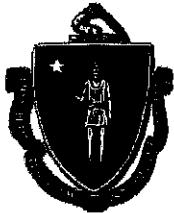




Select Board

Meeting Packet

February 27, 2024



Commonwealth of Massachusetts
**EXECUTIVE OFFICE OF HOUSING &
LIVABLE COMMUNITIES**

Maura T. Healey, Governor ◆ Kimberley Driscoll, Lieutenant Governor ◆ Edward M. Augustus Jr., Secretary

February 21, 2024

Town Administrator Nicholas Milano
Milton Town Hall
525 Canton Avenue
Milton, MA 02186

Dear Town Administrator Milano,

On February 16, 2024, I notified Select Board Chairman Michael Zullas, that as a result of the recent referendum vote that overturned the MBTA Communities Multi-family Overlay District passed at Milton's December 11, 2023, special town meeting, the town of Milton is now non-compliant with M.G.L. c. 40A, § 3A (the MBTA Communities law).

The zoning that town meeting approved in December would have been in interim compliance with the law and would have made significant strides in helping Milton (and Massachusetts) address our housing affordability crisis. While we are deeply disappointed that Milton's zoning plan was rejected by a referendum vote, we are hopeful that we can continue to work with the town to ensure that Milton can achieve compliance with the MBTA Communities law.

Milton's current non-compliant status means the town will begin losing out on significant grant funding from the state, effective immediately. As stated in my January 9, 2024 letter, the town will not be eligible to receive MassWorks and HousingWorks grants. The town of Milton will also be at a competitive disadvantage for the 13 discretionary grant programs offered by the Executive Office of Housing and Livable Communities (EOHLC), as well as other grants that are a part of Community One Stop for Growth. Additionally, the town will not be eligible for a recent Seaport Economic Council grant award for \$140,800 for seawall and access improvements, which was subject to compliance with the law.

We value having a strong partnership with local cities and towns to move Massachusetts forward. We are grateful for the strong communication between state officials and town leaders with respect to developing the new local zoning that would have permitted multifamily housing development near transit stations. Moreover, our administration has worked diligently to support Milton in complying with the MBTA Communities Law, including providing the community with multiple community planning grants totaling \$80,000 for technical assistance to help craft the new zoning by-law.

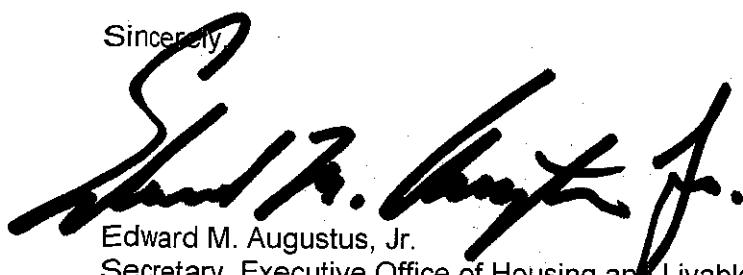
The MBTA Communities Act was signed into law by then-Gov. Charlie Baker in January 2021. The law was passed unanimously by the Senate and overwhelmingly by the House (143 to 4). The significance of the MBTA Communities Act cannot be overstated: This law presents a transformative opportunity for 177 communities served by the MBTA to come together to zone for multi-family housing near transit stations to help address the greatest challenge facing our state – the high cost of housing.

I look forward to meeting with you soon, as well as representatives of the Yes and No campaigns to discuss a path forward. The administration is hopeful that we can work together on a new plan that will bring the town into compliance.

The law is clear – **compliance with the MBTA Communities Law is mandatory**. At this time, Milton is the only rapid transit community in Massachusetts that is not in compliance. If we do not all come together to build more housing, we will not be able to overcome our affordability crisis. We need every community to do their part.

Thank you for all that you do for your community. We sincerely hope to continue this partnership, bring Milton into compliance, and build a stronger, more affordable Massachusetts for everyone.

Sincerely,

A handwritten signature in black ink, appearing to read "Edward M. Augustus, Jr." The signature is fluid and cursive, with "Edward" on the top line, "M." in a small circle on the middle line, and "Augustus, Jr." on the bottom line.

Edward M. Augustus, Jr.
Secretary, Executive Office of Housing and Livable Communities

cc: Milton Select Board
State Sen. Walter Timilty
State Rep. Bill Driscoll Jr.
State Rep. Brandy Fluker Oakley

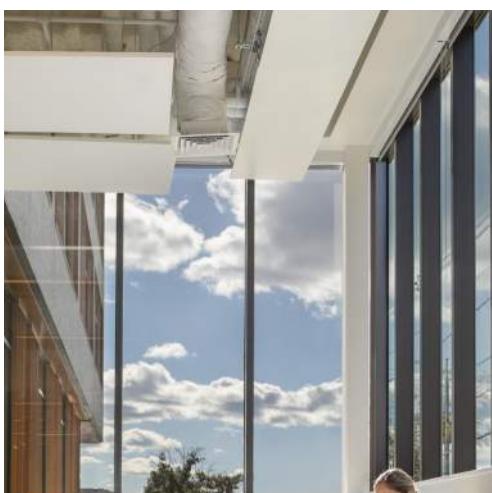


Milton Public Schools New School Project

RESPONSE TO RFS
JANUARY 12, 2024

ARROWSTREET







12 January 2024

ARROWSTREET

Nicholas Milano
Milton School Building Committee
Milton Town Hall, Select Board Office, Second Floor
525 Canton Avenue
Milton MA 02186

Milton School Project, Proposal for Designer Services

Dear Nicholas,

We welcome the opportunity to work with the Town of Milton on the Feasibility Study and Schematic Design for the proposed new Upper Middle School and pre-K early education wing to be located along Giles Road near the existing high school. As designers of innovative, high-performing schools, Arrowstreet offers a unique perspective to help create a new school that will improve the educational opportunities for students and staff, help relieve overcrowding at the existing schools, and become a resource for the entire Milton community.

Arrowstreet has in-depth experience creating innovative schools in engaged communities like Milton that are passionate about their children's education and proud of the Town in which they live. We will work with you to articulate your educational vision and establish goals of what success means to you.

Creating Confident, Lifelong Learners. The Milton Public Schools Strategic Plan 2022-2027 offers an excellent roadmap for Milton's strategic initiatives to support personalized learning, foster safe and supportive schools, and create equity in learning. We share the goal of helping students develop an enthusiasm for learning, respect for themselves and others, and skills to become independent thinkers and problem solvers. We can work with Milton's leadership to create a school that supports the unique learning needs of upper middle school students, introducing science and technology in ways that support their emerging curiosity and encourage engagement with their peers and faculty.

Mixed Grade Expertise. Arrowstreet has unique expertise integrating multiple grade level schools, such as an upper middle school and pre-K, into the same building. For example, the King Open Cambridge Street Upper Schools & Community Complex integrates a preschool with separate elementary and middle schools. At the recently completed Boardwalk Campus in Acton, we consolidated two separate elementary schools and a preschool for 130 students into a single building, creating a campus that houses over 1100 students while maintaining a small school feel for each.

Sustainable Design Leadership. Arrowstreet is at the forefront of high-performing, energy-efficient, and healthy schools, and was recently named **Best Net Zero Firm of 2023 by Build Magazine**. Based on our experience and expertise, we can help the Town establish sustainable goals that are realistic and obtainable considering up-front investment, operational costs, and potential savings.





Communication. Arrowstreet will work closely with the School Building Committee to create an engagement process designed to inform the community and help build consensus. Through rigorous documentation of the process and a thorough analysis of potential options, we will help you foster community support. We will facilitate public meetings, document our process on the School Building Committee website, provide information for surveys, and assist with social and traditional media outlets.

Accelerated Schedule. Arrowstreet is prepared to meet Milton's schedule needs as outlined in the RFS. Our work for charter schools includes multiple fast-paced projects to meet their building needs. For example, the new 93,000 SF Brooke High School was designed and constructed within two years of project award. We would be pleased to discuss a more detailed project schedule that meets Milton's needs.

Cost Control. In today's construction market, construction control is paramount for the project's success. Arrowstreet will work with you to develop and manage the project budget, helping to find creative ways to keep the building improvements efficient and cost-effective. As an example, our net zero energy and water Boardwalk Campus was constructed for similar costs as comparable elementary schools.

Our ability to effectively research, document, and share knowledge will assist Milton as you build consensus for the project. Our experience with high-performing, sustainable, and creative schools gives Arrowstreet the expertise to investigate the full range of options required for your Feasibility Study.

Arrowstreet fully meets the qualifications outlined in the RFS and acknowledges the requirements of Addenda 1-3.

Milton is a wonderful Town that needs more space to better serve the students and families of the community. As designers of innovative, award-winning schools, Arrowstreet is uniquely poised to lead the design of the new Upper Middle School and early pre-K early education. As you will see in the following pages, our strong ability to create collaborative partnerships within the community, solve complex site and building challenges, and design projects that enhance learning will help you exceed the Town's goals for the project.

Sincerely,
Arrowstreet

Laurence Spang, AIA, LEED AP, MCPPO, Partner
(617) 666-7078
spang@arrowstreet.com

Commonwealth of Massachusetts Standard Designer Application Form for Municipalities and Public Agencies not within DSB Jurisdiction (Updated May 2014)	1. Project Name / Location For Which Firm is Filing:				2. Project #							
	Milton Public Schools Milton, MA				N/A							
					This space for use by Awarding Authority only.							
3a.	Firm (or Joint Venture) - Name and Address of Primary Office to Perform the Work:			3e.	Name of Proposed Project Manager:							
	ARROWSTREET 10 Post Office Square, Suite 700N Boston, MA 02109			For Study: For Design:	Katy Lillich, AIA, LEED AP, MCPPO, MA #32278 Katy Lillich, AIA, LEED AP, MCPPO, MA #32278							
3b.	Date Present and Predecessor Firms Were Established:			3f.	Name and Address Of Other Participating Offices Of The Prime Applicant, If Different From Item 3a Above:							
	1961				N/A							
3c.	Federal ID#			3g.	Name and Address Of Parent Company, If Any:							
	[REDACTED]				N/A							
3d.	Name and Title Of Principal-In-Charge Of The Project (MA Registration Required):			3h.	Check Below If Your Firm Is Either:							
	Laurence Spang, AIA, LEED AP, MCPPO, Principal / MA #7984 Email: spang@arrowstreet.com Telephone No: (617) 623-5555 Fax No: (617) 625-4646				(1) SDO Certified Minority Business Enterprise (MBE) <input type="checkbox"/> (2) SDO Certified Woman Business Enterprise (WBE) <input type="checkbox"/> (3) SDO Certified Minority Woman Business Enterprise (M/WBE) <input type="checkbox"/>							
4.	Personnel From Prime Firm Included In Question #3a Above By Discipline (List Each Person Only Once, By Primary Function -- Average Number Employed Throughout The Preceding 6 Month Period. Indicate Both The Total Number In Each Discipline And, Within Brackets, The Total Number Holding Massachusetts Registrations):											
	Admin	11	0	Ecologists			Licenced Site Profs.			Graphic Designers	4	0
	Architects	26	26	Electrical Engrs.			Mechanical Engrs.					
	Acoustical Engrs.			Environmental Engrs.			Planners: Urban / Reg.					
	Civil Engrs.			Fire Protection Engrs.			Specification Writers					
	Code Specialists			Geotech. Engrs.			Structural Engrs.					
	Construction			Industrial Engrs.			Surveyors					
	Cost Estimators			Interior Designers	4	0						
	Drafters	12	0	Landscape Architects						Total	57	26
5.	Has this Joint-Venture previously worked together? <input type="checkbox"/> Yes <input type="checkbox"/> No											

List ONLY Those Prime And Sub-Consultant Personnel Specifically Requested In The Advertisement. This Information Should Be Presented Below In The Form Of An Organizational Chart. Include Name Of Firm And Name Of The One Person In Charge Of The Discipline, With Mass. Registration Number, As Well As MBE/WBE Status, If Applicable:

Town of Milton

Milton Public Schools

Arrowstreet

Architecture, Sustainability/Green Design/Renewable Energy, Building Performance, Library/Media

Laurence Spang, AIA, LEED AP, MCPPO
Principal-in-Charge, MA #7984

Katy Lillich, AIA, LEED AP, MCPPO
Project Manager, MA #32278

Tina Soo Hoo, AIA
Project Architect, MA #30884

Kate Bubriski, AIA, LEED AP BD+C, Fitwel Ambassador
Director of Sustainability & Building Performance, MA #50129

Daniel Snider, AIA
Architect, MA #951386

Shonali Rajani, AIA
Architect, MA #20107

PEER Consultants, P.C.
Environmental Permitting, Geoenvironmental Engineering, & Hazardous Materials
David Gorden, BCES, CWS, CPSS
Project Manager
MA #AI900459

MBE/WBE

PM&C
Cost Estimating
Peter Bradley, LEED AP
Cost Estimating and Control
Maria McKenna
Cost Estimating and Control

Garcia, Galuska, DeSousa
Fire Protection, Plumbing, HVAC, Electrical & Data/ Communications
Christopher M. Garcia, PE
Fire Protection & Plumbing Engineer
MA #45034

Lahlaf Geotechnical Consulting, Inc.
Geotechnical Engineering
Abdelmadjid M. Lahlaf, PE
Geotechnical Engineer
MA #39814

MLP Integrated Design
Educational Programming
Mike Pirolo, ALEP
Educational Planner

Thornton Tomasetti
Sustainable/Green Design/Renewable Energy/ Net Zero Energy
Vamshi Gooje
LEED AP BD+C, BEMP, CEM
Sustainability Principal-in-Charge

Pamela Perini Consulting
Security
Pamela Perini, PSP Security
Steve Trask
Security & Emergency Management

WBE

Terraink, Inc
Landscape Architecture
Jade Cummings, LEED AP
Principal Landscape Architect of Design
MA #1406
Kellie Anne Connelly
Principal Landscape Architect of Construction
MA #1214

WBE

Engineers Design Group
Structural Engineering
Mehul Dhruv, PE
Structural Engineer
MA #37453

MBE

Todd Tsiang
FF&E
Todd Tsiang
FF&E

MBE

MDM Transportation Consultants, Inc
Traffic
Robert J. Michaud, PE
Traffic
MA #38101

Code Red
Code & Accessibility
Paul Moan, PE
Code Consultant
MA #52235

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

	a. Name and Title within Firm			<p>Brooke Charter High School, Mattapan, MA. Principal-in-Charge for a new 8-12 grade school on a tight site. This 93,000 SF building includes an auditorium, gymnasium, outdoor learning areas, and specialty classrooms.</p> <p>Newton Early Childcare Program School, Newton, MA. Principal-in-Charge of a 30,000 SF renovation to an existing elementary school that will be updated to support the NECP program; an inclusive preschool for students ages 3-6.</p> <p>King Open/Cambridge Street Upper Schools, Cambridge, MA. Principal-in-Charge for the programming, planning, and design of two distinct “twin” schools for K-5 and 6-8 students. The project is designed to be net zero emissions and incorporates many energy efficiency technologies. This project is in association with William Rawn Associates. <i>This project has been awarded the National American Institute of Architects (AIA) Education Facility Design Award.</i></p> <p>Benjamin Franklin Classical Charter Public School, Franklin, MA. Principal-in-Charge for this new K-8 school. The U-shaped building houses 900 students and was inspired by the local landscapes and traditional forms with modern interpretation, such as bold gable-end forms, large punched windows, crisp detailing, and a mix of reflective and naturalistic materials.</p>		
	Laurence Spang, AIA, LEED AP, MCPPO, Partner					
	b. Project Assignment					
	Principal-in-Charge					
	c. Name and Address of Office in Which Individual Identified in 7a Resides:					
	ARROWSTREET 10 Post Office Square, Suite 700N Boston, MA 02109		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE			
	d. Yrs Experience w/ this firm:	30	w/ other firms:		8	
	e. Education: Degree(s) / Year / Specialization					
	Master of Architecture in Urban Design / 1992 / Harvard University GSD Bachelor & Masters of Architecture / 1984 & 2004 / Tulane University					
f. Active Registration: Year First Registered / Discipline / MA Registration Number						
1989 / Architecture / MA #7984						
g. Current Work Assignments and Availability for This Project:						
Larry is currently overseeing the Lincoln-Eliot School. He is available to work on this project.						
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)						
Larry leads Arrowstreet's educational practice. He guides the team from design and permitting through construction documents and administration. Larry's relevant experience includes:						
Boardwalk Campus , Acton, MA. Principal-in-Charge for a new educational facility that brings together two K-6 schools and preschool programs under one roof. This combined elementary school is a high-performing, healthy, triple net-zero (energy/water/waste) school that uses the environmentally protected site as a teaching tool to enhance the local resources.						
Hildreth Elementary School , Harvard, MA. Principal-in-Charge for a new Pre-K-5 elementary school. The project site, adjacent to the current school, presents an opportunity to create a school for 21st century learning that meets the educational vision of this high-performing school district while also respecting the character and values of the Town.						



CLOCKWISE FROM LEFT: Hildreth Elementary School, King Open/Cambridge Street Upper Schools, Douglas & Gates Elementary School

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

	a. Name and Title within Firm			
	Katy Lillich, AIA, LEED AP, MCPPO, Associate Principal			
	b. Project Assignment			
	Project Manager			
	c. Name and Address of Office in Which Individual Identified in 7a Resides:			
	ARROWSTREET 10 Post Office Square, Suite 700N Boston, MA 02109		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	
	d. Yrs Experience w/ this firm:	8	w/ other firms:	21
	e. Education: Degree(s) / Year / Specialization			
	Master of Built Environment in Sustainable Development / 2000 / University of New South Wales Bachelor of Architecture / 1994 / Virginia Polytechnic Institute and State University			
f. Active Registration: Year First Registered / Discipline / MA Registration Number				
2009 / Architecture / MA #32278				
g. Current Work Assignments and Availability for This Project:				
Katy is the Project Architect for the Boardwalk Campus currently under construction and is currently working on Lincoln-Eliot Elementary School. She is available to work on this project.				
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)				
Katy is an architect with over 25 years of experience and is certified as an MCPPO. She has significant experience on all phases of K-12 school projects, from initial design through construction administration. She is an effective team leader and believes strongly in collaboration, quality design and constructability. Katy is passionate about sustainability and has a Masters degree in Sustainable Development. She has experience with both LEED and CHPS documentation on school projects. Katy's relevant experience includes:				
Boardwalk Campus , Acton, MA. Project Architect for a new educational facility that brings together two K-6 schools and preschool programs under one roof. This fast-tracked combined elementary school with multiple bid packages will be a high-performing, healthy, triple-net-zero (energy/water/waste) school that uses the environmentally protected site as a teaching tool to enhance the local resources.				
Hildreth Elementary School , Harvard, MA. Project Architect for a new PK-5 elementary school. The project site, adjacent to the current school, presents an opportunity to create a school for 21st century learning that meets the educational vision of this high-performing school district while also respecting the character and values of the Town. Brooke Charter High School , Mattapan, MA. Project Architect for a new 8-12 grade school on a tight site. This 93,000 SF building includes an auditorium, gymnasium, outdoor learning areas, and specialty classrooms. Lincoln-Eliot Elementary School , Newton, MA. Project Architect for the K-5 renovation and addition. This renovation presents several opportunities to create a new 21st-century learning environment, greater outdoor play and learning spaces, and will become a school for a city-wide special education program. The project is planned to be net zero when completed in 2025.				
 				
 				
ABOVE: Lincoln-Eliot Elementary School, Hildreth Elementary School BELOW: Brooke Charter High School				

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

	a. Name and Title within Firm			
	Tina Soo Hoo, AIA, Associate Principal			
	b. Project Assignment			
	Project Architect			
	c. Name and Address of Office in Which Individual Identified in 7a Resides:			
	ARROW STREET 10 Post Office Square, Suite 700N Boston, MA 02109		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	
	d. Yrs Experience w/ this firm:	17	w/ other firms:	10
	e. Education: Degree(s) / Year / Specialization			
	Bachelor of Architecture / 1997 / University of Miami Mackintosh School of Architecture / 1996 / Scotland			
f. Active Registration: Year First Registered / Discipline / MA Registration Number				
2007 / Architecture / MA #30884				
g. Current Work Assignments and Availability for This Project:				
Tina is currently working on Lincoln-Eliot Elementary School and Squantum Elementary School. She is currently available to work on this project.				
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)				
Tina is an accomplished and precise project manager who designs stimulating, 21st Century learning environments for K-12 students and the dedicated educators who teach them. Placing herself in the shoes of a young scholar, she's energized by imagining how different age groups will move through, interact with, and experience the space. She relishes the complex puzzle of shepherding projects with tight budgets and strict timetables through to the finish line. In her quarter-century of practice, she has significant experience in design, management, construction documents, and construction administration on both small- and large-scale academic facilities, mixed-used projects, master planning, and space planning. Tina's relevant experience includes:				
King Open/Cambridge Street Upper Schools , Cambridge, MA. Project Architect for the programming, planning, and design of two distinct "twin" schools for K-5 and 6-8 students. The project is designed to be net zero emissions and incorporates many energy efficiency technologies. This project is in association with William Rawn Associates.				

Lincoln-Eliot Elementary School, Newton, MA. Project Manager for the K-5 renovation and addition. This renovation presents several opportunities to create a new 21st-century learning environment, greater outdoor play and learning spaces, and will become a school for a city-wide special education program.

Dale Street Elementary School, Medfield, MA. Project Manager for the Grade 4-5 school, Tina was the primary point-of-contact for the District leadership, Owner's Project Manager, Design Consultants, and School Building Committee. She ensured that the project progressed through a rigorous community review and schematic design.

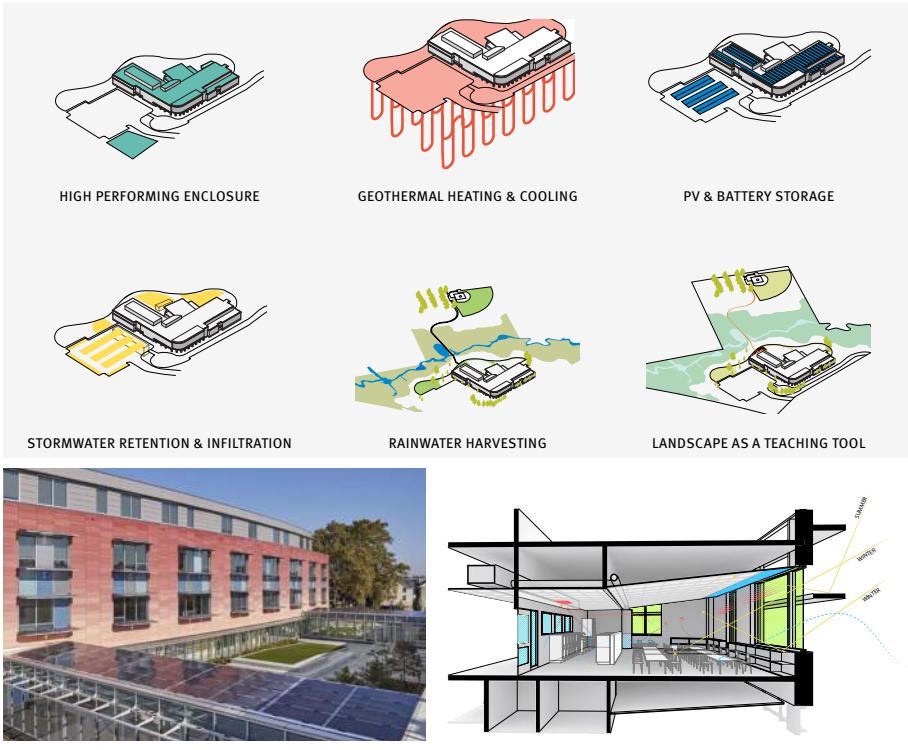
City on a Hill Charter School, Roxbury, MA. Project Manager for the renovation of this renowned public charter high school located in a historic building in Boston. New rooms, interior finishes, and building systems were all upgraded. An auditorium addition now doubles as a lunch room and special event space.

