilities Management Professional and is a member of URMIA, IFMA and APPA.

ANNETTE WYNN

Director, SPLOST Department • Cobb County (Ga.) School District

Annette Wynn is a senior construction services administrator with more than 30 years of progressive experience optimizing construction initiatives and growth through outstanding management, planning, design and consultative expertise. Her experience includes the full project lifecycle: developing and managing budgets; master planning; design development, procurement, and oversight of construction through close-out and warranty periods for new construction and renovations; internal development of owner criteria, procurement documents, and design and construction guidelines.

As director of the SPLOST (Special-purpose local-option sales tax) Department for the Cobb County (Ga.) School District (one of the nation's largest districts), Annette facilitates the development, procurement, and execution of capital projects. This includes reviewing and evaluating recommendations regarding plans, designs, schedules, budgets, construction and logistics. She selects and leads design professionals for project setup, programming functions, design development and procurement. She also establishes and manages project scope, schedules and budgets.

A graduate of Howard University, Annette holds a Project Management Professional Certification (PMP) and is a Leadership in Energy and Environmental Design Accredited Professional, Building Design + Construction (LEED AP BD+C).