KIPP Academy Lynn, Lynn, MA. Project Architect/Team Member for the first ground-up charter school in Massachusetts located on a challenging hilltop site. Prioritizing learning spaces, the efficient layout supports 850 students in 68,000SF. Middle and High School "wings" bookend central commons spaces including a cafeteria, gymnasium, library, and administrative office.



ABOVE: Lincoln-Eliot
 BOTTOM: KIPP Academy Lynn, Community Engagement Process

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

	a. Name and Title within Firm		
	Katherine Bubriski, AIA, CPHC, LEED AP BD+C, Fitwel Ambassador, Director of Sustainability & Building Performance		
	b. Project Assignment		
	Director of Sustainability & Building Performance		
	c. Name and Address of Office in Which Individual Identified in 7a Resides:		
	ARROWSTREET 10 Post Office Square, Suite 700N Boston, MA 02109		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE
d. Yrs Experience w/ this firm:	11	w/ other firms:	9
e. Education: Degree(s) / Year / Specialization			
Bachelor of Architecture / 2004 / Rensselaer Polytechnic Institute			
f. Active Registration: Year First Registered / Discipline / MA Registration Number			
2010 / Architecture / MA #50129			
g. Current Work Assignments and Availability for This Project:			
Kate is currently working on the Lincoln-Eliot Elementary School as the Sustainability Director. She is available to work on this project.			
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)			
Kate is an advocate, leader, and innovator. She has spent the last 19 years working with educational and healthcare clients to enhance their missions, services, and environments. Kate believes that architects have a social responsibility to provide better, healthier, more sustainable buildings that improve the lives of occupants and communities. She utilizes her expertise in building performance, including energy, material transparency, indoor environment, and resilience, to work with the design team and the community to create high-performing schools. Kate's relevant experience includes: King Open/Cambridge Street Upper Schools , Cambridge, MA. Sustainability Director and Project Manager for two distinct schools for K-5 and 6-8 students. Working with the City of Cambridge the complex is a community resource, allowing for after hours and weekend use of the facilities. The project is verified to be Net Zero Emissions and incorporates many energy efficiency technologies. Sustainability features include geothermal ground source heat pumps, rainwater reclamation, solar PV, and solar thermal. Healthy materials have been selected for all interior finishes and furniture.			
			

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

	a. Name and Title within Firm			
	Daniel Snider, AIA			
	b. Project Assignment			
	Architect			
	c. Name and Address of Office in Which Individual Identified in 7a Resides:			
	ARROW STREET 10 Post Office Square, Suite 700N Boston, MA 02109		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	
	d. Yrs Experience w/ this firm:	6	w/ other firms:	5
	e. Education: Degree(s) / Year / Specialization			
	Bachelor of Architecture / 2012 / Carnegie Mellon University			
f. Active Registration: Year First Registered / Discipline / MA Registration Number				
2017 / Architecture / MA #951386				
g. Current Work Assignments and Availability for This Project:				
Dan is currently working on the Brooke Mattapan Middle School addition. He is available to work on this project.				
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)				
Dan is a designer who has been fascinated by the ability to shape space for as long as he can remember. He enjoys the ongoing learning process and collaborative effort that are integral to the study and practice of architecture. Since having received a BArch from Carnegie Mellon University, Dan has gained a wide breadth of experience in the civic, higher education, and healthcare markets, and has a particular interest in the design of spaces for learning. Dan's relevant experience includes: Benjamin Franklin Classical Charter Public School , Franklin, MA. Project Architect for a new K-8 elementary school. The school is built using innovative pre-fabricated structures that ensure a high quality design within a tight construction budget and schedule. Hildreth Elementary School , Harvard, MA. Team Member for a new PK-5 elementary school. The project site, adjacent to the current school, presents an opportunity to create a school for 21st century learning that meets the educational vision of this high-performing school district while also respecting the character and values of the Town.				
Brooke Charter High School , Mattapan, MA. Job Captain for a new 8-12 grade school on a tight site. This 93,000 SF building includes an auditorium, gymnasium, outdoor learning areas, and specialty classrooms. Conservatory Lab Charter School , Dorchester, MA. Job Captain for a new Elementary/Upper School Facility to house 275 students in grades 3-8. The new 3-story, 45,000 GSF facility includes core and specialty classrooms, cafeteria with servery, media center, small gymnasium, music rehearsal rooms, and administrative offices. Alma del Mar Frederick Douglass Campus , New Bedford, MA. Project Architect for a new elementary and middle school serving 600 students. The wooded site presents unique design opportunities that will allow learning to be incorporated into the site's natural landscape.				
				
				
Top: Conservatory Lab Charter School Bottom: Benjamin Franklin Classical Charter Public School				

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

	a. Name and Title within Firm			Claiborne Pell Elementary School* , Newport, RI. Project Architect/Interiors for a new elementary school. Role included designing new public spaces, classrooms, and coordinating lighting and millwork.		
	Shonali Rajani, AIA, LEED AP					
	b. Project Assignment			Williams College Residential Master Plan* , Boston, MA. Planner for a study that analyzed the existing conditions of campus-wide living quarters. The study also suggested ways to equalize the dorms to improve campus life and drive admissions. Different sites were also studied for potential growth and expansion.		
	Architect					
	c. Name and Address of Office in Which Individual Identified in 7a Resides:			Williams College Southwest Sector Plan*, Boston, MA. Planner for the study of an adaptive re-use short term and long term programming and mission planning. The study focused on campus-wide teaching facilities seeking to equalize classroom standards and features.		
	ARROW STREET 10 Post Office Square, Suite 700N Boston, MA 02109					
	<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE					
	d. Yrs Experience w/ this firm:	5	w/ other firms:	16	Boston University Project*, Boston, MA. Project Architect/Designer for the renovation of an existing warehouse into band space and music classrooms. Role included lead designer, project architect with significant involvement in CA. Marquette University Law School* , Milwaukee, WI. Project and Classroom Planner for a new law school on Marquette's campus. Role included coordination of lighting and the design of the law library and classrooms.	
	e. Education: Degree(s) / Year / Specialization					
Certificate in Design Education / 2012 / Boston Architectural College Masters in Architecture / 1997 / Washington University in St. Louis Bachelor of Arts/ Art History / 1994 / Connecticut College Columbia University / 1992						
f. Active Registration: Year First Registered / Discipline / MA Registration Number			<i>*Work performed at previous firms</i>			
2003 / Architecture / MA #20107						
g. Current Work Assignments and Availability for This Project:						
Shonali is currently working on Seaport Circle as the Project Manager. She is available to work on this project.						
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)						
Shonali is an experienced Project Manager and Designer with a well-rounded resume of commercial, interiors, and institutional work that spans all phases, including complex renovation projects. Shonali has a keen interest in the intersection of student learning and architecture. The success of a campus is rooted in the education and culture which can both be improved upon by the space in which they inhabit. Dedicated to mentoring the next generation of architects she has been a faculty professor at the Boston Architectural College for over a decade. Shonali's relevant experience includes:						
Seaport Circle , South Boston, MA. Project Manager for over 650,000 SF of mixed-use development including life science/office, new Silver Line station, technology career training center, business incubator space, retail, and over 120,000 SF public realm/outdoor space, bringing together the life science hub of Boston's Seaport.						
Dale Elementary School , Medfield, MA. Planner designer for an new elementary school designed to support project-based learning and STEAM education.						

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Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm			a. Name and Title within Firm		
Michael Pirolo, Owner & Educational Design Principal			Paul Moan, PE - Principal		
b. Project Assignment			b. Project Assignment		
Educational Planner			Code Consultant		
c. Name and Address of Office in Which Individual Identified in 7a Resides:			c. Name and Address of Office in Which Individual Identified in 7a Resides:		
My Learning Place (MLP) Integrated Design 5 Dawes St. Newburyport, MA 01950		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	Code Red Consultants, LLC. 154 Turnpike Road, Suite 200 Southborough, MA 01772		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE
d. Yrs Experience w/ this firm:	2	w/ other firms:	4	d. Yrs Experience w/ this firm:	9
e. Education: Degree(s) / Year / Specialization			e. Education: Degree(s) / Year / Specialization		
Bachelor of Arts / 2022 / Education / Rider University Master of Science / 2015 / Educational Technology / Lesley University Accredited Learning Environment Planner / 2018 / Educational Facilities Planning / Association for Learning Environments			Master of Science / 2013 / Fire Protection Engineering Bachelor of Science / 2011 / Civil Engineering		
f. Active Registration: Year First Registered / Discipline / MA Registration Number			f. Active Registration: Year First Registered / Discipline / MA Registration Number		
N/A			2016 / Fire Protection Engineer / MA #52235		
g. Current Work Assignments and Availability for This Project:			g. Current Work Assignments and Availability for This Project:		
<ul style="list-style-type: none"> MSBA Galvin Middle School, Canton, MA MSBA Cutler Elementary School, Hamilton-Wenham, MA Fully committed and available to complete all educational planning and programming.			Due to the nature of our consulting profession, few of our contractual arrangements are long-term duration. Additionally, we assign multiple staff to each project to ensure the necessary resources are available. Based on these factors, we have the current availability to perform this project. Key members of the proposed team are available upon notice to proceed, and their workloads will allow them to dedicate the appropriate time to this contract.		
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)			h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		
Mike sees the world of educational design through the multiple lenses of teacher, planner, and designer. His 6 years as an Educational Planner is enriched by 17 years as a public-school teacher, mostly at the upper elementary and middle school levels. An ALEP accredited planner, Mike has led numerous educational planning efforts for projects at all grade levels with the MSBA, Rhode Island Department of Education (RIDE), and Connecticut Office of School Construction Grants & Review (OSCBR). Mike works with districts and stakeholders to build an educational roadmap for new or renovated schools that integrates curriculum, instruction, learning, and the learning environment. Recent work includes:			Paul Moan is a professional fire protection engineer and Associate Principal with Code Red Consultants. The focus of his work is to provide fire protection and life safety code consulting services to architects, designers, building owners, and end users. His experience on state and city/town projects includes many MSBA and MSCBA projects.		
<ul style="list-style-type: none"> MSBA, Agawam High School, Agawam, MA MSBA, Pentucket Middle/High School, West Newbury, MA MSBA, East Gloucester Elementary School, Gloucester, MA MSBA, Paul Hanlon Elementary School, Westwood, MA 			<ul style="list-style-type: none"> Alma Del Mar Charter School, New Bedford, MA (with Arrowstreet) Global Learning Charter School, New Bedford, MA (with Arrowstreet) Dale Street Elementary, Medfield, MA (with Arrowstreet) Lincoln-Eliot Elementary School, Newton, MA Hood Elementary, Lynn, MA Beal Elementary School, Shrewsbury, MA 		

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a. Name and Title within Firm				a. Name and Title within Firm			
Jade Cummings, LEED AP - Co-Owner, President				Kellie Anne Connelly - Co-Owner, Treasurer/Secretary			
b. Project Assignment				b. Project Assignment			
Principal Landscape Architect of Design				Principal Landscape Architect of Construction, Project Manager			
c. Name and Address of Office in Which Individual Identified in 7a Resides:				c. Name and Address of Office in Which Individual Identified in 7a Resides:			
Terraink, Incorporated 7 Central Street, Suite 150 Arlington, MA 02476		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input checked="" type="checkbox"/> WBE <input type="checkbox"/> SDVBE		Terraink, Incorporated 7 Central Street, Suite 150 Arlington, MA 02476		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input checked="" type="checkbox"/> WBE <input type="checkbox"/> SDVBE	
d. Yrs Experience w/ this firm:	13	w/ other firms:	11	d. Yrs Experience w/ this firm:	13	w/ other firms:	16
e. Education: Degree(s) / Year / Specialization				e. Education: Degree(s) / Year / Specialization			
Master in Landscape Architecture / 2001 / Harvard University Bachelor of Landscape Architecture / 1997 / SUNY College of Environmental Science & Forestry Associate / 1993 / Natural Resources / SUNY College of Technology at Morrisville				Master in Landscape Architecture / 2001 / Harvard University Bachelor of Landscape Architecture / 1995 / SUNY College of Environmental Science & Forestry Associate / 1991 / Applied Sciences Dual Degree / SUNY College of Technology at Alfred			
f. Active Registration: Year First Registered / Discipline / MA Registration Number 2005 / Landscape Architect / MA #1406				f. Active Registration: Year First Registered / Discipline / MA Registration Number 1999 / Landscape Architect / MA #1214			
g. Current Work Assignments and Availability for This Project:				g. Current Work Assignments and Availability for This Project:			
<ul style="list-style-type: none"> Quantum Elementary School – Schematic Design (with Arrowstreet) Neighborhood House School – Schematic Design Agawam High School – Schematic Design Boston College Multiple Campus Projects The Connors Center – Schematic Design Fox Hill Elementary School – Schematic Design Hatherly Elementary School – Schematic Design Killam Elementary School – Feasibility Phase Whittier Tech Vocational School – Design Development Wildwood Early Childhood Center – Feasibility Phase <p>Jade is available to begin work when required.</p>				<ul style="list-style-type: none"> Lincoln-Eliot Elementary School – Construction Administration (with Arrowstreet) Boston College Multiple Campus Projects Boston Parks & Recreation Department Flaherty Park – Construction Documents Consentino Middle School – Construction Documents Florence Roche Elementary School – Construction Administration Roxbury Prep High School – Construction Administration Swampscott Elementary School – Construction Administration Visual Impact Assessments for Commercial Wind Power – Reports <p>Kellie is available to begin work when required.</p>			
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)				h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)			
<ul style="list-style-type: none"> Brooke Charter High School (with Arrowstreet) Boston Children's Hospital Boston Parks & Recreation Department – Cassidy Park Franciscan Children's Hospital 				<ul style="list-style-type: none"> Brooke Charter High School (with Arrowstreet) Boardwalk Campus (with Arrowstreet) Boston Children's & Franciscan Children's Hospital 			

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a. Name and Title within Firm			a. Name and Title within Firm				
David M. Pereira, PE - Principal			Christopher M. Garcia, PE - Principal				
b. Project Assignment			b. Project Assignment				
Electrical and Data/Communications Engineer			Fire Protection and Plumbing Engineer				
c. Name and Address of Office in Which Individual Identified in 7a Resides:			c. Name and Address of Office in Which Individual Identified in 7a Resides:				
GGD Consulting Engineers, Inc. 375 Faunce Corner Road, Suite D Dartmouth, MA 02747		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	GGD Consulting Engineers, Inc. 375 Faunce Corner Road, Suite D Dartmouth, MA 02747		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE		
d. Yrs Experience w/ this firm:	25	w/ other firms:	0	d. Yrs Experience w/ this firm:	28	w/ other firms:	0
e. Education: Degree(s) / Year / Specialization			e. Education: Degree(s) / Year / Specialization				
Bachelor of Science / 2004 / Electrical Engineering / University of Massachusetts Dartmouth			Bachelor of Science / 1995 / Civil Engineering / University of Massachusetts Dartmouth				
f. Active Registration: Year First Registered / Discipline / MA Registration Number			f. Active Registration: Year First Registered / Discipline / MA Registration Number				
2010 / Electrical / MA #49310			2002 / Civil / MA #45034				
g. Current Work Assignments and Availability for This Project:			g. Current Work Assignments and Availability for This Project:				
<ul style="list-style-type: none"> Lincoln-Eliot Elementary School, Newton, MA (Addition/Renovation) (with Arrowstreet) Boardwalk Campus, Acton, MA (with Arrowstreet) Squantum Elementary School, Quincy, MA (with Arrowstreet) Availability: 40%			<ul style="list-style-type: none"> Brooke Charter Expansion Project, Boston, MA (Two Campuses/Add-Reno) (with Arrowstreet) Neighborhood House Charter School - Interior Fit-Up, Dorchester, MA (with Arrowstreet) Squantum Elementary School, Quincy, MA (with Arrowstreet) Availability: 40%				
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)			h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)				
Experienced (with Arrowstreet) <ul style="list-style-type: none"> Kipp Academy Lynn Collegiate-Nursery Renovation, Lynn, MA Alma Del Mar II Charter School, New Bedford, MA (New Const.) Benjamin Franklin Classical Charter Public School, Franklin, MA (New Const.) Blackstone Valley Prep High School Addition, Cumberland, RI Brooke Charter High School, Mattapan, MA (New Const.) King Open Cambridge Street Upper Schools, Cambridge, MA Kipp Academy Lynn Collegiate-Nursery Renovation, Lynn, MA Match Foundation School Third Floor Renovation, Boston, MA Dale Street Elementary School (Study-SD only) Hildreth Elementary School, Harvard, MA (Study-CA, New Const.) 			Experienced (with Arrowstreet) <ul style="list-style-type: none"> Kipp Academy Lynn Collegiate-Nursery Renovation, Lynn, MA Alma Del Mar II Charter School, New Bedford, MA (New Const.) Benjamin Franklin Classical Charter Public School, Franklin, MA (New Const.) Blackstone Valley Prep High School Addition, Cumberland, RI Brooke Charter High School, Mattapan, MA (New Const.) King Open Cambridge Street Upper Schools, Cambridge, MA Kipp Academy Lynn Collegiate-Nursery Renovation, Lynn, MA Match Foundation School Third Floor Renovation, Boston, MA Dale Street Elementary School (Study-SD only) Hildreth Elementary School, Harvard, MA (Study-CA, New Const.) 				

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a. Name and Title within Firm		a. Name and Title within Firm	
Dominick B. Puniello, PE, CEM, LEED AP - Principal		Mehul Dhruv, PE - Principal	
b. Project Assignment		b. Project Assignment	
Mechanical (HVAC) Engineer		Structural Engineering	
c. Name and Address of Office in Which Individual Identified in 7a Resides:		c. Name and Address of Office in Which Individual Identified in 7a Resides:	
GGD Consulting Engineers, Inc. 375 Faunce Corner Road, Suite D Dartmouth, MA 02747		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	Engineers Design Group, Inc. 350 Main Street Malden, MA 02148
d. Yrs Experience w/ this firm:	15	w/ other firms:	11
e. Education: Degree(s) / Year / Specialization	e. Education: Degree(s) / Year / Specialization		
Bachelor of Science / 1996 / Mechanical and Electrical Engineering / Roger Williams University		Master of Science / 1986 / Civil Engineering / Vanderbilt University Bachelor of Technology / 1985 / Civil Engineering / I. I. T.	
f. Active Registration: Year First Registered / Discipline / MA Registration Number		f. Active Registration: Year First Registered / Discipline / MA Registration Number	
2009 / Mechanical / MA #48326		1993 / Registered Professional Engineer / MA #37453	
g. Current Work Assignments and Availability for This Project:		g. Current Work Assignments and Availability for This Project:	
<ul style="list-style-type: none"> Lincoln-Eliot Elementary School (Renovations/Addition), Newton, MA (with Arrowstreet) Boardwalk Campus, Acton, MA (New Const.) (with Arrowstreet) Squantum Elementary School, Quincy, MA (with Arrowstreet) Availability: 40%		Tisbury ES – Tisbury, Paul Hanlon ES - Westwood, Samuel Adam ES – Boston, Kenney Middle School – Boston, Somerset Middle School – Somerset, Coakley Middle School - Norwood, Bird MS - Walpole, Shaw ES – Millbury, Barlett High School - Webster, Revere High School – Revere, Kennedy Middle School – Natick, Wahconah High School – Dalton, Global Learning Charter Public School - New Bedford, North East Metro Tech Regional Vocational High School – Wakefield. Mr. Dhruv available for this project.	
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)	
Experienced (with Arrowstreet) <ul style="list-style-type: none"> Kipp Academy Lynn Collegiate-Nursery Renovation, Lynn, MA Alma Del Mar II Charter School, New Bedford, MA (New Const.) Benjamin Franklin Classical Charter Public School, Franklin, MA (New Const.) Blackstone Valley Prep High School Addition, Cumberland, RI Brooke Charter High School, Mattapan, MA (New Const.) King Open Cambridge Street Upper Schools, Cambridge, MA Kipp Academy Lynn Collegiate-Nursery Renovation, Lynn, MA Match Foundation School Third Floor Renovation, Boston, MA Dale Street Elementary School (Study-SD only) Hildreth Elementary School, Harvard, MA (Study-CA, New Const.) 		Mr. Dhruv has been responsible for the design and construction of hundreds of educational facilities that involved both new construction and extensive renovations and additions and renovations. Relevant projects worked on in our office with Arrowstreet include: Alma Del Mar II (K-8) - New Bedford, Brooke Mattapan Charter School – Boston, Brooke Charter High School – Boston, Conservatory Lab Charter School – Boston, Excel Academy Charter School – East Boston, KIPP Elementary School – Boston, KIPP Lynn Elementary School. Other relevant project experience includes: Beverly Middle School, Central Middle School – Quincy, Central Middle School – Stoneham, Dedham Middle School, Galvin Middle School – Wakefield, Scituate Middle School, Hingham Middle School, Sterling Middle School – Quincy, Hannigan Elementary School – New Bedford, Hillside Elementary School – Needham, Bancroft Elementary School – Andover.	

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a. Name and Title within Firm		a. Name and Title within Firm					
Peter Bradley, LEED AP - Principal		Maria McKenna - Senior Estimator					
b. Project Assignment		b. Project Assignment					
Cost Estimating/Cost Control		Cost Estimating/Cost Control					
c. Name and Address of Office in Which Individual Identified in 7a Resides:		c. Name and Address of Office in Which Individual Identified in 7a Resides:					
PM&C 20 Downer Ave., Suite 5 Hingham, MA 02043		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	PM&C 20 Downer Ave., Suite 5 Hingham, MA 02043	<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE			
d. Yrs Experience w/ this firm:	14	w/ other firms:	20	d. Yrs Experience w/ this firm:	10	w/ other firms:	15
e. Education: Degree(s) / Year / Specialization		e. Education: Degree(s) / Year / Specialization					
BSc / Quantity Surveying (Cost Control, project finance) / 1988 AACE		BSc / 1993 / Quantity Surveying					
f. Active Registration: Year First Registered / Discipline / MA Registration Number		f. Active Registration: Year First Registered / Discipline / MA Registration Number					
N/A		N/A					
g. Current Work Assignments and Availability for This Project:		g. Current Work Assignments and Availability for This Project:					
Peter is currently working on the Galvin Middle School project. He is readily available to provide estimating and review services for this project.		Maria is currently working on the Scituate Hatherly Elementary School. She is readily available to provide estimating services for this project.					
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)					
<ul style="list-style-type: none"> • South Middle School, Braintree MA • Coakley Middle School, Norwood MA • Somerset Middle School, Somerset MA • Belmont Middle & High School, Belmont MA • Concord Middle School, Belmont MA • Torrington Middle School, Torrington CT 		<ul style="list-style-type: none"> • Gates Middle School, Scituate MA- New Construction • Chapman Middle School, Weymouth MA • Mattacheese Middle School, Dennis MA • Somerset Middle School, Somerset MA • Acton Boxborough Regional Junior High, Acton MA • Josiah Quincy Upper School, Boston MA 					

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a. Name and Title within Firm			a. Name and Title within Firm				
John Sousa - President			Mark Kalin, FAIA, FCSI, LEED AP - CEO				
b. Project Assignment			b. Project Assignment				
Foodservice Equipment Consulting			Specification Writer				
c. Name and Address of Office in Which Individual Identified in 7a Resides:			c. Name and Address of Office in Which Individual Identified in 7a Resides:				
Crabtree McGrath Associates, Inc. 161 West Main Street Georgetown, MA 01833		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	Kalin Associates Inc. PO Box 420 Natick, MA 01760		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE		
d. Yrs Experience w/ this firm:	22	w/ other firms:	10	d. Yrs Experience w/ this firm:	23	w/ other firms:	11
e. Education: Degree(s) / Year / Specialization			e. Education: Degree(s) / Year / Specialization				
Bachelor of Science / 1998 / Architectural Engineering			Bachelor of Science / 1975 / Architecture / The Ohio State University Bachelor of Arts in English / 1970 / English / University of Rochester				
f. Active Registration: Year First Registered / Discipline / MA Registration Number			f. Active Registration: Year First Registered / Discipline / MA Registration Number				
N/A			1980 / Architecture / MA #4657 1979 / Certified Construction Specifier, Construction Specifications Institute 2003 / LEED AP 2.0 Certified, U.S. Green Building Council				
g. Current Work Assignments and Availability for This Project: • Lowell High School - CA Phase John is available and able to devote 45% of his time to this project.			g. Current Work Assignments and Availability for This Project: Specifications for various projects, fully available for this project.				
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)			h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm) • Consultant, preparation of DCAM Standard Specifications, 2005, 2011 • Specification writer for over 90 MGL Chapter 149 filed sub-bid projects • Specification writer for over 20 MGL Chapter 30 public-bid projects • Specification writer for 180 USGBC LEED Registered Projects • Author, GreenSpec for Environmentally Responsible Materials, 1995 • Author, Architect's Guide to Massachusetts Energy Code, 2001 • Past-President, CSI/Boston, 2002 • Head of Specifications, Jung/Brannen Associates, Boston, MA 1981-1984 • Head of Specifications, Brown Daltas Associates, Cambridge, 1977-1981				

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a. Name and Title within Firm			a. Name and Title within Firm				
Pamela Perini, PSP - Principal			Steve Trask				
b. Project Assignment			b. Project Assignment				
Security and Emergency Management			Security and Emergency Management				
c. Name and Address of Office in Which Individual Identified in 7a Resides:			c. Name and Address of Office in Which Individual Identified in 7a Resides:				
Pamela Perini Consulting 20 Freemont Terrace Waltham, MA 02452		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input checked="" type="checkbox"/> WBE <input type="checkbox"/> SDVBE	Pamela Perini Consulting 20 Freemont Terrace Waltham, MA 02452		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input checked="" type="checkbox"/> WBE <input type="checkbox"/> SDVBE		
d. Yrs Experience w/ this firm:	15	w/ other firms:	27	d. Yrs Experience w/ this firm:	3	w/ other firms:	33
e. Education: Degree(s) / Year / Specialization			e. Education: Degree(s) / Year / Specialization				
Bachelor of Fine Arts / Economics			Bachelor of Science / Criminal Justice / Westfield State College Master of Public Administration / Framingham State University				
f. Active Registration: Year First Registered / Discipline / MA Registration Number			f. Active Registration: Year First Registered / Discipline / MA Registration Number				
2014 / PSP / Physical Security Professional with ASIS International			N/A				
g. Current Work Assignments and Availability for This Project:			g. Current Work Assignments and Availability for This Project:				
<ul style="list-style-type: none"> • Swampscott Hadley Middle School Project • Revere High School Project • Brookline Pierce School Project • Westfield Franklin Ave Middle School Project • Tisbury Elementary School Project • Leominster Public Safety Facility Project • Brockton Public Safety Project • Revere High School Project • Winchester Lynch School Project • Walpole High School Project • Squantum Middle School Project • Bristol-Warren School District Project <p>Available for this project.</p>			<ul style="list-style-type: none"> • Westfield Franklin Ave Middle School Project • Brockton Public Safety Building Project • Leominster Public Safety Building Project • Swampscott Hadley School Project • Brookline Pierce School Project • Revere High School Project • Winchester Lynch School Project • Bristol-Warren School District Project <p>Available for this project.</p>				
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)			h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)				
<ul style="list-style-type: none"> • Dale Street Elementary School - Medfield, MA (with Arrowstreet) • Easton Early Elementary School Project - Easton, MA • Dennis-Yarmouth Intermediate Middle School Project - South Yarmouth, MA • Braintree South Middle School - Braintree, MA 			<p>Currently part-time director of security, Westwood Public Schools</p> <ul style="list-style-type: none"> • High School, School Committee (2011-2019) Tri-County Regional • Vocational Tech School, Franklin MA • MIAA Board of Directors (2016-2019) • Superintendent Of Schools Search Committee, Franklin, MA • Former Director of Emergency Management Framingham, MA • Former Chief of Police Framingham, MA • 33 Years in Public Safety Framingham Police Department (Retired) 				

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm		a. Name and Title within Firm					
Thomas J. Gustafson, PE - Vice President, New England Operations		David Gorden, BCES, CWS, CPSS - Program Manager					
b. Project Assignment		b. Project Assignment					
Environmental Permitting, Geo-environmental Engineering, Hazardous Materials		Environmental Permitting, Geo-environmental Engineering, Hazardous Materials					
c. Name and Address of Office in Which Individual Identified in 7a Resides:		c. Name and Address of Office in Which Individual Identified in 7a Resides:					
PEER Consultants, P.C. 10 Mall Road, Suite 301 Burlington, MA 01803		<input checked="" type="checkbox"/> MBE <input type="checkbox"/> VBE <input checked="" type="checkbox"/> WBE <input type="checkbox"/> SDVBE	PEER Consultants, P.C. 10 Mall Road, Suite 301 Burlington, MA 01803	<input checked="" type="checkbox"/> MBE <input type="checkbox"/> VBE <input checked="" type="checkbox"/> WBE <input type="checkbox"/> SDVBE			
d. Yrs Experience w/ this firm:	13	w/ other firms:	11	d. Yrs Experience w/ this firm:	11	w/ other firms:	19
e. Education: Degree(s) / Year / Specialization		e. Education: Degree(s) / Year / Specialization					
Bachelor of Science / Civil Engineering / 1987 / Northeastern University AS Civil Engineering Technology / 1983 / University of Maine		Master of Science / Plant & Soil Science/ 1994 / University of Massachusetts, Amherst Bachelor of Science / Environmental Science & Management/ 1991 / University of Rhode Island					
f. Active Registration: Year First Registered / Discipline / MA Registration Number		f. Active Registration: Year First Registered / Discipline / MA Registration Number					
1995 / Professional Engineer (Civil) / MA #38755		2012 / Asbestos Inspector / MA #AI900459 2016 / Asbestos Designer / MA #AD900373 2017 / Asbestos Management Planner / MA #AP900468 2018 / Asbestos Project Monitor / MA #AM900674 2017 / Lead Safe Renovation Supervisor / MA #17-0551-373-251190 2003 / Certified Wetland Scientist #226 1991 / Certified Professional Soil Scientist #4322					
g. Current Work Assignments and Availability for This Project:		g. Current Work Assignments and Availability for This Project:					
Principal in Charge, Senior Project Manager, Managing Technical Staff at PEER, and day-to-day operations of New England operations; Directly Working on MWRA Subsurface field-testing programs and permitting support; Various Wastewater and Water Facility Operations & Maintenance Manual development; PhotoVoltaic Solar development design; and Construction phase project management and administration tasks. Availability 15%		Hazardous Building Material Surveys, Surface and Subsurface Soil and Groundwater Investigations for Oil and Hazardous Materials, and Natural Resource and Wetland Delineation and Permitting on various projects in Education, Housing, Healthcare, and at City/Town and other Municipal Buildings and Complexes. Availability 35%					
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)					
<ul style="list-style-type: none"> • Town of Milton Stormwater Management Plan • MWRA – Northern Extra High Alternatives Analysis, Subsurface Field Testing Program Lexington and Arlington, MA • BWSC – Stormwater Model Validation Study – Water Quality Field Testing Program, Boston, MA • Hull Wastewater Treatment Facility – Existing Conditions Assessment, Hull, MA 		<ul style="list-style-type: none"> • Milton Housing Authority (Various) – Hazardous Building Materials, Milton, MA • Blue Hills Observatory, Hazardous Building Materials, Milton, MA • Winslow School, Hazardous Building Materials, Tyngsborough, MA • Boston Community Charter School, Hazardous Building Materials, Boston, MA • DeValles Elementary School, Regulated Building Materials, New Bedford, MA • Bourne Middle School, Hazardous Building Materials, Bourne, MA 					

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm				a. Name and Title within Firm			
Vamshi Gooje, LEED AP BD+C, BEMP, CEM - Associate Principal				Rebecca Rahmlow, AIA, NCARB, LEED AP BD+C, CPHC, ENV SP, LFA			
b. Project Assignment				b. Project Assignment			
Sustainability Principal-in-Charge				Sustainability Project Manager			
c. Name and Address of Office in Which Individual Identified in 7a Resides:				c. Name and Address of Office in Which Individual Identified in 7a Resides:			
Thornton Tomasetti 14 York St., Suite 201 Portland, ME 04101		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE		Thornton Tomasetti 14 York St., Suite 201 Portland, ME 04101		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	
d. Yrs Experience w/ this firm:	15	w/ other firms:	4	d. Yrs Experience w/ this firm:	1	w/ other firms:	15
e. Education: Degree(s) / Year / Specialization				e. Education: Degree(s) / Year / Specialization			
Master of Science / 2004 / Building Design / Arizona State University Bachelor of Architecture / 2000 / Jawaharlal Nehru Technological University, India				Master of Science in Architecture / 2008 / History, Theory, and Criticism of Architecture / Massachusetts Institute of Technology Bachelor of Architecture / 2006 / Architecture / Carnegie Mellon University			
f. Active Registration: Year First Registered / Discipline / MA Registration Number				f. Active Registration: Year First Registered / Discipline / MA Registration Number			
LEED Accredited Professional, Building Design + Construction, U.S. Green Building Council; Building, Energy Modeling Professional (BEMP), ASHRAE; Certified Energy Manager (CEM), The Association of Energy Engineers				2014 / Registered Architect / MA #50679 AR 2009 / LEEP AP / GBCI#: 0010473574 2021 / Certified Passive House Consultant 2023 / Envision Sustainability Professional 2023 / Living Future Accredited (LFA)			
g. Current Work Assignments and Availability for This Project:				g. Current Work Assignments and Availability for This Project:			
<ul style="list-style-type: none"> Revere High School, Revere, MA Torrington High School, Torrington, CT University of New Hampshire, Hetzel Hall, Durham, NH Availability is 15%				<ul style="list-style-type: none"> Fort River Elementary School Boardwalk Campus (with Arrowstreet) Availability is 35%			
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)				h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)			
Vamshi Gooje has over 19 years of experience and heads the Building Analytics group for the Sustainability practice. Vamshi is an expert in building science related to whole building energy, daylighting and thermal comfort. He is proficient in a range of energy simulation engines, including EnergyPlus, DOE 2.2 and Radiance. Relevant projects include:				Rebecca has over 15 years of experience in the architecture and design field as a registered architect in addition to her time at Thornton Tomasetti in sustainability consulting. She has experience working on public projects as well as existing and historic buildings, new construction, and interior fit-out work. Relevant projects include:			
<ul style="list-style-type: none"> Boardwalk Campus, Acton, MA (with Arrowstreet) Town of Acton, Facilities Decarbonization Study, Acton, MA (with Arrowstreet) Middleborough High School, Middleborough, MA MSAD 75, Topsham, ME Morse High School and Bath Regional Career & Technical Center, Bath, ME Oxford Middle School, Oxford, CT New London High School, New London, CT 				<ul style="list-style-type: none"> Newton Countryside Elementary School, Newton Highlands, MA Fort River Elementary School, Amherst, MA SUNY Environmental School of Forestry, Gateway Building, Syracuse, NY University of Massachusetts Amherst, School of Public Health and Health Sciences (SPHHS), Amherst, MA 			

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm		a. Name and Title within Firm					
Abdelmadjid M. Lahlaif, Ph.D., PE - Principal Engineer		Nicholas Proulx					
b. Project Assignment		b. Project Assignment					
Geotechnical Engineer/Project Manager		Geotechnical Engineering Representative					
c. Name and Address of Office in Which Individual Identified in 7a Resides:		c. Name and Address of Office in Which Individual Identified in 7a Resides:					
Lahlaif Geotechnical Consulting, Inc. 100 Chelmsford Road, Suite 100 Billerica, MA 01862		<input checked="" type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	Lahlaif Geotechnical Consulting, Inc. 100 Chelmsford Road, Suite 100 Billerica, MA 01862	<input checked="" type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE			
d. Yrs Experience w/ this firm:	18	w/ other firms:	15	d. Yrs Experience w/ this firm:	5	w/ other firms:	0
e. Education: Degree(s) / Year / Specialization		e. Education: Degree(s) / Year / Specialization					
Ph.D. / 1991 / Civil Engineering Master of Science / 1987 / Civil Engineering		Master of Science / 2019 / Civil Engineering Bachelor of Science / 2016 / Ocean Engineering					
f. Active Registration: Year First Registered / Discipline / MA Registration Number		f. Active Registration: Year First Registered / Discipline / MA Registration Number					
1996 / MA #39814		N/A					
g. Current Work Assignments and Availability for This Project:		g. Current Work Assignments and Availability for This Project:					
55% to 65% Available		65% to 75% Available					
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)					
Worked on numerous public elementary school projects, including most recently (or currently), Pierce Elementary School in Brookline, MA, South Braintree Middle School, Braintree, MA, Hannigan School in New Bedford, MA, Tisbury Elementary School in Tisbury, Burrell Elementary School in Foxborough, MA, Nelson Place Elementary School in Worcester, MA, Athol Elementary School in Athol, MA, Hildreth Elementary School in Harvard, MA (with Arrowstreet), Richer Elementary School in Marlborough, MA, Ludlow Elementary School in Ludlow, MA, Manchester Memorial Elementary School in Manchester-by-the-Sea, MA, Balmer Elementary School in Northbridge, MA, and Hardy Elementary School in Arlington, MA. We are also currently working on Somerville High School, Billerica Memorial High School, Minuteman Technical High School, Lexington, MA, and many other K-12 schools. Work includes planning and supervising subsurface exploration programs, performing analyses and preparing geotechnical reports with foundation design and construction recommendations, preparing earthwork specifications, and observing earthwork operations during construction. Made cost saving recommendations for reclaiming and improving onsite materials for reuse on many projects.		Reviewed contract drawings and specifications, and observed the geotechnical aspect of foundations during construction for numerous public school projects, including most recently (or currently), Billerica Memorial High School in Billerica, MA, Hosmer and Cunniff Elementary Schools, Watertown, MA, Hildreth Elementary School in Harvard, MA (with Arrowstreet), Boardwalk Campus in Acton, MA (with Arrowstreet), Wareham Elementary School in Wareham, MA, Nauset Regional High School, Eastham, MA, Durfee High School in Fall River, MA, Attleboro High School in Attleboro, MA, Braintree South Middle School in Braintree, MA, and Kennedy Middle School, Natick, MA. Also, Mixed Use Development, Dorchester, MA, Addition at Grafton Library, Grafton, MA, Affordable Housing in Taunton, MA, City Hall Additions, Taunton, MA and Fire Station, North Acton, MA, Public Safety Facility, Dedham, MA and Center for Active Living, Sandwich, MA.					

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm		a. Name and Title within Firm					
Robert J. Michaud, PE - Managing Principal		Todd Tsiang - Principal					
b. Project Assignment		b. Project Assignment					
Traffic		FF&E					
c. Name and Address of Office in Which Individual Identified in 7a Resides:		c. Name and Address of Office in Which Individual Identified in 7a Resides:					
MDM Transportation Consultants, Inc. 28 Lord Road, Suite 280 Marlborough, MA 01752		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	Todd Tsiang 341 Albemarle Rd. Newtonville, MA 02460	<input checked="" type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE			
d. Yrs Experience w/ this firm:	20	w/ other firms:	15	d. Yrs Experience w/ this firm:	22	w/ other firms:	15
e. Education: Degree(s) / Year / Specialization		e. Education: Degree(s) / Year / Specialization					
MSCE / 1999 / Transportation / Northeastern University BSCE / 1988 / Worcester Polytechnic Institute		Bachelor of Fine Arts / 1983 / Interior Design / University of Massachusetts, Amherst Master of Business Administration / 1985 / George Washington University					
f. Active Registration: Year First Registered / Discipline / MA Registration Number		f. Active Registration: Year First Registered / Discipline / MA Registration Number					
1994 / Civil / MA #38101		N/A					
g. Current Work Assignments and Availability for This Project:		g. Current Work Assignments and Availability for This Project:					
Mr. Michaud is Managing Principal of MDM responsible for production of and technical oversight for the Firm's transportation studies and permitting. He is supported by a four (4) member engineering staff with capacity to fully engage the assignment immediately.		<ul style="list-style-type: none"> Newton Early Childhood Program – Newton, MA (with Arrowstreet) Todd is available to work on this project. 					
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)					
MDM, under the direction and oversight by Mr. Michaud, has prepared traffic and circulation studies to support permitting for numerous school projects including: <ul style="list-style-type: none"> Lincoln-Eliot Elementary School, Newton, MA (with Arrowstreet) Newton Early Childhood Program, Newton, MA (with Arrowstreet) Benjamin Franklin Classical Charter Public School (K-8), Franklin, MA (with Arrowstreet) Brooke Charter High School, Boston, MA (with Arrowstreet) MSBA Bresnahan Model School (K-3), Newburyport, MA MSBA Florence-Roche Elementary School, Groton, MA Excel Academy Greenway (5-8), Boston, MA Boston Preparatory Charter School, Boston, MA (6-12) 		DRA Architects from 1986 – 1997 <ul style="list-style-type: none"> Associate: 1994 – 1997 Director of Interior Design: 1995 – 1997 Lowell, MA: five new elementary schools – FF&E, interior design Adams (MA) Cheshire Regional School District: elementary school renovation – FF&E, interior design Seekonk, MA: Mildred H. Aitken Elementary School – FF&E, interior design IOI Inc.: 1997-2000 – Partner <ul style="list-style-type: none"> Worcester State University: Ghosh Science and Technology Center – FF&E Siena College: J. Spencer and Patricia Standish Library – FF&E, interior design Elon University: Carol Grotnes Belk Library – FF&E, interior design 					

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm		a. Name and Title within Firm					
Danielle H. Spicer, PE, LEED AP - Stormwater & Permitting Group Leader		Patrick Schppard, PLS - Survey Supervisor					
b. Project Assignment		b. Project Assignment					
Civil/Site Project Manager		Project Surveyor					
c. Name and Address of Office in Which Individual Identified in 7a Resides:		c. Name and Address of Office in Which Individual Identified in 7a Resides:					
Green International Affiliates, Inc. 100 Ames Pond Drive, Suite 200 Tewksbury, MA 01876		<input checked="" type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE		Green International Affiliates, Inc. 100 Ames Pond Drive, Suite 200 Tewksbury, MA 01876		<input checked="" type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	
d. Yrs Experience w/ this firm:	12	w/ other firms:	14	d. Yrs Experience w/ this firm:	6	w/ other firms:	20
e. Education: Degree(s) / Year / Specialization		e. Education: Degree(s) / Year / Specialization					
Bachelor of Science / 1998 / Civil Engineering		Bachelor of Science / 1987 / Environmental Design / University of Massachusetts, Amherst					
f. Active Registration: Year First Registered / Discipline / MA Registration Number		Certificate / 2006 / Professional Land Surveying					
2005 / Professional Engineer (Civil) / #46067		f. Active Registration: Year First Registered / Discipline / MA Registration Number					
g. Current Work Assignments and Availability for This Project:		2010/ Professional Land Surveyor/ MA #48436					
Various State Agency Projects: 40% Various Municipal Projects: 10% Various Civil/Site Projects: 20% Availability: 30%		g. Current Work Assignments and Availability for This Project: Various State Agency Projects: 60% Various Municipal Projects: 10% Availability: 30%					
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)					
Ms. Spicer's civil engineering career spans 25 years and encompasses a wide range of project types that include institutional, residential, commercial, industrial, roadway/highway, and subdivision projects. Her background features extensive experience in drainage design, stormwater management, and hydrology. She also has an in-depth understanding of local, state, and federal permitting requirements that are critical to the success of any project. As Project Manager, she has proven experience in effectively managing projects from the initial stages to completion while keeping projects on schedule and within budget. Relevant projects include:		Mr. Schppard has over 25 years of experience on various types of land surveying projects. He has directed or performed horizontal and vertical control surveys utilizing GPS, robotic and non-robotic total stations, topographic and utility research and determination, and property/right-of-way research and determination. He has directed the preparation of existing conditions plans, as-built surveys, ALTA/ACSM land title survey plans, highway alteration plans, and subdivision and condominium plans, along with proposed easement and right-of-way plans. Pat has also prepared legal descriptions for existing and proposed parcels. He currently supervises technical aspects of survey crews and is responsible for all survey plan production requiring a land surveyor's certification. Relevant projects include:					
<ul style="list-style-type: none"> • Squantum Elementary School Feasibility Study, Quincy, MA (with Arrowstreet) • Excel Academy Expansion and Renovation, Providence, RI (with Arrowstreet) • Cambridge School of Weston, New Health & Fitness Center, Weston, MA • St. Mark's School, New Dormitory, Southborough, MA • Haverhill High School Athletic Campus, Track Improvements, Haverhill, MA • Brighton High School/Simmons College, Daly Field Renovations, Boston, MA 		<ul style="list-style-type: none"> • Fessenden School Campus Master Plan, Newton, MA • Perkins School for the Blind, Grousbeck Centers for Students and Technology, Watertown, MA • Harvard University, Kennedy School Of Government/Pound Hall, Cambridge, 					

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm		a. Name and Title within Firm					
Carrie Hawley - Senior Principal, CEO		Michelle Tessier - Senior Associate					
b. Project Assignment		b. Project Assignment					
Principal-in-Charge		Project Manager					
c. Name and Address of Office in Which Individual Identified in 7a Resides:		c. Name and Address of Office in Which Individual Identified in 7a Resides:					
HLB Lighting Design 200 State St., Suite 325 Boston, MA 02109		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input checked="" type="checkbox"/> WBE <input type="checkbox"/> SDVBE	HLB Lighting Design 200 State St., Suite 325 Boston, MA 02109	<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input checked="" type="checkbox"/> WBE <input type="checkbox"/> SDVBE			
d. Yrs Experience w/ this firm:	26	w/ other firms:	3	d. Yrs Experience w/ this firm:	11	w/ other firms:	1
e. Education: Degree(s) / Year / Specialization		e. Education: Degree(s) / Year / Specialization					
Master of Science in Lighting, Architecture / 1995 / Rensselaer Polytechnic Institute Bachelor of Environmental Design, Architecture / 1993 / Miami University		Bachelor of Science / 2012 / Architecture / Wentworth Institute of Technology					
f. Active Registration: Year First Registered / Discipline / MA Registration Number		f. Active Registration: Year First Registered / Discipline / MA Registration Number					
N/A		N/A					
g. Current Work Assignments and Availability for This Project:		g. Current Work Assignments and Availability for This Project:					
<ul style="list-style-type: none"> Brandeis University Science Phase 2 Pierce School Seaport Circle Towson University Smith Hall UMass Amherst Manning CICS UMass Amherst SEL Wakefield Memorial High School 10%		<ul style="list-style-type: none"> Case Western Reserve University ISEB Massasoit CC Renovation Pierce School Smithsonian Bezos Learning Center UMass Dartmouth LARTS Renovation University of Cincinnati Housing White Stadium 40%					
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)					
<ul style="list-style-type: none"> Bartlett High School Billerica Memorial High School Braintree South Middle School Brookline High School Lexington High School Noble and Greenough School The Carter School Wakefield Memorial High School 		<ul style="list-style-type: none"> Bartlett High School Brookline High School Lexington High School Noble and Greenough School Pierce School Stoneham High School The Carter School Waltham High School 					

7

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm		a. Name and Title within Firm					
Kent F. McKelvie - Principal		Edward P. O'Neill - Senior Consultant					
b. Project Assignment		b. Project Assignment					
Acoustics		Acoustics					
c. Name and Address of Office in Which Individual Identified in 7a Resides:		c. Name and Address of Office in Which Individual Identified in 7a Resides:					
Cavanaugh Tocci Associates, Inc. 327 F Boston Post Road Sudbury, MA 01776		<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE	Cavanaugh Tocci Associates, Inc. 327 F Boston Post Road Sudbury, MA 01776	<input type="checkbox"/> MBE <input type="checkbox"/> VBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVBE			
d. Yrs Experience w/ this firm:	10	w/ other firms:	9	d. Yrs Experience w/ this firm:	7	w/ other firms:	0
e. Education: Degree(s) / Year / Specialization		e. Education: Degree(s) / Year / Specialization					
Bachelor of Science / 2004 / Engineering Physics / Oregon State University		Bachelor of Arts / 2016 / Physics / College of the Holy Cross Master of Science / 2020 / Mechanical Engineering / Worcester Polytechnic Institute					
f. Active Registration: Year First Registered / Discipline / MA Registration Number		f. Active Registration: Year First Registered / Discipline / MA Registration Number					
Institute of Noise Control Engineering – Board Certified Professional Engineer (Acoustics) / OR #81082PE		N/A					
g. Current Work Assignments and Availability for This Project:		g. Current Work Assignments and Availability for This Project:					
Availability will be 10% for this project.		Availability will be 20% for this project.					
h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)		h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)					
Prior experience with renovations and new construction of K-12 schools throughout New England, and the Pacific Northwest. Kent McKelvie and Cavanaugh Tocci are familiar with all aspects of the various school acoustics standards currently in place, including LEED for Schools, MA-CHPS, NE-CHPS, ANSI S12.60, etc., and can provide written documentation as necessary to certify the acoustic performance of schools. Kent's Prior experience on K-12 schools includes principal consultant role and project management for acoustics consulting in the areas of room acoustics, sound isolation, interior/exterior noise control, and environmental acoustic review and recommendations.		Prior experience with renovations and new construction of K-12 schools throughout New England. Prior experience on K-12 schools includes project management for acoustics consulting in the areas of room acoustics, sound isolation, interior/exterior noise control, and environmental acoustic review and recommendations.					

7

Brief Resume of ONLY those Prime Applicant and Sub-Consultant personnel requested in the Advertisement. Include Resumes of Project Managers. Resumes should be consistent with the persons listed on the Organizational Chart in Question #6. Additional sheets should be provided only as required for the number of Key Personnel requested in the Advertisement and they must be in the format provided. By including a Firm as a Sub-Consultant, the Prime Applicant certifies that the listed Firm has agreed to work on this Project, should the team be selected.

a. Name and Title within Firm

Alexander Bagnall - Principal

b. Project Assignment

Audiovisual

c. Name and Address of Office in Which Individual Identified in 7a Resides:

Cavanaugh Tocci Associates, Inc.

327 F Boston Post Road
Sudbury, MA 01776

MBE VBE
 WBE
 SDVBE

d. Yrs Experience w/
this firm: 16 w/ other firms: 4

e. Education: Degree(s) / Year / Specialization

Master of Fine Arts / Technical Design & Production / 2000 / Yale School of
Drama

Bachelor of Arts / Theater / 1993 / Oberlin College

f. Active Registration: Year First Registered / Discipline / MA Registration Number

N/A

g. Current Work Assignments and Availability for This Project:

- Middletown Middle/High School
- East Longmeadow High School
- Pickering Middle School

h. Other Experience and Qualifications Relevant to the Proposed Project: (Identify Firm by Which Employed, If Not Current Firm)

Lecturer at Yale School of Drama for Theatre Engineering course.

- Principal consultant for the following projects:
- Rogers High School
- Hopkins School Performing Arts Building
- Bristol Reynolds Town Meeting Space
- Walpole Middle School
- Arlington High School
- Boston Arts Academy

8a

Current and Relevant Work By Prime Applicant or Joint-Venture Members. Include ONLY Work Which Best Illustrates Current Qualifications In The Areas Listed In The DSB Advertisement (List Up To But Not More Than 5 Projects).

	a. Project Name and Location Principal-In-Charge	b. Brief Description of Project and Services (Include Reference to Relevant Experience)	c. Client's Name, Address and Phone Number. Include Name Of Contact Person	d. Completion Date (Actual Or Estimated)	e. Project Cost (In Thousands)	
					Construction Costs (Actual, Or Estimated If Not Completed)	Fee For Work For Which Firm Was Responsible.
1	Boardwalk Campus Acton, MA PIC: Laurence Spang, AIA, LEED AP	Programming, Planning, and Design for new educational facility that combines two separate K-6 schools and preschool into a single, high -performing net zero energy and water building.	Acton-Boxborough Regional School District 15 Charter Road Acton, MA 01720 Peter Light, Superintendent (978) 264-4700	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$9,136 Actual



When the Acton-Boxborough Regional School District looked to bring two K-6 schools and nine preschool classrooms together into one facility, they knew it also had to be environmentally sustainable and fit within the town's surroundings. Situated along a brook, the new Boardwalk Campus celebrates the environmentally protected wetland resources as a teaching tool with outdoor spaces for play and learning grouped by age development. It is designed to be net zero energy and net zero water reflecting the District's commitment towards the future.

Relevance to Milton

- 130 student Pre-K early education center consolidated with two elementary schools
- Robust community engagement process
- Tight, occupied site with close proximity to wetlands
- Net Zero energy and water

“(Arrowstreet’s) ability to apply architectural expertise to our vision of education has led us to a design of a building that will have positive impacts on student learning in our district for decades.”

—Marie Altieri, Deputy Superintendent,
Acton-Boxborough Regional School District



The three-story school features classrooms designed for future learning with easy access and visual connection to small group learning areas and break out rooms for student services or individual instruction. Two STEAM labs allow students to explore the discovery of making things while a two-story media center connects the Gates and Douglas schools as a hub at the center of the building overlooking the brook. The school is designed to allow for activity and learning to happen both inside and out of the classroom. A great emphasis has been placed on maximizing exterior views to nature and designing learning spaces with healthy materials.

8a Current and Relevant Work By Prime Applicant or Joint-Venture Members. Include ONLY Work Which Best Illustrates Current Qualifications In The Areas Listed In The DSB Advertisement (List Up To But Not More Than 5 Projects).						
	a. Project Name and Location Principal-In-Charge	b. Brief Description of Project and Services (Include Reference to Relevant Experience)	c. Client's Name, Address and Phone Number. Include Name Of Contact Person	d. Completion Date (Actual Or Estimated)	e. Project Cost (In Thousands)	
					Construction Costs (Actual, Or Estimated If Not Completed)	Fee For Work For Which Firm Was Responsible.
2	Brooke Charter High School Mattapan, MA PIC: Laurence Spang, AIA LEED AP	Cost effective high school with 8th grade academy	Brooke Charter Schools 190 Cummings Highway Roslindale, MA 02131 Jon Clark, Network Co-Director (617) 325-7977	2018 Actual	\$33,800 Actual	\$1,150 Actual



“Brooke Charter High School is a 21st century school designed for success.”
—Marty Walsh, Mayor, City of Boston

Brooke Charter High School is a 93,000 SF school for 600 students in grades 9-12 and 180 students in an Eighth Grade Academy on the top floor of the building. After working with Arrowstreet on the renovation of their K-8 building in Mattapan, Brooke hired Arrowstreet to complete the planning, programming, and design for their new High School. The building includes core and specialty classrooms, gymnasium, auditorium, administrative, and other support spaces. Classrooms are organized into an efficient bar along American Legion Highway, improving efficiency and reducing overall building costs. The gymnasium, auditorium, and cafeteria are strategically located to create individual spaces that connect the building to the neighborhood and the landscape. The south-facing courtyard forms the heart of the school, creating a focus for the cafeteria and other educational spaces.

Relevance to Milton

- Efficient building form on steeply sloping site.
- Math, science and robotics rooms centrally located to encourage student engagement
- Cost effective building completed on highly accelerated schedule

8a Current and Relevant Work By Prime Applicant or Joint-Venture Members. Include ONLY Work Which Best Illustrates Current Qualifications In The Areas Listed In The DSB Advertisement (List Up To But Not More Than 5 Projects).						
	a. Project Name and Location Principal-In-Charge	b. Brief Description of Project and Services (Include Reference to Relevant Experience)	c. Client's Name, Address and Phone Number. Include Name Of Contact Person	d. Completion Date (Actual Or Estimated)	e. Project Cost (In Thousands)	
					Construction Costs (Actual, Or Estimated If Not Completed)	Fee For Work For Which Firm Was Responsible.
3	King Open/Cambridge Street Upper Schools & Community Complex (in association with William Rawn Associates) Cambridge, MA PIC: Laurence Spang, AIA, LEED AP	Programming, planning, and design for new Pre-K, K-5, and 6-8 schools. First net zero emissions school in Massachusetts. LEEDv4 Platinum	City of Cambridge 795 Massachusetts Ave. Cambridge, MA 02139 James P. Maloney (617) 349-6494	2019 Actual	\$130,000 Actual	\$3,220 Actual



Winner: 2022 AIA National Education Facilities Design Award

Relevance to Milton

- High performing Middle School co-located with Pre-K classrooms
- Focus on STEAM education spaces with learning labs, Maker Spaces, and Art/Music rooms prominently located
- Healthy materials and finishes
- First Net Zero Emissions school in Massachusetts Low EUI of 25

“Throughout the project the District partnered with Arrowstreet in all aspects of the complex from feasibility and programming through design and construction. Arrowstreet’s knowledge and expertise in school design and operation was crucial to the project’s success as they led our teachers through planning and design.”

—Jim Maloney, Chief Operating Officer, Cambridge Public Schools

As the school designer for the complex, Arrowstreet was responsible for the programming, planning, design, and sustainability of two distinct schools for K-8 students with shared common spaces that include a flexible Learning Commons. Each school retains its own unique identity and educational vision with their own entrances and a personalized program and interior scheme for each grade level.

We worked with the City of Cambridge to leverage the entire complex as a fully utilized community resource, allowing for after-hours and weekend use of the facilities for both the surrounding neighborhood and the entire Cambridge community.

The project is net zero emissions and a pilot project for the Net Zero Cambridge Plan. Human comfort and health are also integrated into the design through daylighting, material selections, physical and visual connections with the outdoors, and thermal comfort.

8a

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4	Benjamin Franklin Classical Charter Public School Franklin, MA PIC: Laurence Spang, AIA, LEED AP	K-8 school serves 14 communities. Pre-fabricated structure enables the school to be constructed on a tight budget and schedule	Benjamin Franklin Classical Charter Public School 500 Financial Park Franklin, MA, 02038 Heather Zolnowski, School Head (508) 541-3434	2019 Actual	\$19,700 Actual	\$1,130 Actual



"This building affords us the ability to strengthen our academic program, to build hands on experiences into our academic goals and objectives, and to provide after hours programming to support our students and families."

— Heather Zolnowski, Head of School, Benjamin Franklin Classical Charter Public School

Arrowstreet has worked with the Benjamin Franklin Classical Charter Public School on a new K-8 elementary school located on a beautiful natural site in Franklin MA. The U-shaped building can house up to 900 students and was inspired by the local landscapes and traditional forms with modern interpretation, such as bold gable-end forms, large punched windows, crisp detailing, and a mix of reflective and naturalistic materials.

The arts wing, called the "Gallery," includes a double-height commons and terraced learning stair. With two playgrounds, teaching courtyard connected to the commons, playing field, and educational gardens.

Relevance to Milton

- Upper (6-8) and lower schools (K-5) located in the same facility
- Classroom neighborhoods help reduce the scale of the large building
- Building form helps integrate the school with the rural environment
- Cost effective design and accelerated schedule

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					Construction Costs (Actual, Or Estimated If Not Completed)	Fee For Work For Which Firm Was Responsible.
5	Hildreth Elementary School Harvard, MA PIC: Laurence Spang, AIA, LEED AP	<ul style="list-style-type: none"> • PK-5 grade elementary school • New construction • Honors Town's heritage while creating an opportunity for 21st Century Learning 	Harvard Public Schools 39 Massachusetts Avenue Harvard, MA 01451 Linda Dwight, Superintendent (978) 456-4140	2021 Actual	\$44,053 Actual	\$4,260 Actual



Hildreth Elementary School is a new PK-5 elementary school for the Town of Harvard. The project site, adjacent to the current school, presented an opportunity to create a new environment for 21st-century learning that meets the educational vision of this high-performing school district while also respecting the character and values of the historical community.



Relevance to Milton

- Innovative learning spaces
- Robust community engagement process involving many stakeholders
- Healthy, high-performing building
- Break-out spaces integrated into classroom entries offering educational inclusivity

“Arrowstreet understands education and their work with the Town of Harvard proved this. They spent the time with our community members through public forums and meetings to be sure that the town members felt comfortable approving a large expenditure for our community.”

—Linda Dwight, Superintendent,
Harvard Public Schools



The new school feature 26 core classrooms for Grades PK-5, including classrooms for specialists, gymnasium, cafeteria, and media center.

The school incorporates flexible learning spaces that accommodate large groups, small group, and individual learning experiences, as well as an Innovation STEM lab. The media center is located at the heart of the school, both physically and functionally. The latest technology is integrated into all learning spaces.

The site includes a playground area, playing fields, bus drop-off lane, clear pick-up/drop-off zone, and will house the District Administrative Offices.

Sustainability features include ultra-low EUI, displacement ventilation, PV ready and a high performing exterior envelope.

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Sub-Consultant Name: Arrowstreet Inc. – Sustainability & Building Performance						
(1)	Dale Street Elementary School Medfield, MA Laurence Spang, AIA, LEED AP	Feasibility Study and Schematic Design for a new, grades 4-5 elementary school intended to be high performing, Net Zero Emissions with a geothermal system and focus on occupant wellness. Arrowstreet completed a unique, detailed assessment to understand the full costs and savings of a net zero building. The results of the study showed that Net Zero would save money and be cash flow positive from day one. Projected EUI: 24	Medfield Public Schools 459 Main Street, Third Floor Medfield, MA 02052 Jeffrey J. Marsden (508) 359-2302	2021 Feasibility /Schematic Design Completed	\$64,525 Estimate	\$650 Actual
(2)	Boardwalk Campus Acton, MA Laurence Spang, AIA, LEED AP	The Acton-Boxborough Regional School District, envisioned a facility that brings together three school programs under one roof. It will be a high-performing, healthy, net-zero energy/water/waste school that uses the environmentally protected site as a teaching tool, enhancing the local resources. NE-CHPS verification pending. EUI: 24	Acton-Boxborough Regional School District 15 Charter Road Acton, MA 01720 Peter Light, Superintendent (978) 264-4700	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$9,136 Actual
(3)	Hildreth Elementary School Harvard, MA Laurence Spang, AIA, LEED AP	Arrowstreet designed this Pre-K-5 school to be an energy efficient, and healthy, and PV-inclusive building. A Life Cycle Assessment was performed to optimize reduction of embodied carbon. The low-energy climate comfort system relies on a displacement ventilation system with radiant heating at the perimeter. A higher-value and low window-to-wall ratio allows for low energy use while maintaining ample daylight and thermal comfort. Interior finishes were selected based on optimized material ingredients and emissions testing. LEEDv4 Schools Silver. EUI: 39.2	Harvard Public Schools 39 Massachusetts Ave. Harvard, MA 01451 Linda Dwight, Superintendent (978) 456-4140	2021 Actual	\$44,053 Actual	\$4,164 Actual
(4)	King Open/Cambridge Street Upper Schools & Community Complex Cambridge, MA Laurence Spang, AIA, LEED AP	Arrowstreet was the sustainability lead on the King Open / Cambridge Street Upper Schools. The project is designed to be Net Zero Emissions and incorporates many energy efficiency technologies. Human comfort and health are incorporated into the design through daylighting, material selections, acoustics, thermal comfort and physical and visual connections with the outdoors. LEEDv4 Schools Platinum. EUI: 25	City of Cambridge 795 Massachusetts Ave. Cambridge, MA 02139 James P. Maloney (617) 349-6494	2019 Actual	\$130,000 Actual	\$3,220 Actual
(5)	Brooke Charter Elementary and High School Campus Mattapan, MA Laurence Spang, AIA, LEED AP	Brooke Charter High School optimizes enhances energy performance, manages stormwater and features high-performance glazing and healthier materials. A rooftop solar array generates renewable energy. In addition to embodied carbon saved with the existing building reuse, Brooke Charter School's operational carbon is reduced through dehumidification and energy recovery ventilation. Both buildings are designed to LEED Silver and verified through the City of Boston Article 37 review process. EUI: 38	Brooke Charter Schools 190 Cummings Highway Roslindale, MA 02131 Jon Clark, Network Co-Director (617) 325-7977	2014 (K-8) 2018 (8-12) Actual	\$12,675 (K-8) \$33,800 (8-12) Actual	\$847 (K-8) \$1,150 (8-12) Actual

8b

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Sub-Consultant Name: **Arrowstreet Inc. – Library/Media**

(1)	Smith College Neilson Library Northampton, MA Laurence Spang, AIA, LEED AP	Arrowstreet worked to enhance the look and feel of the interiors by refining the furniture palette that evolves as a visitor moves through the building, creating complementary yet distinct identities across the different spaces and levels. Our designers developed a rigorous process to analyze hundreds of item types against stringent standards for performance and sustainability, deftly balancing the execution of the original concept and the programmatic needs of diverse stakeholders.	Smith College 126 West Street Northampton, MA 01063 Charlie Conant (413) 585-2441	2021 Actual	\$120,000 Actual	\$263.6 Actual
(2)	Thayer Children's Library Braintree, MA Laurence Spang, AIA, LEED AP	The Children's Library at Thayer Public Library was renovated to accommodate growing demands, expanded programming, and new technology. The client wanted a vibrant, interactive, and inviting space, but had a limited budget. The interior design provides this by focusing on impactful changes and leveraging the room's best features. The layout incorporates more open space and locates comfortable seating near windows for individuals and groups. Study spaces are positioned to allow views out windows and skylights while minimizing other possible distractions.	Town of Braintree 1 John F. Kennedy Memorial Drive Braintree, MA 02184 Barbara Mello (781) 794-8145	2018 Actual	\$378.9 Estimate	\$44.4 Actual
(3)	Hildreth Elementary School Harvard, MA Laurence Spang, AIA, LEED AP	Located at the heart of the elementary school, the Library / Media Center creates a space that is open, warm and welcoming for students' first encounters with reading and information gathering. Arrowstreet's design encourages students to see the library as the first destination on the road to knowledge.	Harvard Public Schools 39 Massachusetts Ave. Harvard, MA 01451 Linda Dwight, Superintendent (978) 456-4140	2021 Actual	\$44,053 Actual	\$4,164 Actual
(4)	King Open/Cambridge Street Upper Schools & Community Complex Cambridge, MA Laurence Spang, AIA, LEED AP	The Valente Branch of the Cambridge Public Library, located at the eastern side of the complex, serves as a welcoming beacon to activate the new civic plaza. The Valente library serves the community as well as the adjacent schools in the afternoons with tutor rooms, quiet study, and a community room. Within the academic wing, Arrowstreet designed the Learning Commons to serve both the K-5 and 6-8 schools ensuring comfortability for all ages and reading levels throughout the space. A maker space and media training room are also incorporated in the Learning Commons.	City of Cambridge 795 Massachusetts Ave. Cambridge, MA 02139 James P. Maloney (617) 349-6494	2019 Actual	\$130,000 Actual	\$3,220 Actual
(5)	Boardwalk Campus Acton, MA Laurence Spang, AIA, LEED AP	The library is a shared resource for the Douglas and Gates Elementary Schools. Located at the heart of the building, the two story volume unites the schools. The library is oval shaped to create a sense of place for students and the community.	Acton-Boxborough Regional School District 15 Charter Road Acton, MA 01720 Peter Light, Superintendent (978) 264-4700	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$9,136 Actual

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Sub-Consultant Name: My Learning Place (MLP) Integrated Design – Educational Planner						
(1)	Galvin Middle School Canton, MA Michael Pirollo	Comprehensive educational visioning and programming; sessions focused on: 1) goals and priorities development; 2) child development; 3) engaging teaching and learning; 4) appropriate learning environments to support academic, developmental, and social-emotional needs.	Ai3 Architects, Inc. 526 Boston Post Rd. Wayland, MA 01778 Troy Randall (508) 358-0790	2023 Actual	TBD	\$56 Actual
(2)	Pentucket Regional Middle/High School West Newbury, MA Donald Walter	As part of the educational planning team, co-facilitated programming meetings with district leadership and high school staff during PSR & SD phases to refine the program and inform the educational specifications (room data sheets).	Dore + Whittier Architects, Inc. 260 Merrimac St., Building 7 2nd Floor Newburyport, MA 01950 Donald Walter (978) 499-2999	2022 Actual	\$118,821 Actual	In-house
(3)	East Providence School District Martin Middle School & PK East Providence, RI Michael Pirollo, ALEP	Comprehensive educational visioning and programming for 6-8 middle school and attached PK program. Work included: enrollment and capacity analysis, including study of enrollment scenarios with various numbers of PK classrooms; community and district-wide visioning sessions; programming meetings to inform educational program and space needs; development of adjacency diagrams and idealized space summary; documentation of educational program, including educational specifications for each programmed area; and, assistance with conceptual designs.	Ai3 Architects, Inc. 526 Boston Post Rd. Wayland, MA 01778 James Jordan (508) 358-0790	2022 Actual	\$104,355 Estimated	\$75 Actual
(4)	Cutler Elementary School South Hamilton, MA Michael Pirollo	Comprehensive educational visioning and programming that explored programmatic needs and vision for (3) design enrollments. Visioning and programming sessions focused on: 1) goals and priorities development; 2) child development; 3) engaging teaching and learning; 4) appropriate learning environments to support academic, developmental, and social-emotional needs.	JCJ Architecture 120 Huyshope Avenue Suite 400 Hartford, CT 06106 Doug Roberts	2023 Estimated	TBD	\$56 Actual
(5)	Paul Hanlon Elementary School Westwood, MA Michael Pirollo	Comprehensive educational visioning and programming for a new, consolidated K-5 elementary school; 560-student design enrollment; approx. 113,141 SF. Worked closely with staff from consolidated schools to build community, alignment in pedagogy, and a shared vision for teaching and learning.	Dore + Whittier Architects, Inc. 260 Merrimac St. Building 7, 2nd Floor Newburyport, MA 01950 Donald Walter (978) 499-2999	2024 Estimated	\$74,353 Actual	N/A

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Sub-Consultant Name: <i>Terraink, Incorporated – Landscape Architecture</i>						
(1)	Squantum Elementary School Quincy, MA Jade Cummings	Feasibility Study and Schematic Design for a school development project.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	TBD	TBD	\$45.6 Actual
(2)	Lincoln-Eliot Elementary School Newton, MA Jade Cummings Kellie Connelly	Feasibility Study and Schematic Design for a school development project.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2025 Estimated	\$41,584 Estimated	\$57.5 Actual
(3)	Boardwalk Campus Acton, MA Jade Cummings Kellie Connelly	Feasibility Study, Schematic Design, Design Development, Construction Documents, and Construction Administration for a regional, twin school development project.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$191 Actual
(4)	Hildreth Elementary School Harvard, MA Jade Cummings Kellie Connelly	Feasibility Study, Schematic Design, Design Development, Construction Documents, and Construction Administration for a school development project.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$44,053 Actual	\$191 Actual
(5)	Conservatory Lab Charter School Boston, MA Jade Cummings Kellie Connelly	Schematic Design, Permitting, Design Development, Construction Documents, and Construction Administration for a high school development project.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$75,000 Actual	\$88 Actual

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Sub-Consultant Name: GGD Consulting Engineers, Inc. – Fire Protection Engineering, Plumbing Engineering, HVAC Engineering, Electrical & Data/Communications						
(1)	King Open/Cambridge Street Upper Schools & Community Complex Cambridge, MA Carlos G. DeSousa, PE	Schematic design through closeout phase services for the MEPFP-Tech. & Sec. systems. New construction of the Net Zero Energy Building, LEED Gold Pending, USGBC Green Building of the Year (11/2019) Design included ground source geothermal system, building management control system for HVAC and Lighting, and demand control ventilation.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2019 Actual	\$130,000 Actual	\$1,797 Actual
(2)	Boardwalk Campus Acton, MA Dominick Puniello, PE	New construction building, approximately 174,759 GSF. An educational facility designed for 990 students, which consists of classrooms, gymnasium, cafeteria, exterior paving, and landscaping. Design includes high efficiency air conditioning equipment to meet or exceed the Advanced Buildings Benchmark Criteria efficiency requirements, building dashboard system, electrical vehicle charging equipment, provisions for PV.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$1,120 Actual
(3)	Hildreth Elementary School Harvard, MA Carlos G. DeSousa, PE	Fire Protection, Plumbing, HVAC, Electrical and Technology feasibility study through project closeout phase services for the 85,214 SF new construction of Hildreth Elementary School in Harvard, MA. Also included Technology Equipment Procurement.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$44,053 Actual	\$528.5 Actual
(4)	Kipp Academy Lynn K-8 Addition Lynn, MA Carlos G. DeSousa, PE	Transition the current middle/high school to a K-8 school facility with a new two-story addition and one-story connector.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2017 Actual	\$5,061 Actual	\$53.3 Actual
(5)	Lincoln-Eliot Elementary School Addition & Renovation Newton, MA David M. Pereira, PE	Addition and Renovation for new elementary school, approx. 95,000 SF. Services include Study-CA. The project is currently in the bidding phase.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2025 Estimated	\$41,584 Estimated	\$608 Actual

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					Construction Costs (Actual, Or Estimated)	Fee For Work For Which Firm Was Responsible.
Sub-Consultant Name: PM&C – Cost Estimating						
(1)	Milton Academy Cox Building Milton, MA Peter Bradley	Cost estimate through DD phase for 19,400 SF renovation of the Cox Math Building.	Dore & Whittier Architects 260 Merrimac Street Newburyport, MA 01950 Mike Burton (978) 499-2999	2022 Actual	\$12,776 Actual	\$10.5 Actual
(2)	Dale Street Elementary Medfield, MA Peter Bradley	Cost estimating services for construction of new 95,828 building.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2022 Actual	\$67,030 Actual	\$17 Actual
(3)	Boardwalk Campus Acton, MA Peter Bradley	Cost estimating for a new 174,759 elementary school.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$116 Actual
(4)	Chapman Middle School Weymouth, MA Peter Bradley	Cost estimating services for construction of a new middle school and renovation of the gym.	HMFH Architects 130 Bishop Allen Drive Cambridge, MA 02139 James Liebman (617) 844-2121	2021 Actual	\$127,203 Actual	\$145 Actual
(5)	Beverly Middle School Beverly, MA Peter Bradley	Cost estimating for architect for a new 231,589 SF middle school. Estimates provided for Preferred SD through 90% CD Phases.	AI3 Architects 526 Boston Post Road Wayland, MA 01778 James Jordan (508) 358-07490	2018 Actual	\$90,743 Actual	\$92.8 Actual

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					Construction Costs (Actual, Or Estimated)	Fee For Work For Which Firm Was Responsible.
Sub-Consultant Name: Crabtree McGrath Associates, Inc. – Kitchen/Food Service						
(1)	King Open/Cambridge Street Upper Schools & Community Complex Cambridge, MA John Sousa	Schematic Design through Construction Administration phases for a new kitchen and servery (pre K to grade 8). Project targeted net zero energy and expected to achieve LEED Platinum.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2019 Actual	\$130,000 Actual	\$31.9 Actual
(2)	Hildreth Elementary School Harvard, MA John Sousa	Crabtree McGrath Associates prepared Construction Documents and performed Construction Administration services related to the commercial kitchen and the serving area.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$44,053 Actual	\$24.4 Actual
(3)	Boardwalk Campus Acton, MA John Sousa	Crabtree McGrath Associates prepared Construction Documents and is performing Construction Administration services related to the commercial kitchen and the serving area.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$31.4 Actual
(4)	Dale Street Elementary School Medfield, MA John Sousa	Crabtree McGrath Associates provided Schematic Design serviced for the new kitchen and servery.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Feasibility / Schematic Design Completed	\$64,525 Estimated	\$3.9 Actual
(5)	Lincoln-Eliot Elementary School Newton, MA John Sousa	Crabtree McGrath Associates provided Schematic Planning services related to the renovation of the commercial kitchen and serving area.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2025 Estimated	\$41,584 Estimated	\$2.5 Actual

8b

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					Construction Costs (Actual, Or Estimated)	Fee For Work For Which Firm Was Responsible.

Sub-Consultant Name: **Kalin Associates – Specifications**

(1)	Walpole Middle School Walpole, MA Mark Kalin	MGL Chapter 149A CM-at-Risk Architectural specification writing, coordination of team specifications. Assistance with product selection, LEED.	Tappe Associates 6 Edgerly Place Boston, MA Matthew Barnhart (617) 451-0200	2024 Estimated	\$120,000 Estimated	\$24 Actual
(2)	Chapman Middle School Weymouth, MA Mark Kalin	MGL Chapter 149a Trade-Bids Architectural specification writing, coordination of team specifications. Assistance with product selection.	HMFH Architects, Inc. 130 Bishop Richard Allen Drive Cambridge, MA 02139 James Leibman (617) 492-2200	2022 Actual	\$163,000 Actual	\$22 Actual
(3)	Winthrop Middle/High School Winthrop, MA Mark Kalin	MGL Chapter 149a Trade-Bids, Architectural specification writing, coordination of team specifications. Assistance with product selection.	HMFH Architects, Inc. 130 Bishop Richard Allen Drive Cambridge, MA 02139 Tina Stanislaski (617) 492-2200	2016 Actual	\$65,000 Actual	\$24 Actual
(4)	J.F. Kennedy Middle School Hudson, MA Mark Kalin	MGL Chapter 149 Filed Sub-Bids Architectural specification writing, coordination of team specifications. Assistance with product selection. LEED-NC Silver Level.	OMR Architects 543 Mass Ave West Acton, MA 01720 Marty Kretsch (978) 264-0160	2013 Actual	\$20,000 Actual	\$18 Actual
(5)	Cathedral High School - New Middle School and High School Renovations Mark Kalin	MGL Chapter 149 Filed Sub-Bids Architectural specification writing, coordination of team specifications. Assistance with product selection. LEED-NC Silver Level.	OMR Architects 543 Mass Ave West Acton, MA 01720 Marty Kretsch (978) 264-0160	2013 Actual	\$10,000 Actual	\$16 Actual

8b	List Current and Relevant Work By Sub-Consultants Which Best Illustrates Current Qualifications In The Areas Listed In The Advertisement (Up To But Not More Than 5 Projects For Each Sub-Consultant). Use Additional Sheets Only As Required For The Number Of Sub-Consultants Requested In The Advertisement.					
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Sub-Consultant Name: Pamela Perini Consulting – Security & Emergency Management						
(1)	Squantum Elementary School Quincy, MA Pamela Perini, PSP	MSBA School project in Quincy (Squantum), MA. The building is in early design phase. Scope to include Security Systems Design, Landscape and CPTED review. (01/2024)	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	NA	TBD	TBD
(2)	Winchester Lynch Elementary School Winchester, MA Pamela Perini, PSP	MSBA School project in Winchester, MA. Scope includes Security Systems Design, and coordination with Electrical, IT and Landscape, and a high level CPTED review. Currently in Construction Administration phase.(01/2024)	Tappe' Architects 6 Edgerly Pl Boston, MA 02116 Charles Hay (617) 451-0200	2025/6 Estimated	\$67,000 Estimated	TBD
(3)	Dennis-Yarmouth Intermediate Middle School Project South Yarmouth, MA Pamela Perini, PSP	MSBA School project in South Yarmouth, MA. The building to be approx. 187,200 SF Scope to include Security Systems Design, Landscape and CPTED review. Currently in Closeout and Warranty. (01/2024)	Perkins Eastman Architects 20 Ashburton Place, Floor 8 Boston, MA 02108 Andrew Hazelton (617) 449-4000	2023/2024 Estimated	\$120,000 Estimated	TBD
(2)	Braintree South Middle School Braintree, MA Pamela Perini, PSP	MSBA School project in Braintree, MA. Provide security consulting and documentation (Drawings & Specifications) services for new Middle School in Braintree, MA. Currently in Closeout and Warranty. (01/2024)	Perkins Eastman Architects 20 Ashburton Place, Floor 8 Boston, MA 02108 Daniel Colli (617) 449-4000	2024 Estimated	\$ 95,000 Estimated	TBD
(5)	Revere High School Project Wonderland Site (reassessing) Revere, MA Pamela Perini, PSP	MSBA School project in Revere MA. Site location at the Wonderland site. Scope to include Security Consulting to include Security Systems Design, Electrical and IT Coordination, Landscape & CPTED coordination and review. Currently reassessing site/location. (01/2024)	Perkins Eastman Architects 20 Ashburton Place, Floor 8 Boston, MA 02108 Daniel Colli (617) 449-4000	NA	\$499,000 Estimated	TBD

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Sub-Consultant Name: PEER Consultants, P.C. – Hazardous Materials						
(1)	Dale Street Elementary School Medfield, MA Thomas J. Gustafson, PE	PEER has conducted a visual hazardous building materials assessment, an ASTM Phase I ESA, an asbestos in building materials survey, a lead in paint survey, a regulated building materials survey, and prepared associated reports, as part of this proposed elementary school demolition and redevelopment project, which reviewed two potential school development sites.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Feasibility /Schematic Design Completed	\$64,525 Estimate	\$29.8 Actual
(2)	Franklin Avenue School Franklin, MA Thomas J. Gustafson, PE	PEER has conducted a visual hazardous building materials assessment, an ASTM Phase I ESA, an asbestos in building materials survey, a lead in paint/TCLP lead in paint survey, a regulated building materials survey, prepared associated reports, prepared specification documents, provided bid phase support services, provided submittal review, and will be preparing project closeout activities as part of this middle school demolition and redevelopment project.	Caolo & Bieniek Associates, Inc. 521 East Street Chicopee, MA 01029 Bert Gardner (413) 594-2800	Ongoing	NA	\$44.5 Actual
(3)	Tyngsborough Middle School Tyngsborough, MA Thomas J. Gustafson, PE	PEER has conducted a visual hazardous building materials assessment, an ASTM Phase I ESA, an asbestos in building materials survey, a lead in paint/TCLP lead in paint survey, a regulated building materials survey, prepared associated reports, prepared specification documents, provided bid phase support services, provided submittal review, and will be preparing project closeout activities as part of this middle school demolition and redevelopment project.	JCJ Architecture, Inc. 120 Huyshope Ave. Suite 400 Hartford, CT 06106 Douglas Roberts (860) 240-9395	Ongoing	NA	\$68.4 Actual
(4)	Raymond E. Shaw Elementary School Millbury, MA Thomas J. Gustafson, PE	PEER has conducted a full hazardous building materials investigation related to the proposed demolition of an existing school building. Activities have included an ASTM 1527-13 Environmental Site Assessment, a Phase 2 Environmental Site Investigation, hazardous building materials sampling, laboratory coordination of sampled building materials, reporting, and contract administration services.	Turowski2 Architecture, Inc. 313 Wareham Road PO Box 1290 Marion, MA 02738 Peter Turowski (508) 758-9777	2022 Actual	NA	\$74.2 Actual
(5)	John R. Pierce School Brookline, MA Thomas J. Gustafson, PE	PEER is currently providing hazardous building materials consulting services, including asbestos and lead inspection, reporting, and geo-environmental engineering support services related to consideration of different renovation/demolition options at both the Main Building and Historic Building of this Massachusetts School. Additional environmental science consulting services are expected as the project progresses within the Town.	MDS/Miller Dyer Spears Architects 99 Chauncy Street, 8th Floor Boston, MA 02111 Margaret Clark (617) 338-5350	Ongoing	NA	\$56.4 Actual

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Sub-Consultant Name: **PEER Consultants PC – Geo-environmental Engineering**

(1)	Dale Street Elementary School Medfield, MA Thomas J. Gustafson, PE	PEER has provided geo-environmental engineering services related to collecting surface and subsurface soil samples during a geotechnical investigation and analyzing the soils at an environmental laboratory and then comparing the results in a Limited Subsurface Soil Investigation Report to MCP, COMM-97-001, and RCRA Characteristics Standards in preparation for the pre-characterization of soil for off-site disposal and/or on-site reuse at two potential school development sites.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Feasibility /Schematic Design Completed	\$64,525 Estimate	\$29.8 Actual
(2)	Tyngsborough Middle School Tyngsborough, MA John M Corliss, Jr., PE	PEER has provided geo-environmental engineering services related to collecting surface and subsurface soil samples during a geotechnical investigation and analyzing the soils at an environmental laboratory and then comparing the results in a Limited Subsurface Soil Investigation Report to MCP, COMM-97-001, and RCRA Characteristics Standards in preparation for the pre-characterization of soil for off-site disposal and/or on-site reuse as part of this middle school demolition and redevelopment project.	JCJ Architecture, Inc. 120 Huyslope Ave. Suite 400 Hartford, CT 06106 Douglas Roberts (860) 240-9395	Ongoing	NA	\$68.4 Actual
(3)	John R. Pierce School Brookline, MA Thomas J. Gustafson, PE	PEER has provided geo-environmental engineering services related to collecting surface and subsurface soil samples during a geotechnical investigation and analyzing the soils at an environmental laboratory and then comparing the results in a Limited Subsurface Soil Investigation Report to MCP, COMM-97-001, and RCRA Characteristics Standards in preparation for the pre-characterization of soil for off-site disposal and/or on-site reuse related to renovation/demolition options at both the Main Building and Historic Building of this elementary school.	MDS/Miller Dyer Spears Architects 99 Chauncy Street, 8th Floor Boston, MA 02111 Margaret Clark (617) 338-5350	Ongoing	NA	\$56.4 Actual
(4)	Raymond E. Shaw Elementary School Millbury, MA Thomas J. Gustafson, PE	PEER has provided geo-environmental engineering services related to collecting surface and subsurface soil samples during a geotechnical investigation and analyzing the soils at an environmental laboratory and then comparing the results in a Limited Subsurface Soil Investigation Report to MCP, COMM-97-001, and RCRA Characteristics Standards in preparation for the pre-characterization of soil for off-site disposal and/or on-site reuse related to the redevelopment of the property.	Turowski2 Architecture, Inc. 313 Wareham Road PO Box 1290 Marion, MA 02738 Peter Turowski (508) 758-9777	2022 Actual	NA	\$74.2 Actual
(5)	Boston Police Academy Building Boston, MA Thomas J. Gustafson, PE	PEER has provided geo-environmental engineering services related to collecting surface and subsurface soil samples during a Geoprobe investigation and analyzing the soils at an environmental laboratory and then comparing the results in a Limited Subsurface Soil Investigation Report to MCP, COMM-97-001, and RCRA Characteristics Standards in preparation for the removal of a UST and associated MEP work within the boiler room.	BLW Engineers, Inc. 311 Great Road PO Box 1551 Littleton, MA 01460 Ken Beck (978) 486-4301	2022 Actual	NA	\$17.4 Actual

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Sub-Consultant Name: PEER Consultants PC – Environmental Permitting						
(1)	British School of Boston Boston, MA Thomas J. Gustafson, PE	PEER provided natural resource site review, wetland determination and delineation services related to the proposed development of an artificial turf field, which may occur within 100 feet of a bank of a stream, and associated wetland at this non-sectarian, co-educational college preparatory day school.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	N/A	\$1.3 Actual
(2)	Middleton Municipal Complex Middleton, MA Thomas J. Gustafson, PE	PEER provided (and will be providing additional) natural resource site review, wetland determination and delineation and environmental permitting services for a new Town Hall, Police, Fire, and Recreational complex in Middleton, MA.	Turowski2 Architecture, Inc. 313 Wareham Road PO Box 1290 Marion, MA 02738 Peter Turowski (508) 758-9777	Ongoing	N/A	\$4.8 Actual
(3)	Extra Space Storage Burlington, MA Thomas J. Gustafson, PE	PEER is providing Environmental Monitoring Consulting Services, as a requirement of an Environmental Permitting requirement to document two years of successful plants emergence at two compensatory flood storage areas related to bordering vegetated wetlands and Riverfront Area.	MDS/Miller Dyer Spears Architects 99 Chauncy Street, 8th Floor Boston, MA 02111 Margaret Clark (617) 338-5350	2023 Estimated	N/A	\$40.6 Actual
(4)	Isenberg School of Management University of Massachusetts Amherst, MA Thomas J. Gustafson, PE	PEER reviewed potential environmental scope of work activities, as it related to potential permits which may be required during the development of the strategic centerpiece building at the Isenberg School of Management in Amherst, MA.	Turowski2 Architecture, Inc. 313 Wareham Road PO Box 1290 Marion, MA 02738 Peter Turowski (508) 758-9777	2019 Actual	N/A	\$10 Actual
(5)	UPS Chelmsford, MA Thomas J. Gustafson, PE	PEER inspected the property for the presence of wetland resources as defined by: (1) the Massachusetts Wetlands Protection Act (M.G.L. Ch. 131, § 40; the “Act”) and its implementing regulations (310 CMR 10.00 et seq.; the “Regulations”); and (2) the U.S. Clean Water Act (i.e., Section 404 and 401 wetlands), as part of determining the value and usability of the entire land parcel.	JCI Architecture, Inc. 120 Huyshope Ave., Suite 400 Hartford, CT 06106 Douglas Roberts (860) 240-9395	2018 Actual	N/A	\$4.5 Actual

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Sub-Consultant Name: Code Red Consultants, LLC – Code & Accessibility						
(1)	Dale Street Elementary School Medfield, MA Paul Moan, PE	The project includes the study of the existing school to evaluate its condition and project implications associated with the potential scopes of work. The existing school is 2 stories + basement, with an approx. footprint area of 42,000 SF. Code Red prepared a Code Report outlining major requirements for the new construction in the context of the applicable codes and standards.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Feasibility / Schematic Design Completed	\$64,525 Estimated	\$7.5 Actual
(2)	Global Learning Charter School New Bedford, MA Paul Moan, PE	Project is for interior renovations to this historic K-8 Charter School. Retained to provide fire protection and life safety code consulting services. Code Red prepared a MSBC Ch. 34 Report documenting the existing conditions and identifying major code requirements based on the proposed scope of work and architectural drawing reviews were performed for code conformance.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2022 Estimated	\$8,504 Estimated	\$12 Actual
(3)	Alma Del Mar Charter School New Bedford, MA Paul Moan, PE	The project consisted of the design and construction of a new \$52 million, 54,400 SF charter school, K-8th Grade. Code Red was primarily responsible for developing a code approach, attending meetings with the design team and building/fire officials, and performing code reviews of the proposed layout for compliance with the applicable codes.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$19,000 Actual	\$7 Actual
(4)	Horace Mann Elementary School Early Childcare Program Newton, MA Paul Moan, PE	Renovation project to accommodate Newton Early Childcare Program. Code Red was primarily responsible for documenting the existing building conditions and preparation of a code Report addressing the major code implications of proposed renovations.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2025 Estimated	\$13,000 Estimated	\$4 Estimated
(5)	Prospect Hill Academy Upper Elem, Middle Sch Campus + High School/ Collegiate Institute Cambridge, MA Paul Moan, PE	Code Red served the role of fire protection, life safety, and accessibility code consultant on the project responsible for the evaluation of existing conditions at each property relative to the major fire protection, life safety, and accessibility requirements to be considered as part of future renovations.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2022 Actual	N/A	\$7 Actual

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Sub-Consultant Name: **Thornton Tomasetti – Sustainable/Green Design/Renewable Energy Consultant/Net Zero Energy**

(1)	Boardwalk Campus Acton, MA Gunnar Hubbard	Net zero energy, water and waste as well as LEED consulting for twin K-5 schools totaling 178,000 SF. Scope included evaluating strategies for high energy-performance envelope, rainwater, and radiant systems.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$165 Actual
(2)	Town of Swampscott Hadley Elementary School Swampscott, MA Gunnar Hubbard	Energy analysis for a new 153,254 SF, net zero elementary school funded by MBSA. Scope included design assistance energy analysis, LEED energy modeling and MA energy code compliance. Energy savings strategies included an optimized envelope system.	Lavallee Brensinger Architects 99 Bedford Street, Suite 501 Boston, MA 02111 David B. Harris (603) 622-5450 x111	2024 Estimated	\$98,000 Estimated	\$65 Actual
(3)	Stoneham High School Stoneham, MA Vamshi Gooje	Zero Net Energy consulting for a 207,077-SF high school, which included a ZNE feasibility study, design assistance, energy analysis, LEED modeling, and energy code compliance. Our analysis guided the selection of optimal massing, HVAC systems and envelope. A geothermal system was determined through life cycle cost analysis. The project features photovoltaic systems on the roof and canopy, achieving net-positive energy.	Eversource Energy 247 Station Drive Westwood, MA 02090 Kimberly Cullinane (781) 441-8110	2024 Estimated	\$190,000 Estimated	\$577 Actual
(4)	Raymond Shaw Elementary School Millbury, MA Vamshi Gooje	Energy analysis, LEED peer review, design assistance life cycle assessment, and life cycle assessment for an 89,500 SF new construction elementary school pursuing LEED Silver Certification using the LEED for Schools v4 standard.	Turowski2 Architecture, Inc 313 Wareham Road Marion, MA 02738 Peter Turowski (508) 758-9777	2022 Actual	\$49,000 Actual	\$65 Actual
(5)	Josiah Quincy Upper School Building Boston, MA Melissa Wong	Building envelope, energy modeling and daylighting consulting for a new six-story public school funded by MSBA. Scope includes evaluation of a façade cladding. Results help to maximize daylight access and optimize energy performance.	HMFH Architects 130 Bishop Allen Drive Cambridge, MA 02139 Pip Lewis (617) 492-2200	2024 Estimated	\$193,000 Estimated	NA

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Sub-Consultant Name: Green International Affiliates, Inc. – Site Surveying & Civil Engineering						
(1)	Quantum Elementary School Renovation and Expansion Quincy, MA Adel Shahin, P.E., PMP	Green is providing civil engineering for the feasibility study and schematic design associated with the renovation and possible expansion/reconstruction of the Quantum Elementary School in Quincy, MA. The civil engineering services include assessment of the existing site conditions and existing drainage and utilities, and environmental research to assess impacts. It also includes development of a schematic design of the preferred building option.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Ongoing	N/A	\$24 Actual
(2)	Excel Academy Expansion and Renovation Providence, RI Adel Shahin, P.E., PMP	Green provided civil/site engineering for the feasibility study associated with the renovation and expansion of the Excel Academy in Providence, RI. In addition, we provided civil/site engineering for schematic design for a new lower school building at a different location. The civil/site services included water, sewer, drainage, stormwater, utility, and compensatory flood storage. The project will be advancing to the design development phase.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Ongoing	N/A	\$47 Actual
(3)	Newton Country Day School Newton, MA Adel Shahin, P.E., PMP	Green provided civil/site engineering, survey, environmental permitting, and landscape architecture services for various addition projects at Newton Country Day School. The civil/site services included water, sewer, drainage, stormwater, utility, site grading, parking lot, and driveway design. • North Wing & Library Addition • Daly Rink – New Locker • New Athletic & Wellness Center	Newton Country Day School 785 Centre Street Newton, MA 02458 Casey Young (617) 559-4788	2017 Actual	N/A (Multiple Projects)	N/A (Multiple Projects)
(4)	Cambridge School of Weston Weston, MA Adel Shahin, P.E., PMP	Green provided civil/site engineering, survey, and environmental permitting services for a number of campus improvements to the Cambridge School of Weston. The Mugar Center included a groundwater recharge system in compliance with MA DEP's new stormwater management regulations. The Garthwaite Center received multiple awards for its sustainable design.	Cambridge School of Weston 45 Georgian Road Weston, MA 02493 Aaron Hirsch (781) 642-8662	2017 Actual	N/A (Multiple Projects)	N/A (Multiple Projects)
(5)	Townwide ADA Projects Winchester, MA Adel Shahin, P.E., PMP	The Town of Winchester retained Green as an ADA consultant for various Town-wide ADA-compliance projects. Green provided survey, civil engineering, and structural engineering services for accessibility improvements at three elementary schools. • Ambrose Elementary School • Lynch Elementary School • Muraco Elementary School	Town of Winchester Engineering Department 71 Mt. Vernon Street Winchester, MA 01890 Margaret White (781) 721-7120	2015 Actual	\$102 Actual	\$60 Actual

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Sub-Consultant Name: **Lahlaf Geotechnical Consulting, Inc. – Geotechnical Engineering**

(1)	Boardwalk Campus Acton, MA Abdelmadjid M. Lahlaf	Performed borings, test pits and install groundwater observation wells. Performed double ring infiltrometer tests. Prepared a geotechnical report containing foundation design and construction recommendations. Currently observing the removal of existing fill and subgrades for footings, floor slabs and paved areas.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$175.7 Actual
(2)	Hildreth Elementary School Harvard, MA Abdelmadjid M. Lahlaf	Prepared a desk review for feasibility study. Observed soil borings and prepared a geotechnical report containing foundation design and construction recommendations as part of the SD phase of the design. Observed geotechnical aspect of construction including pre-trenching of excavations, installation of aggregate piers, footings and retaining walls.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$44,053 Actual	\$105 Actual
(3)	Attleboro High School Attleboro, MA Abdelmadjid M. Lahlaf	Observed soil borings and vacuum explorations. Prepared a geotechnical analyses including liquefaction assessment and geotechnical report containing foundation design and construction recommendations. Reviewed earthmoving specification. Observed preparation of subgrade of footings and slabs.	Kaestle Boos Associates, Inc. 16 Chestnut St, #301 Foxborough, MA 02035 Joe Milani (508) 549-9906	2020 Actual	NA	\$165.8 Actual
(4)	Somerville High School Somerville, MA Abdelmadjid M. Lahlaf	Performed borings at the site and prepared a geotechnical report containing foundation design and construction recommendations. Observed geotechnical aspect of construction including support of excavations, footings and slabs subgrade and retaining walls. Monitored inclinometers to assess whether there has been any movement of the building.	Symmes Maini & McKee Associates, Inc. 1000 Massachusetts Avenue Cambridge, MA 02138 Erin Pretileo (617) 520-9214	Ongoing	NA	\$739.9 Actual
(5)	Stoneham High School Stoneham, MA Abdelmadjid M. Lahlaf	Completed desk review of current site. Performed Preliminary and DD Phase borings and groundwater observation wells/monitoring at selected site. Prepared/ Updated geotechnical report with foundation design and construction recommendations. Prepared dewatering specifications. Arranged a Geophysical Survey. Observed removal of unsuitable fill processed onsite by crushing existing fill with blasted rock, placement of Structural Fill, and observed earth moving operations.	Perkins + Will, Inc. 225 Franklin Street, Suite 1100 Boston, MA 02110 Brooke Trivas (617) 478-0300	Ongoing	NA	\$190.7 Actual

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Sub-Consultant Name: **Engineers Design Group, Inc. – Structural Engineering**

(1)	Town of Milton Schools Milton, MA 02186 Mehul V. Dhruv, PE	Structural engineering consultants for the initial feasibility study of the Milton Schools. Study determined the need for additions and/or additions and renovations to these five schools. Collicot/Cunningham Elementary (Additions/ Renovations), Milton High School, Pierce Middle School, Tucker Elementary School, Glover Elementary School	Drummey, Rosane and Anderson, Inc. 260 Charles Street Studio 300 Waltham, MA 02453 Cal Olson (617) 964-1700	1999 Actual	NA	\$9 Actual
(2)	Milton High School Milton, MA Mehul V. Dhruv, PE	Structural engineering consultants on the design and construction of the converted middle school into the high school. Addition included 800 seat auditorium, science and industrial arts rooms, classroom and boiler plant. Also included 32,000 SF community field house including a multi-purpose synthetic floor, bleachers, basketball courts and a 1/11 mile running track.	Drummey, Rosane and Anderson, Inc. 260 Charles Street Studio 300 Waltham, MA 02453 Carl Franceschi (617) 964-1700	2004 Actual	\$40,000 Actual	\$625 Actual
(3)	Benjamin Franklin Classical Charter Public School Franklin, MA Mehul V. Dhruv, PE	Structural consultants for the initial feasibility study and subsequent design and construction of a new, 67,000 GSF charter school that is projected to serve approximately 900 students in grades K-8. Facility consist of a 2-story, u-shaped building with a central courtyard, two classroom wings and a multipurpose gymnasium and cafeteria, auditorium, and a series of academic classrooms. The entire structure is designed with a pre-engineered steel system.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2019 Actual	\$19,700 Actual	\$104.5 Actual
(4)	Boardwalk Campus Acton, MA Mehul V. Dhruv, PE	Structural consultants for an initial feasibility study and schematic design for a K-6 Elementary School, housing 427 students and 94 staff. The existing school is 48,300 SF single story structure that was built in 1966. The selected scheme is design of a new three story, 178,000 SF consolidated Douglas and Gates school.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$65 Actual
(5)	Hildreth Elementary School Harvard, MA Mehul V. Dhruv, PE	Structural consultants, including preliminary consultation for the feasibility study/schematic design, of the new, 84,614 SF school that house 445 students in grades PK – 5. Facility include small group areas, a maker space, and gymnasium and cafeteria.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$44,053 Actual	\$348 Actual

8b

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	a. Project Name and Location Principal-In-Charge	b. Brief Description of Project and Services (Include Reference to Relevant Experience)	c. Client's Name, Address and Phone Number. Include Name Of Contact Person	d. Completion Date (Actual Or Estimated)	e. Project Cost (In Thousands)	
					Construction Costs (Actual, Or Estimated)	Fee For Work For Which Firm Was Responsible.
Sub-Consultant Name: Cavanaugh Tocci Associates, Inc. – Acoustical						
(1)	Boston Arts Academy Boston, MA Kent McKelvie	Room acoustics, sound/impact isolation and mechanical system noise control for a new performing arts school.	Perkins Eastman 20 Ashburton Pl Boston MA 02108 Joseph Drown (617) 449-4000	2022 Actual	\$125,000 Estimated	\$60 Actual
(2)	Groton Consolidated Middle School Groton, CT Edward O'Neill, Project Manager	Room acoustics, sound isolation, and mechanical equipment noise control to meet the ANSI S12.60 school acoustic standard.	The S/L/A/M Collaborative 80 Glastonbury Blvd. Glastonbury, CT 06033 Todd Schaeffer (860) 657-8077	2020 Actual	\$66,000 Estimated	\$15 Actual
(3)	Carver Woodland Elementary School Carver, MA Kent McKelvie, Project Manager	Room acoustics, sound/impact isolation and mechanical system noise control for renovation and NE-CHPS acoustics testing for this elementary school.	HMFH Architects, Inc. 130 Bishop Allen Dr Cambridge, MA 02139 Chin Lin (617) 492-2200	2016 Actual	\$46,000 Estimated	\$36 Actual
(4)	Weaver High School Renovation Hartford, CT Kent McKelvie, Project Manager	Room acoustics, sound/impact isolation and mechanical system noise control for renovation to create a performing arts school magnet school.	The S/L/A/M Collaborative 80 Glastonbury Blvd Glastonbury, CT Kemp Morhardt (860) 657-8077	2019 Actual	\$100,000. Estimated	\$62 Actual
(5)	Oyster River Middle School Durham, NH Kent McKelvie	Room acoustics, sound/impact isolation and mechanical system noise control for a new middle school.	Lavallee Brensinger Professional Association 155 Dow Street, Suite 400 Manchester, NH Ron Lamarre (603) 622-5450	2022 Actual	\$45,000 Estimated	\$40 Actual

8b

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					Construction Costs (Actual, Or Estimated)	Fee For Work For Which Firm Was Responsible.
Sub-Consultant Name: Cavanaugh Tocci Associates, Inc. – Technology Consultant/Audio Visual						
(1)	Lowell High School Lowell, MA Alexander Bagnall	New Construction/Renovation Auditorium, TV Studio, Gymnasium, Cafeteria, Music Classrooms Theater and audiovisual consulting	Perkins Eastman 20 Ashburton Place Boston, MA 02108 Joe Drown (617) 712-2107	2025 Estimated	\$300,000 Estimated	\$170 Actual
(2)	Thurgood Marshall Middle School Lynn, MA Alexander Bagnall	New Construction Gym/Stage/Cafeteria	Raymond Design Associates 60 Ledgewood Place Rockland, MA Gene Raymond Jr. (781) 421-3480 x 201	2015 Actual	\$66,000 Actual	\$35 Actual
(3)	Walpole Middle School Walpole, MA Alexander Bagnall	New Construction Auditorium, gym, music classrooms Theater and audiovisual consulting	Tappe Architects 6 Edgerly Place Boston, MA 02116 Christopher Blessen	2024 Estimated	\$120,000 Estimated	\$55 Actual
(4)	Winthrop Middle/High School Winthrop, MA Alexander Bagnall	New Construction Auditorium, Black Box Theater, Cafeteria, Gym, TV Studio, Music Classroom Theater and audiovisual consulting	HMFH Architects 130 Bishop Allen Drive Cambridge, MA 02139	2016 Actual	\$80,000 Actual	\$65 Actual
(5)	Minuteman Regional Voc/Tech HS Lexington, MA Alexander Bagnall	New Construction Auditorium, gymnasium, cafeteria, function room Audiovisual consulting	Kaestle Boos Architects 16 Chestnut Street Foxborough, MA 02035 Larry Trim 508-549-9906	2019 Actual	\$160,000 Actual	\$75 Actual

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Sub-Consultant Name: MDM Transportation Consultants, Inc. – Traffic						
(1)	Brooke Charter High School Mattapan, MA Robert J. Michaud, PE	MDM prepared Transportation component of the Article 80 Notice of Project Change for the proposed High School at 198-260 American Legion Highway (600 student enrollment grades 9-12). Prepared roadway improvement plans for City of Boston approval.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2018 Actual	\$35,000 Actual	\$50 Actual
(2)	Newton Early Childhood Program (NECP) Newton, MA Daniel J. Mills, PE, PTOE	MDM prepared a traffic impact assessment for the proposed relocation of the NECP to accommodate an enrollment of 305 students.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2022 Actual	\$10,900 Estimated	\$17 Actual
(3)	Lincoln-Eliot Elementary School Newton, MA Daniel J. Mills, PE, PTOE	MDM prepared a traffic impact assessment for the proposed relocation of the Lincoln-Eliot School to accommodate an enrollment of 465 students.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2025 Estimated	\$41,584 Estimated	\$21 Actual
(4)	Florence-Roche Elementary Groton, MA Robert J. Michaud, PE	MDM prepared a traffic impact assessment and site access/circulation improvement concepts/ recommendations for the proposed Florence-Roche Elementary School to accommodate an enrollment of 645 students.	Studio G Architects 179 Boylston Street Jamaica Plain, MA 02130 Meryl Nistler (617) 524-5558	2024 Estimated	\$62,000 Actual	\$20 Actual
(5)	Bresnahan Model School Newburyport, MA Robert J. Michaud, PE	MDM prepared a traffic impact assessment and site access/circulation improvement concepts/ recommendations for expansion of the Bresnahan School to accommodate an enrollment of 760 students grades K-3.	HMFH Architects, Inc. 130 Bishop Allen Drive Cambridge, MA 02139 Deborah Collins (617) 492-2200	2013 Actual	\$40,000 Actual	\$18 Actual

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	a. Project Name and Location Principal-In-Charge	b. Brief Description of Project and Services (Include Reference to Relevant Experience)	c. Client's Name, Address and Phone Number. Include Name Of Contact Person	d. Completion Date (Actual Or Estimated)	e. Project Cost (In Thousands)	
Sub-Consultant Name: Todd Tsiang – Furniture, Fixtures, and Equipment						
(1)	Lincoln-Eliot Elementary School Newton, MA Todd Tsiang	Renovation and additional, K – grade 5, 97,400 SF. 396 students. Providing full FF&E services from programming to procurement/ public bid package to on-site project management.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2025 Estimated	\$41,584 Estimated	\$114 Actual
(2)	Boardwalk Campus Acton, MA Todd Tsiang	New 177,000 SF Pre-K through grade 6 elementary school. 1,130 students. Providing full FF&E services including programming, budgeting, selection, specifications, MA State Contract procurement and public bid package, bid evaluation, coordination, project management, punch list follow-up.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	Building complete August 2022 Site complete Fall 2023	\$93,192 Actual	\$144.5 Actual
(3)	Newton Early Childhood Program (NECP) Newton, MA Todd Tsiang	Renovation 40,000 SF 200 student early childhood school program. Permanent relocation. Extensive review and inventory of existing F&E. Programming, new furniture, and move management.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2022 Actual	\$10,900 Actual	\$56.48 Actual
(4)	Hildreth Elementary School Harvard, MA Todd Tsiang	New 85,200 SF Pre-K through grade 5 elementary school. 445 students. Provided full FF&E services including programming, budgeting, selection, specifications, MA State Contract procurement and public bid package, bid evaluation, coordination, project management, punch list follow-up.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$44,053 Actual	\$67 Actual
(5)	Newton North High School Newton, MA Todd Tsiang	New 413,000 SF high school. Provided full FF&E services including programming, budgeting, selection, specifications, public bid package, bid evaluation, coordination, on-site installation project management, punch list follow-up. Many curriculum spaces were involved requiring specialized equipment. Over 350 unique items with 7,000 total items. Over 40 vendors received awards.	City of Newton 1000 Commonwealth Ave. Newton Centre, MA 02459 Jennifer Price (978) 794-1503	2010 Actual	\$197,000 Actual	\$130 Actual

8b

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					Construction Costs (Actual, Or Estimated)	Fee For Work For Which Firm Was Responsible.

Sub-Consultant Name: **HLB Lighting – Lighting**

(1)	Hildreth Elementary School Harvard, MA Carrie Hawley	85,000 SF elementary school. Scope: Entry Canopies, Entry Vestibules, Corridors / Breakout Spaces, Admin Offices, District, Offices, Engineering Lab, Cafeteria, Media Center & Classroom, Classrooms, Resource Room, Special Education Room, Art Room, Music Room, Reading Room, Maker Space, PT/OT, Gym, Learning Stair, Stairs, Restrooms, Externally Illuminated Signage, Site-Playground, Basketball Court, Pathways, Courtyard.	Arrowstreet 10 Post Office Square Suite 700N Boston, MA 02109 Laurence Spang (617) 623-5555	2021 Actual	\$44,053 Actual	NA
(2)	King Open Elementary School Cambridge, MA Carrie Hawley	238,000 SF renovation of an elementary school. Scope: Lobby, Multipurpose Room, Music Classrooms, Music Practice, Drama Room, Auditorium, Gymnasium, Fitness & Weight Room, Learning Commons (Computer, Sound, Library), Cafeteria & Dining Entry Vestibules, Reception & Circulation Desk, Collections, Reading Rooms & Areas, Children's Library & Storytime Area, Technology Center, Meeting & Conference Rooms, Site Lighting & Pool.	William Rawn Associates 27 School Street Second Floor Boston, MA 02108 Sindu Meier (617) 423-3470	2019 Actual	\$130,000 Actual	NA
(3)	Tobin Montessori Vassal Lane School Cambridge, MA Carrie Hawley	240,000 SF Montessori School. Scope: Main Entries, Entry Lobby, Central Stair, Garage Stair, Common Areas, Corridors, Dining Areas, Serveries, Food Lab, MPR Room, OT/PT Suites, Offices, Children's House Suites, Special Start Classrooms, PS & CS Classrooms, Visual Arts Classrooms, Lower Elementary Classroom Suites, Upper School Science/Math/Social Studies Classrooms, LS Classroom Suites, Upper Classroom Suites, US Chorus & Band Suite, Visual Arts Suite, Maker Space Suite, Exterior Main Entry, Playground/Landscape.	Perkins Eastman RFS Engineering 71 Water Street Laconia, NH 03246 Philip Whitton (603) 832-9053	2022 Actual	\$160 M Actual	NA
(4)	DeBerry Homer Elementary School Acton, MA Carrie Hawley	156,990 SF elementary school. Scope: Entry Canopies & Vestibules Lobbies, Cafetorium, Media Center, Project Areas, Typical Classrooms, Art & Music Classrooms, Lit Library, Corridors/Circulation, Drop-offs, Pathways, Outdoor Activity Areas, Green Spaces, Parking.	DiNisco Design 99 Chauncy Street Suite 901 Boston, MA 02111 Rick Rice (617) 426-2858	2020 Actual	\$77.8 M Actual	NA
(5)	Somerville High School Somerville, MA Carrie Hawley	368,000 SF renovation and addition to a high school. Scope: Entries, Lobbies, Welcome Center, Principals Office, School Store, Corridors. Dining Commons, Offices, Conference Rooms, Classrooms, Trade Shops, Labs, Skill Center, Media Labs/Studios, Gym, Fitness Room, Locker Rooms. Auditorium, Band Rooms, Special Education Rooms, Media Center. Study Rooms Art Rooms, Stairs, Exterior egress Doors, Externally Illuminated Building Signage.	SMMA 1000 Massachusetts Ave Cambridge, MA 02138 Matt Rice (617) 520-9489	2021 Actual	\$199 M Actual	NA

9	List All Projects Within The Past 5 Years For Which Prime Applicant Has Performed, Or Has Entered Into A Contract To Perform, Any Design Services For All Public Agencies Within The Commonwealth.					
# of Total Projects: 22 (Projects in gray have been completed)		# of Active Projects: 8		Total Construction Cost (In Thousands) of Active Projects (excluding studies): \$214,453		
Role P, C, JV *	Phases St., Sch., D.D., C.D.,A.C.*	Project Name, Location and Principal-In-Charge	Awarding Authority (Include Contact Name and Phone Number)	Construction Costs (In Thousands) (Actual, Or Estimated If Not)	Completion Date (Actual or Estimated) (R)Renovation or (N)New	
P	All	1. Margaret A. Neary Elementary School Southborough, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Town of Southborough Rebecca Pellegrino, Director of Finance 53 Parkerville Road Southborough, MA 01772 (508) 486-5115	TBD	TBD	
P	All	2. Squantum Elementary School Quincy, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	City of Quincy 58 Saville Avenue Quincy, MA 02169 Paul J. Hines, JD Hines (617) 376-1512	\$70,000 Estimated	TBD	
P	All	3. Brooke Charter School Addition Mattapan, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Brooke Charter Schools 190 Cummings Highway Roslindale, MA 02131 Jon Clark, Network Co-Director (617) 325-7977	\$8,300 Estimated	July 2024 Estimate (R)	
P	All	4. Boardwalk Campus Acton, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Acton-Boxborough Regional School District 15 Charter Road Acton, MA 01720 Peter Light, Superintendent (978) 264-4700	\$93,269 Estimated	Building completed August 2022. Site work November 2023 (N)	
P	All	5. Lincoln-Eliot Elementary School Newton, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	City of Newton, Public Building Department 100 Walnut Street Newton, MA 02460 Alejandro M. Valcarce, Deputy Commissioner (617) 796-1609	\$41,584 Estimated	Summer 2025 (R)	
P	All	6. Terminal E Canopy East Boston, MA Principal-in-Charge: Amy Korté AIA, LEED AP, President	Massachusetts Port Authority 1 Harborside Drive Boston, MA 02128 Luciana Burdi (617) 568-5961	TBD	TBD	

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P	All	7.	Terminal E Parking Garage East Boston, MA Principal-in-Charge: Amy Korté AIA, LEED AP, President	Massachusetts Port Authority 1 HarborSide Drive Boston, MA 02128 Luciana Burdi (617) 568-5961	Confidential	TBD
P	All	8.	Massport South Boston Waterfront Transportation Center (SBWTC) Garage Signage South Boston, MA Principal-in-Charge: Amy Korté AIA, LEED AP, President	Massachusetts Port Authority 1 HarborSide Drive Boston, MA 02128 Luciana Burdi (617) 568-5961	\$1,300 Estimate	2024 Estimate
P	All	9.	Acton Town Wide Facility & Sustainability Study Acton, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Town of Acton 472 Main St Acton, MA 01720 Matt Frost (978) 929-6600	NA	2023 Planning Study
P	All	10.	Newton Early Childhood Program Newton, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Newton Early Childhood Program 687 Watertown Street Newton, MA 02460 Alejandro M. Valcarce, Deputy Commissioner (617) 796-1609	\$10,900	December 2022 (R)
P	All	11.	Global Learning Charter Public School New Bedford, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Global Learning Charter Public School 190 Ashley Boulevard New Bedford, MA 02746 Stephen J. Furtado, Executive Director (508) 991-4105	\$9,422	December 2022 (R)
P	All	12.	Neighborhood House Charter School Boston, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Neighborhood House Charter School 21 Queen Street Dorchester, MA 02122 Kate Scott, Executive Director (617) 825-0703	Project on Hold	Pending
P	All	13.	MassDevelopment On-Call Services Springfield, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	MassDevelopment 160 Federal Street Boston, MA 02110 Claire M O'Neill, Senior Vice President Real Estate Planning (617) 330-2091	Ongoing	Planning Studies
P	All	14.	Benjamin Franklin Classical Charter Public School Phase 2 - Gymnasium Franklin, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Benjamin Franklin Educational Foundation 201 Main Street Franklin, MA 02038 Heather Zolnowski, Executive Director (508) 541-3434	\$2,331 Actual	2022 (N)

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P	All	15.	Alma del Mar II New Bedford, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Alma del Mar Charter School 515 Belleville Avenue New Bedford, MA 02746 Will Gardner, Former Executive Director (774) 206-6827	\$19,000 Actual	December 2021 (N)
P	All	16.	Dale Street Elementary School Medfield, MA Principal-in-Charge: Laurence Spang, AIA LEED AP Feasibility Study & Schematic Design	Medfield Public Schools 459 Main Street, Third Floor Medfield, MA 02052 Jeffery Marsden, Superintendent (508) 359-2302	\$64,525 Estimate	2021
P	All	17.	Hildreth Elementary School Harvard, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Harvard Public Schools 39 Massachusetts Avenue Harvard, MA 01451 Linda Dwight, Superintendent (978) 456-4140	\$44,053 Actual	November 2021 (N)
P	All	18.	Conservatory Lab Charter School Roxbury, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Conservatory Lab Charter School 2120 Dorchester Avenue Dorchester, MA 02124 John Chistolini, Chief Operating Officer (617) 254-8904	\$21,800	2020 (N)
P	All	19.	Revere Beach Maintenance Facility Revere, MA Principal-in-Charge: David Bois, AIA LEED AP	DCR 251 Causeway Street Boston, MA 02114 Robin Pfetsch, Director (617) 626-4937	\$6,000	2019 (N)
P	All	20.	Benjamin Franklin Classical Charter Public School Franklin, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	Benjamin Franklin Educational Foundation 201 Main Street Franklin, MA 02038 Heather Zolnowski, Executive Director (508) 541-3434	\$19,700 Actual	2019 Actual (N)
P	All	21.	KIPP Academy Lynn Charter School Addition & New High School Lynn, MA Principal-in-Charge: Laurence Spang, AIA LEED AP	KIPP Massachusetts 90 High Rock Street Lynn, MA 01902 Emily Taylor (203) 214-6304	\$3,500 Addition \$22,000 Renovation	2017/2019 (R, N)
C	All	22..	King Open / Cambridge Street Upper Schools & Community Complex Cambridge, MA Principal-in-Charge: Laurence Spang, AIA LEED AP In association with William Rawn Associates, Inc.	City of Cambridge 795 Massachusetts Ave. Cambridge, MA 02139 James P. Maloney (617) 349-6494	\$130,000	2019 (N)

10	Use This Space To Provide Any Additional Information Or Description Of Resources Supporting The Qualifications Of Your Firm And That Of Your Sub-Consultants For The Proposed Project. If Needed, Up To Three, Double-Sided 8 1/2" X 11" Supplementary Sheets Will Be Accepted. APPLICANTS ARE ENCOURAGED TO RESPOND SPECIFICALLY IN THIS SECTION TO THE APPLICATION EVALUATION - PROJECT EXPERIENCE REQUESTED IN THE ADVERTISEMENT.																												
10.	See attached Section 10																												
11.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 5px;">Professional Liability Insurance</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Name of Company</td> <td style="padding: 5px;">Aggregate Amount</td> <td style="padding: 5px;">Policy Number</td> <td colspan="5" style="padding: 5px;">Expiration Date</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Beazley Insurance Company, Inc.</td> <td style="padding: 5px;">\$10,000,000.00</td> <td style="padding: 5px;">C1F242220601</td> <td colspan="5" style="padding: 5px;">06/30/2024</td> </tr> </table>									Professional Liability Insurance		Name of Company		Aggregate Amount	Policy Number	Expiration Date					Beazley Insurance Company, Inc.		\$10,000,000.00	C1F242220601	06/30/2024				
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Beazley Insurance Company, Inc.		\$10,000,000.00	C1F242220601	06/30/2024																									
12.	<p>Have monies been paid by you, or on your behalf, as a result of Professional Liability Claims (in any jurisdiction) occurring within the last 5 years and in excess of \$50,000 per incident? Answer YES or NO. If YES, please include the name(s) of the Project(s) and Client(s), and an explanation (attach separate sheet if necessary).</p> <p>Yes Claimant: 21 Revere Beach Boulevard, LLC Claimees: Arrowstreet Inc.; Callahan Construction Inc. Nature of Claim: Cost of remediation of design error during construction Project: 21 Revere Beach Boulevard Claim Year: 2020-2021 Status: Settled 2021</p>																												
13.	Name Of Sole Proprietor Or Names Of All Firm Partners and Officers:																												
	Name	Title	MA Reg #	Status/Disc		Name	Title	MA Reg #	Status/Disc																				
a.	Amy Korté	President	32197	Architecture	c.	David Bois	Treasurer	9497	Architecture																				
b.	Sean Selby	Partner	10295	Architecture	d.	Laurence Spang	Clerk	7984	Architecture																				
14.	If Corporation, Provide Names Of All Members Of The Board Of Directors:																												
	Name	Title	MA Reg #	Status/Disc		Name	Title	MA Reg #	Status/Disc																				
a.	Amy Korté	Chair	32197	Architecture	c.	Sean Selby	Partner	10295	Architecture																				
b.	David Bois	Partner	9497	Architecture	d.	Laurence Spang	Partner	7984	Architecture																				
15.	Names Of All Owners (Stocks Or Other Ownership):																												
	Name & Title	% Ownership	MA Reg #	Status/Disc		Name & Title	% Ownership	MA Reg #	Status/Disc																				
a.	Amy Korté, President	25	32197	Arch/Planning	c.	Sean Selby, Partner	25	10295	Architecture																				
b.	David Bois, Partner	25	9497	Architecture	d.	Laurence Spang, Partner	25	7984	Architecture																				
16.	<p>I hereby certify that the undersigned is an Authorized Signatory of Firm and is a Principal or Officer of Firm. I further certify that this firm is a "Designer", as that term is defined in Chapter 7C, Section 44 of the General Laws, or that the services required are limited to construction management or the preparation of master plans, studies, surveys, soil tests, cost estimates or programs. The information contained in this application is true, accurate and sworn to by the undersigned under the pains and penalties of perjury.</p>																												
Submitted by (Signature)			Printed Name & Title	Laurence Spang, AIA, Partner				Date	1/12/2024																				

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Arrowstreet has worked with some of the highest-performing public and charter schools in the Commonwealth to deliver award winning educational facilities that stimulate learning while creating a renewed sense of community and belonging.

Our mission is aligned with the Town of Milton's commitment to excellence. As school designers, we believe that:

- Your educational mission drives our design.
- Students, teachers, and community members deserve a school that supports their socio-emotional, mental, and physical well-being.

- High-performing, energy-efficient schools can save money over the long term and be a teaching tool to inspire math and science learning.
- Schools should spark joy to engage learners and build a supportive community.

MISSION DRIVEN DESIGN

As architects focused on design of schools, we know the new Upper Middle School and pre-K early education wing needs to support 21st-century learning while providing a healthy, safe, and welcoming resource for students and the entire Milton community. It must encourage an inspiring environment that will foster a safe, positive, healthy, and inclusive whole school learning environment.

Arrowstreet would love to be your partner to create a new Upper Middle School and pre-K that transforms education in Milton while relieving overcrowding in your existing schools and becoming a resource for the entire community.

We are a multi-disciplinary design firm that includes architects, interior designers, environmental graphic designers, and data scientists that shape schools to reflect our clients' mission and goals. Our team will work with you to blend creative learning environments and community interests with cost-effective, sound-building strategies.

WE CREATE WELCOMING SPACES FOR ALL TO LEARN



Boardwalk Campus - Two STEM classrooms are prominently located near the multipurpose Learning Commons, highlighting the focus on experimentation and excitement as the heart of the schools.

WHY ARROWSTREET

WE ARE DEEPLY ENGAGED WITH YOUR COMMUNITY



Harvard MA - Arrowstreet worked with the Town of Harvard, a small rural community with a strong commitment to education, to engage the community through a process of in-person meetings, public outreach, and social media, helping the project to pass the all-Town Meeting.

WE ARE LEADERS IN SUSTAINABILITY AND NET ZERO DESIGN



Boardwalk Campus – Serving two separate elementary schools and a preschool, the new building is net zero energy and water with an EUI of 24 achieved by geothermal HVAC system. The building was constructed for comparable costs as other standard school buildings.

FOCUS ON LEARNING

The *Milton Public Schools Strategic Plan 2022-2027* lays out strong principles that will guide the design of the new school. The plan calls for three strategic initiatives, the “Three Pillars”, to support students and faculty: Personalized Learning, Safe & Supportive Schools, and Equity in Learning.

Grades 7 and 8 represent a unique period in our children’s lives. Emerging from the supportive environment of elementary education, students in grades 7-8 are developing their own identities and gaining independence while building social skills with their peers. We believe there are several ways that the new facility can support Milton’s educational goals to foster curiosity, joy of learning, and strength of character.

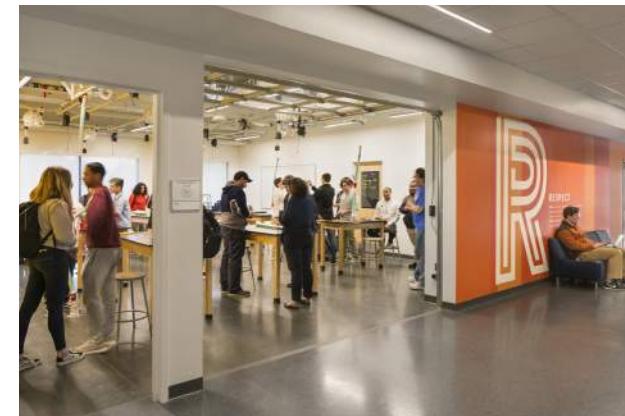
Classroom spaces are designed to provide differentiated instruction for students of all learning types in an efficient and inclusive setting. Instructional spaces equipped with integrated technology that engage students in our digital age.

Collaborative spaces to engage students. Well-designed corridors can become laboratories for movement and motion experiments. Small group reading areas, comfortable furnishings, and focused independent learning spaces can all help student development while providing opportunities to interact with peers, teachers, and staff.

Library / Media Center equipped with state-of-the-art technology that supports students' investigation in a digitally literate environment. This space can provide traditional library resources while providing a variety of digital and spatial experiences to encourage participation and engagement.



Blackstone Valley Prep High School



Hildreth Elementary School



Newton Early Childhood Program



Brooke Charter High School



Multi-Purpose STEM Labs that align with the MA Science and Technology/Engineering Framework to facilitate hands-on learning and experimentation through multi-content inquiry. For example, in our net zero schools, sustainable design features create natural science learning benefits, allowing students to observe and track the building's energy performance through the real-time use of dashboards, weather data, and other online resources.

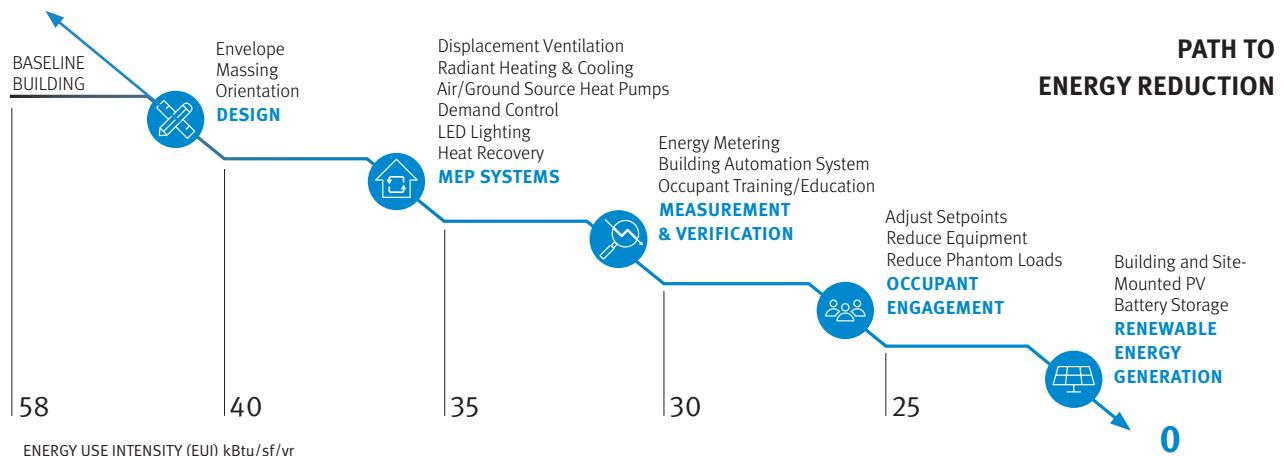
SUSTAINABILITY, WELLNESS, AND RESILIENCE

Arrowstreet is a national leader in high-performance buildings; we have designed over 3 million SF of net zero buildings, including the recently completed Boardwalk Campus in Acton. When the solar PV arrays and energy battery storage system are installed later this year, we predict the building will be fully net zero, producing more energy on-site than it consumes.

The King Open School in Cambridge set a new standard for high-performing, energy-efficient schools in Massachusetts, and was awarded the 2022 AIA Education Facility Design Award, the 2022 AIA Committee on the Environment (COTE) Top Ten Award, and the 2019 USGBC MA Green Building of the Year.



King Open/Cambridge Street Upper Schools & Community Complex



Energy Performance. Whatever Milton's sustainable and energy efficiency goals, Arrowstreet has the expertise to evaluate and set realistic, achievable performance goals. We will work closely with you to understand the initial capital investment and subsequent operations savings to guide the design of the new building.

As an example, through our user engagement process, we know that occupants of buildings can affect energy use by as much as 300–400%. Developing strategies to help users understand and improve their energy consumption is key to success.

Wellness. Arrowstreet looks beyond energy efficiency to ensure our buildings also provide a healthy environment for students, faculty, and staff. We consider wellness an essential design strategy to help with childhood development; the indoor environment, universal design, safety, and social equity will be among our priorities to creating a new, high-performing Upper Middle School and pre-K. All our schools incorporate a connection to nature through biophilic design, thermal and acoustical comfort, improved air quality, daylighting, and design for physical activity.



25 pEUI



72% energy reduction over 2030 baseline



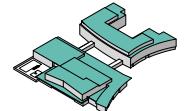
190 geothermal wells



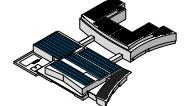
1,300 MWh PV



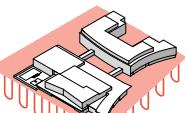
Red List Free Materials



RAINWATER HARVESTING



ROOF MOUNTED PV



GEOOTHERMAL HEATING & COOLING



As part of our community engagement process, tours of recently completed schools helped community members build a common understanding of new types of learning spaces.

Traffic is always a concern. The proposed site will require careful consideration of traffic. Efficient traffic flow and safety will be a critical consideration to the local neighborhoods and the entire community. Working with our traffic consultants, MDM Transportation Consultants, we will analyze, evaluate, and present options to resolve traffic concerns to help gain community consensus.

EDUCATING THE COMMUNITY ALONG THE WAY

We acknowledge and appreciate the diligent and proactive work that Milton has already completed to prepare for this project. Your proactive approach is key to establishing an open communications process with the community.

We want to continue that process of open conversation, presented in a clear and concise fashion, which allows the voices of the community to be heard. Through deliberate public engagement in public meetings, interactive workshops, and social media outreach, we will help Milton identify and set specific project goals that support your vision for the new school.

Arrowstreet is a leading proponent of healthy building materials. We maintain an internal product evaluation database that evaluates materials for their impact on health, specifying materials that are Red List Free and zero VOC (volatile organic compounds).

THOROUGH ANALYSIS IS KEY

We will work with Milton to thoroughly investigate the proposed site and explore the full range of options to create a new mixed-grade school on the existing high school campus. As an example, Arrowstreet completed Brooke High School on a similarly steeply sloped site. The simple, rectilinear building steps down the hill, reducing the foundation and steel costs while creating a public entrance at both ends of the building. For Milton, we image separate entrances for the Upper Middle School and pre-K that give each school its own identity while reducing traffic overlap.

ALTERNATIVES ANALYSIS



For the twin Douglas-Gates Elementary Schools, we completed multiple alternatives to evaluate three sites, different enrollments, and alternate building combinations to demonstrate a thorough analysis of the alternatives to the community.

Arrowstreet has developed communication tools to engage users at every level, including presentations, social media, town board meetings, and walking tours. We incorporate Virtual Reality, physical models, and interactive exercises into our outreach efforts, so the entire community (students, families, neighbors) stay informed and engaged throughout the process.

MANAGING COMPLEX PROJECTS

Arrowstreet is well-versed in school construction. We evaluate opportunities and costs quickly and efficiently with the ability to compare different systems with their advantages and implications.

The proposed site along Gile Road presents some interesting opportunities and challenges for the new school. The site is steeply sloping with wetlands and other environmentally sensitive areas, limiting the planning options for the building, parking and roadways, and outdoor recreation/playgrounds.

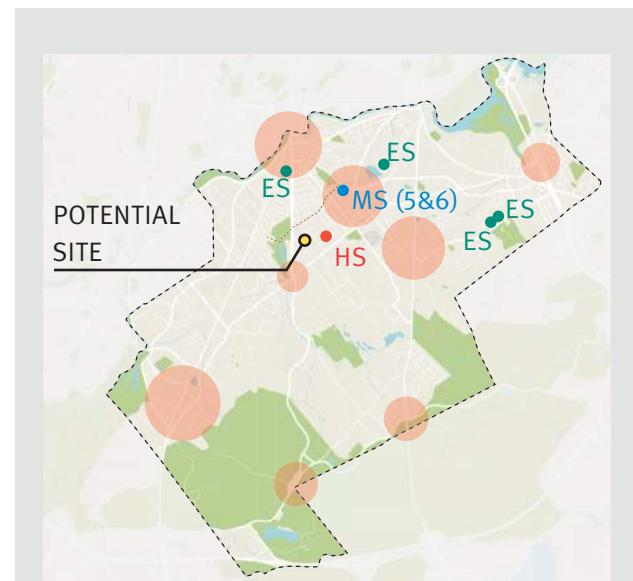
Our team can help guide Milton through the site analysis and concept design studies to understand building efficiencies and construction strategies that will help reduce cost and build consensus for the project. We know that presenting decisions in an easy-to-understand format allows stakeholders from many backgrounds to come together to decide how to best meet the Town's goals.

Our attention to detail will continue throughout Schematic Design to ensure that the educational visioning, program planning, and scope of the project are consistent, and consensus is built before subsequent project phases. This is critical as cost estimating typically requires hard decisions to be made.

We also understand the need to keep the project within the Town's budget. A large capital improvement project can have a significant impact on community members, so all decisions need to be made in a context where cost control is paramount and communication is transparent.

Arrowstreet understands this concern: all our schools incorporate cost-effective solutions to complex building projects. Key to our approach is consideration of construction efficiencies and logistics at the very outset of the project. We begin with understanding how the building can be organized and structured to minimize costs, ensuring the project is on budget from the start.

We believe that cost control should never compromise design excellence, quality, and durability. We will partner with the Town of Milton step-by-step to ensure the building is thoughtfully designed to meet the Town's educational goals, become a resource to the community, and successfully completed on time and on budget.



The consolidation of services offered at this centralized site is ideal, but presents traffic constraints and neighbor concerns that will need to be acknowledged. Intersections of traffic concern are highlighted in red.

Arrowstreet's Track Record of On-Time, On-Budget Projects

	New V. Renovation	Grades Served	Building Size (1000 SF)	Estimated Construction Cost	Actual Construction Cost	Cost per SF	Completed on time	Designed to LEED/CHPS Standards
Boardwalk Campus (MSBA)	N	PK-6	175K	\$95M	TBD	\$536	On Schedule	NET ZERO
Hildreth Elementary School (MSBA)	N	PK-5	85.2K	\$42.6M	\$44.8M	\$525	Yes	Yes
King Open Cambridge Street Upper Schools	N	PK-8	273K	\$130M	\$130M	\$476	Yes	NET ZERO
Benjamin Franklin Classical Charter School	N	K-8	76K	\$19.7M	\$19.7M	\$259	Yes	Yes
KIPP Wheeler	R	9-12	70K	\$20.8M	\$20.8M	\$298	Yes	Yes
Brooke Charter High School	N	9-12	93.4K	\$35M	\$33.8M	\$361	Yes	Yes
KIPP Academy Boston	N	K-8	53K	\$16.4M	\$14.2M	\$269	Yes	Yes
Fenway High School	N & R	9-12	76K	\$9.5M	\$9.5M	\$125	Yes	Yes
Brooke Mattapan Charter School	R	K-8	57K	\$11.8M	\$12.6M	\$222	Yes	Yes
KIPP Academy Lynn	N	9-12	71.5K	\$18M	\$22M	\$307	Yes	Yes

INITIAL DESIGN THINKING

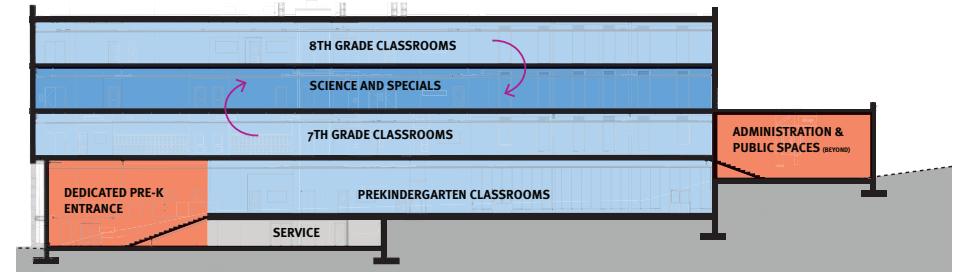
The site has a number of challenges to address such as wetlands, floodplains and associated setbacks, the Article 97 process for dedicated open space, and community concerns about the impact on their neighborhood. Through a series of iterative design studies, Arrowstreet will work with Milton to identify a building strategy that best meets your educational needs, provides a wonderful place to learn, creates a community resource, and meets the Town's budget and schedule requirements.

EXISTING SITE CONSTRAINTS



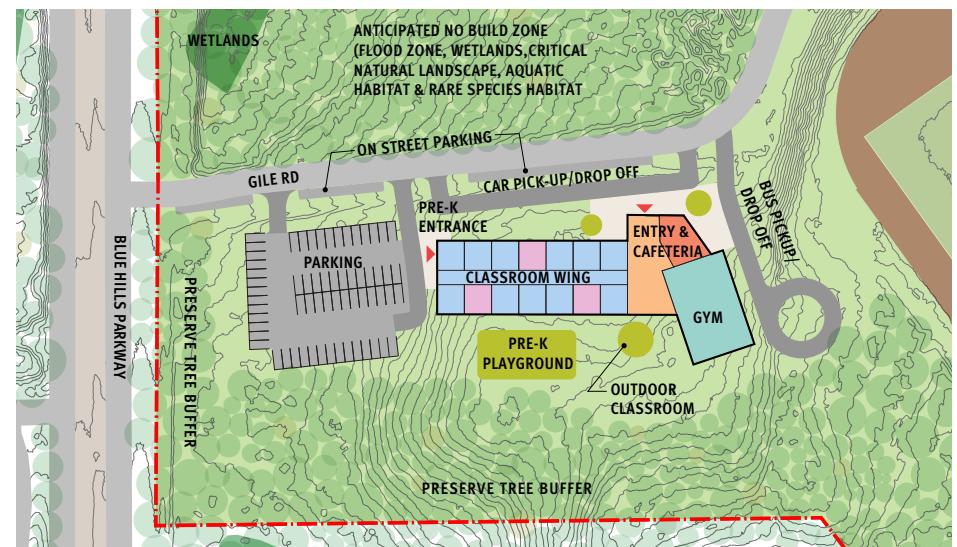
The proposed site has a variety of constraints, including the steeply sloping hillside, tight environmental regulations, and traffic considerations. Arrowstreet has successfully turned these types of constraints into design opportunities while also managing potential construction costs, such as our work at the Boardwalk Campus in Acton.

POTENTIAL SITE PLANNING STRATEGIES



TAKE ADVANTAGE OF THE HILLSIDE:

The hilly site is an opportunity to create a natural separation between the pre-Kindergarten and Middle School. Separate entrances on different levels at each end of the building can improve circulation while giving each school an identity of its own. Our experience with consolidated, multi-level schools can help turn a potential liability into a feature, such as our Brooke Charter High School.



SEPARATE TRAFFIC TO SIMPLIFY CIRCULATION:

Separate entrances for the Middle School and Pre-Kindergarten along with staggered schedules can help mitigate traffic concerns and provide distinct identities.



The Commonwealth of Massachusetts

Office of the Inspector General

Massachusetts Certified Public Purchasing Official Program



MCPPO
Excellence in Public Procurement

**SCHOOL PROJECT DESIGNERS & OWNER'S PROJECT MANAGERS
RECERTIFICATION**

This certificate is presented to

Laurence Spang

Certification required by the Massachusetts School Building Authority (MSBA)

Regulations 963 CMR 2.11 (12) and 2.12 (6)

This certification expires three years from March 18, 2021.

Glenn A. Cunha

GLENN A. CUNHA

INSPECTOR GENERAL

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Alteration or misuse of this certificate is prohibited. This duplicate of this certificate may be created for submission to the MSBA or other public body.



The Commonwealth of Massachusetts
Office of the Inspector General

Massachusetts Certified Public Purchasing Official Program



SCHOOL PROJECT DESIGNERS & OWNER'S PROJECT MANAGERS
RECERTIFICATION

This certificate is presented to

Katy Lillich

Certification required by the Massachusetts School Building Authority (MSBA)
Regulations 963 CMR 2.11 (12) and 2.12 (6)

This certification expires three years from March 18, 2021.

Glenn A. Cunha

GLENN A. CUNHA
INSPECTOR GENERAL



THE COMMONWEALTH OF MASSACHUSETTS
Executive Office for Administration and Finance
SUPPLIER DIVERSITY OFFICE

One Ashburton Place, Suite 1017
 Boston, MA 02108-1552

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 Executive Director

September 20, 2023

Dr. Lilia Abron
 Peer Consultants, P.C.
 409 12th Street SW, Suite 603
 Washington, DC 20024

Dear Dr. Abron:

Congratulations! Your firm has been renewed as a minority and woman business enterprise (MBE and WBE) with the Supplier Diversity Office ('SDO') under the business description of **CIVIL ENGINEERING, FACILITIES SUPPORT, AND CONSTRUCTION MANAGEMENT SERVICES**. Your firm will be listed in the SDO Certified Business Directory and the Massachusetts Central Register under this description. **This letter serves as the sole proof of your SDO certification**. Your designation as a MBE and WBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is September 08, 2026. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to your firm's three (3) years certification anniversary. Additionally, every six (6) years, certified companies that wish to remain certified may undergo a substantive review which will require certain updated supporting documentation.

SDO also reserves the right to monitor your firm and to perform random spot checks to ensure the firm continues to meet the certification criteria. Your firm is required to notify the SDO in writing of any material changes. Examples include but are not limited to changes in its business description, as well as business phone number, fax number, business' physical location, webpage and e-mail addresses. Other reportable changes include business structure, ownership (the business is sold or transferred), control and outside employment. You also have a duty to report decertification and debarment notices from this or any other jurisdiction. Failure to abide by the continuing duty requirements shall constitute grounds for the firm's decertification.

We look forward to working with you and your firm to maximize its business opportunities. Should you have any questions, please feel free to contact us via email at wsdo@state.ma.us.

Sincerely,

William M. McAvoy
 Executive Director

Tel: (617) 502-8843

www.mass.gov/sdo

eFax: (617) 502-8841

January 11, 2023

Ms. Pamela Perini
 Pamela Perini Consulting
 20 Freemont Terrace
 Waltham, MA 02452

Dear Ms. Perini:

Congratulations! Your firm has been renewed as a woman business enterprise (WBE) with the Supplier Diversity Office ('SDO') under the business description of **SECURITY CONSULTANT; SCHOOL SECURITY; K-12 SECURITY; CAMPUS SECURITY; SECURITY ASSESSMENTS; SECURITY DESIGN; LOW INCOME HOUSING SECURITY; ELDERLY HOUSING SECURITY; MUNICIPALITY SECURITY; TRANSPORTATION SECURITY; OPM; PROJECT MANAGEMENT; ACCESS CONTROL; CCTV; INTRUSION DETECTION; ALARM SYSTEMS; SECURITY COMMUNICATIONS**. Your firm will be listed in the SDO Certified Business Directory and the Massachusetts Central Register under this description. **This letter serves as the sole proof of your SDO certification**. Your designation as a WBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is January 22, 2026. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to your firm's three (3) years certification anniversary. Additionally, every six (6) years, certified companies that wish to remain certified may undergo a substantive review which will require certain updated supporting documentation.

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We look forward to working with you and your firm to maximize its business opportunities. Should you have any questions, please feel free to contact us via email at wsdo@state.ma.us.

Sincerely,

William M. McAvoy
 Executive Director

www.mass.gov/sdo

eFax: (617) 502-8841



THE COMMONWEALTH OF MASSACHUSETTS
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 Secretary
 William M. McAvoy
 Executive Director

March 3, 2021

Ms. Kellie Anne Connelly
 Terraink, Inc.
 7 Central Street, Suite 150
 Arlington, MA 02476

Dear Ms. Connelly:

Congratulations! Your firm has been renewed as a woman business enterprise (WBE) with the Supplier Diversity Office ('SDO') under the business description of **LANDSCAPE ARCHITECTURE AND PLANNING**. Your firm will be listed in the SDO Certified Business Directory and the Massachusetts Central Register under this description. **This letter serves as the sole proof of your SDO certification**. Your designation as a WBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is April 12, 2024. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to your firm's three (3) years certification anniversary. Additionally, every six (6) years, certified companies that wish to remain certified may undergo a substantive review which will require certain updated supporting documentation.

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We look forward to working with you and your firm to maximize its business opportunities. Should you have any questions, please feel free to contact us via email at wsdo@state.ma.us.

Sincerely,

William M. McAvoy
 Executive Director



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One Ashburton Place, Suite 1017
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 Executive Director

July 19, 2023

Mr. Abdelmadjid M. Lahlaif
 Lahlaif Geotechnical Consulting, Inc.
 100 Chelmsford Road, Suite 2
 Billerica, MA 01862-6420

Dear Mr. Lahlaif:

Congratulations! Your firm has been renewed as a minority business enterprise (MBE) with the Supplier Diversity Office ('SDO') under the business description of **GEOTECHNICAL SERVICES FOR ALL PROJECT PHASES, INCLUDING FEASIBILITY STUDIES DURING SITE SELECTION, GEOTECHNICAL DESIGN, MONITORING DURING CONSTRUCTION, FORENSIC ENGINEERING, AND FAILURE ANALYSIS**. Your firm will be listed in the SDO Certified Business Directory and the Massachusetts Central Register under this description. **This letter serves as the sole proof of your SDO certification**. Your designation as a MBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is June 09, 2026. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to your firm's three (3) years certification anniversary. Additionally, every six (6) years, certified companies that wish to remain certified may undergo a substantive review which will require certain updated supporting documentation.

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We look forward to working with you and your firm to maximize its business opportunities. Should you have any questions, please feel free to contact us via email at wsdo@state.ma.us.

Sincerely,

William M. McAvoy
 Executive Director



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September 28, 2022

Mr. Ko Ishikura
 Green International Affiliates, Inc.
 100 Ames Pond Drive, Ste 200
 Tewksbury, MA 01876

Dear Mr. Ishikura:

Congratulations! Your firm has been renewed as a minority business enterprise (MBE) with the Supplier Diversity Office ('SDO') under the business description of **CONSULTING CIVIL ENGINEERS SPECIALIZING IN TRANSPORTATION, STRUCTURAL, WATER RESOURCES AND ENVIRONMENTAL AND CIVIL AND SITE ENGINEERING**. Your firm will be listed in the SDO Certified Business Directory and the Massachusetts Central Register under this description. **This letter serves as the sole proof of your SDO certification.** Your designation as a MBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is October 01, 2025. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to your firm's three (3) years certification anniversary. Additionally, every six (6) years, certified companies that wish to remain certified may undergo a substantive review which will require certain updated supporting documentation.

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We look forward to working with you and your firm to maximize its business opportunities. Should you have any questions, please feel free to contact us via email at wsdo@state.ma.us.

Sincerely,

William M. McAvoy
 Deputy Assistant Secretary and
 Chief Legal Counsel



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Executive Office for Administration and Finance
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One Ashburton Place, Suite 1017
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 William M. McAvoy
 Executive Director

May 24, 2023

Mr. Mehul Dhruv
 Engineers Design Group, Inc.
 389 Main Street, Suite 401
 Malden, MA 02148-5173

Dear Mr. Dhruv:

Congratulations! Your firm has been renewed as a minority business enterprise (MBE) with the Supplier Diversity Office ('SDO') under the business description of **STRUCTURAL ENGINEERING AND CONSULTING SERVICES**. Your firm will be listed in the SDO Certified Business Directory and the Massachusetts Central Register under this description. **This letter serves as the sole proof of your SDO certification.** Your designation as a MBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is June 07, 2026. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to your firm's three (3) years certification anniversary. Additionally, every six (6) years, certified companies that wish to remain certified may undergo a substantive review which will require certain updated supporting documentation.

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We look forward to working with you and your firm to maximize its business opportunities. Should you have any questions, please feel free to contact us via email at wsdo@state.ma.us.

Sincerely,

William M. McAvoy
 Executive Director



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 Executive Director

October 18, 2023

Ms. Elizabeth Nilsen

Horton Lees Brogden Lighting Design, Inc.
 38 East 32nd Street, 11th Floor
 New York, NY 10016-5561

Dear Ms. Nilsen:

Congratulations! Your firm has been renewed as a woman business enterprise (WBE) with the Supplier Diversity Office ('SDO') under the business description of **ARCHITECTURAL LIGHTING DESIGN AND CONSULTING SERVICES; PROJECT MANAGEMENT AND COMPUTER AIDED DESIGN**. Your firm will be listed in the SDO Certified Business Directory and the Massachusetts Central Register under this description. **This letter serves as the sole proof of your SDO certification.** Your designation as a WBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is November 19, 2026. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to your firm's three (3) years certification anniversary. Additionally, every six (6) years, certified companies that wish to remain certified may undergo a substantive review which will require certain updated supporting documentation.

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We look forward to working with you and your firm to maximize its business opportunities. Should you have any questions, please feel free to contact us via email at wsdo@state.ma.us.

Sincerely,

Wanda Colon-DAngelo

Wanda Colon-DAngelo
 Director, Diverse and Small Business Certification

Tel: (617) 502-8843

www.mass.gov/sdo

eFax: (617) 502-8841



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 Executive Director

June 14, 2023

Mr. Todd Tsiang

Todd Tsiang
 341 Albemarle Road
 Newtonville, MA 02460

Dear Mr. Tsiang:

Congratulations! Your firm has been renewed as a minority business enterprise (MBE) with the Supplier Diversity Office ('SDO') under the business description of **INTERIOR DESIGN, INCLUDING SPACE PLANNING, DEVELOPMENT OF SPACE STANDARDS, FURNITURE CONSULTING, FF&E SERVICES AND PROJECT MANAGEMENT**. Your firm will be listed in the SDO Certified Business Directory and the Massachusetts Central Register under this description. **This letter serves as the sole proof of your SDO certification.** Your designation as a MBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is July 11, 2026. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to your firm's three (3) years certification anniversary. Additionally, every six (6) years, certified companies that wish to remain certified may undergo a substantive review which will require certain updated supporting documentation.

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We look forward to working with you and your firm to maximize its business opportunities. Should you have any questions, please feel free to contact us via email at wsdo@state.ma.us.

Sincerely,

William M. McAvoy

William M. McAvoy
 Executive Director

Tel: (617) 502-8843

www.mass.gov/sdo

eFax: (617) 502-8841

Tax Compliance Certification

Certification of Compliance

I certify under the penalties of perjury that I, to my best knowledge and belief, have filed all state tax returns and paid all state taxes required under law.

Arrowstreet Inc.
*Signature of Individual or Corporate Name
(Mandatory)

Randy Ruhle, CFO

**Social Security Number (Voluntary) or
Federal Identification Number

*Approval of a contract or other agreement will not be granted unless this certification clause is signed by the applicant.

** Your social security number or federal identification number will be furnished to the Massachusetts Department of Revenue to determine whether you have met tax filing or tax payment obligations. Providers who fail to correct their non-filing or delinquency will not have a contract or other agreement issued, renewed or extended. This request is made under the authority of Massachusetts General Laws c.62C s. 49a.

NON-COLLUSION AFFIDAVIT OF BIDDER

State of: Massachusetts

Federal Identification No:

County of: Suffolk

Laurence Spang being first duly sworn, deposes and says that:

1. He/She is (Owner, Partner, Officer, Representative or Agent) of: Arrowstreet Inc.
the bidder that has submitted the attached bid;
 2. He/She is fully informed respecting the preparation and contents of the attached bid and all pertinent circumstances respecting such bid;
 3. Such bid is genuine and not a collusive or sham bid;
 4. Neither the said bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other bidder, firm or person to submit a collusive or sham bid in connection for which the attached bid has been submitted or to refrain from bidding in connection with such Contract or has in any manner directly or indirectly, sought by agreement or collusion or communication or conference with any bidder, firm or person to fix the price or prices in the attached bid or of any other bidder, or to fix any overhead, profit or cost or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Town of Hingham or any person interested in the proposed contract; and
 5. The price quoted in the attached bids is fair and proper and is not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including the affiant.

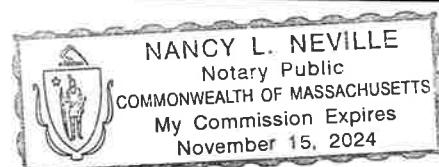
By: John
Partner
Title

Subscribed and sworn to before me

This 9th day of January, 2024

Nancy E. Neville
Nancy E. Neville
Title

My Commission expires: 11/15/2024



CERTIFICATE OF VOTE
(to be filed if Contractor is a Corporation)

I, Amy Korte, AIA hereby certify that I am (President of the Corporation) the duly
Qualified and acting President of Arrowstreet Inc. (name of corporation)
and I further certify that a meeting of the Directors of said Company, duly called and held on
8 January 2024, (date of meeting) at which all Directors were present and
voting, and the following vote was unanimously passed:

Voted: To authorize and empower

Laurence Spang

Anyone acting singly, to execute Forms of General Bid, Contracts or Bonds on behalf of the Corporation.

I further certify that the above vote is still in effect and has not been changed or modified in any respect.

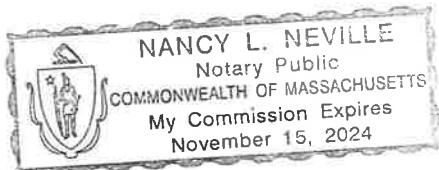
By: Amy Korte
President of Corporation

A True Copy:

Attest Mary L. Dick
Notary Public

My Commission Expires: 11/15/2024

Date: 1/9/2024



Article XX To see if the Town will vote to accept M.G.L. c.40, Section 57, which authorizes enactment of a by-law allowing denial or revocation of local licenses and permits for failure of the licensee or permittee to pay municipal taxes or charges, and vote to amend the Town's General Bylaws by adding the following new Article Section :

Section - Denial, Revocation Or Suspension Of Local Licenses And Permits

A. Any Town board, officer or department or other local licensing or permitting authority may deny any application for, or revoke or suspend a building permit, or any local license or permit including renewals and transfers issued by any board, officer, department for any person, corporation or business enterprise, who has neglected or refused to pay any local taxes, fees, assessments, betterments or any other municipal charges, including amounts assessed under the provisions of section twenty-one D or with respect to any activity, event or other matter which is the subject of such license or permit and which activity, event or matter is carried out or exercised or is to be carried out or exercised on or about real estate whose owner has neglected or refused to pay any local taxes, fees, assessments, betterments or any other municipal charges.

B. The Treasurer/Collector—shall annually furnish to each department, board, commission or division, hereinafter referred to as the licensing authority, that issues licenses or permits including renewals and transfers, a list of any person, corporation, or business enterprise, hereinafter referred to as the party, that has neglected or refused to pay any local taxes, fees, assessments, betterments or other municipal charges for not less than a twelve month period, and that such party has not filed in good faith a pending application for an abatement of such tax or a pending petition before the Appellate Tax Board.

C. The licensing authority may deny, revoke or suspend any license or permit, including renewals and transfers of any party whose name appears on said list furnished to the licensing authority from the Treasurer/Collector or with respect to any activity, event or other matter which is the subject of such license or permit and which activity, event or matter is carried out or exercised or is to be carried out or exercised on or about real estate owned by any party whose name appears on said list furnished to the licensing authority from the Treasurer/Collector; provided, however, that written notice is given to the party and the Treasurer/Collector, as required by applicable provisions of law, and the party is given a hearing, to be held not earlier than fourteen days after said notice. Said list shall be *prima facie* evidence for denial, revocation or suspension of said license or permit to any party. The Treasurer/Collector shall have the right to intervene in any hearing conducted with respect to such license denial, revocation or suspension. Any findings made by the licensing authority with respect to such license denial, revocation or suspension shall be made only for the purposes of such proceeding and shall not be relevant to or introduced in any other proceeding at law, except for any appeal from such license denial, revocation or suspension. Any license or permit denied, suspended or revoked under this section shall not be reissued or renewed until the license authority receives a certificate issued by the Treasurer/Collector that the party is in good standing with respect to any and all local taxes, fees, assessments, betterments or other municipal charges, payable to the Town as the date of issuance of said certificate.

D. Any party shall be given an opportunity to enter into a payment agreement, thereby allowing the licensing authority to issue a certificate indicating said limitations to the license or permit and the validity of said license shall be conditioned upon the satisfactory compliance with said agreement. failure to comply with said agreement shall be grounds for the suspension or revocation of said license or permit; provided, however, that the holder be given notice and a hearing as required by applicable provisions of law.

E. The Select Board may waive such denial, suspension or revocation if it finds there is no direct or indirect business interest by the property owner, its officers or stockholders, if any, or members of his immediate family, as defined in section one of chapter two hundred and sixty-eight A in the business or activity conducted in or on said property.

F. This Section shall not apply to the following licenses and permits: open burning; section thirteen of chapter forty-eight; bicycle permits; section eleven A of chapter eighty-five; sales of articles for charitable purposes, section thirty-three of chapter one hundred and one; children work permits, section sixty-nine of chapter one hundred and forty-nine; clubs, associations dispensing food or beverage licenses, section twenty-one E of chapter one hundred and forty; dog licenses, section one hundred and thirty-seven of chapter one hundred and forty; fishing, hunting, trapping license, section twelve of chapter one hundred and thirty-one; marriage licenses, section twenty-eight of chapter two hundred and seven and theatrical events, public exhibition permits, section one hundred and eighty-one of chapter one hundred and forty;

And authorize the Town Clerk to amend section numbering and titles, or take any other action related thereto.

Submitted by the _____

**POLICY, PERMIT APPLICATION AND RELEASE FOR USE OF
THE TOWN GREEN AND/OR THE BARON HUGO GAZEBO**

APPLICATION

Applicant's Name: Milton Public Library (Will Adamczyk)

Applicant's Address: 476 Canton Avenue, Milton

Applicant's Phone: 617-898-4949

Description of proposed use: Children's concert, featuring the BenAnna Band, as part of the Library's annual Teddy Bear Picnic.

(Please provide as much detail as possible.)

Proposed Event Date: 6/5/2024

Proposed Event Start Time: 11:00

Proposed Event End Time: 12:30

Number of Guests and/or Attendees: 100

The Applicant certifies that he/she has read the foregoing policy and agrees to comply therewith, that all of the information provided in this application is true and correct, and that the applicant shall abide by any conditions of this permit.

Signature of Applicant: Will Adamczyk

Date: 2.1.24

Printed Name: William L. Adamczyk

Printed Title: Library Director

-----For Completion by the Select Board/Town Administrator-----
Approved by:

Select Board / Town Administrator

Date

Conditions of Approval: _____

Use Charge(s): _____

**POLICY, PERMIT APPLICATION AND RELEASE FOR USE OF
THE TOWN GREEN AND/OR THE BARON HUGO GAZEBO**

RELEASE AND INDEMNITY AGREEMENT

I, William L. Adamczyk, of Milton Public Library,
(Applicant Name) (Applicant Address)

in consideration of the grant of permission to use the Town Green and/or the Baron Hugo Gazebo located in front of the Milton Town Office Building at 525 Canton Ave, Milton, MA 02186 for the purpose of a children's program on the date of 6/5/24,
(Description of event) (Date)

forever release, indemnify and hold harmless the Town of Milton, Massachusetts, and all of its officers, employees, boards, commissions and committees, including without limitation the Milton Select Board and the Town Administrator (the "Indemnities") from all claims, causes of action, costs, damage and liability of any kind, including without limitation death, personal injury, property damage and attorney's fees, including without limitation those related to COVID-19, which the Applicant now has or may have or hereafter may have against any of the Indemnities resulting from the Applicant's and or the Applicant's invitees' use of the Town Green and/or the Baron Hugo Gazebo. This provision is limited to claims for ordinary negligence, and shall not apply to claims for gross negligence or reckless or intentional conduct.

Signature of Applicant:

Willi Adamcz Date: 21/1/24

Printed Name:

William L Adamczyk Printed Title: Library Director