

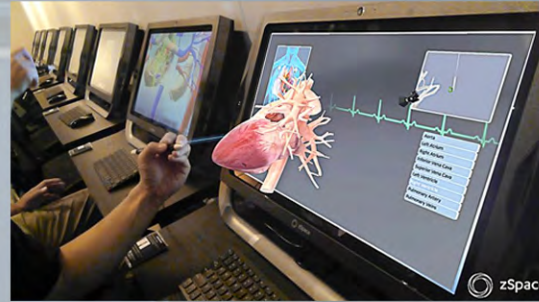


## Somerset Middle School

Designer Services Proposal









# Introduction & Outlook

It was approximately eight years ago when Ai3 partners Troy Randall and Scott Dunlap first toured the Somerset Middle School as part of an exploration of the District's instructional strategies. It was the beginning of a great relationship with the Town of Somerset that can now provide a platform for creating an amazing Somerset Middle School. The enthusiasm exhibited by the educators, the administrators, the Town, and the students during the Somerset-Berkley Regional High School project was contagious and it made the entire process an inspiring and rewarding experience. We would love an opportunity to combine our prior successful relationship with Somerset and our innovative design approach on recent middle schools to create something truly exceptional. We believe that the most innovative projects occur with repeat clients where trust and confidence allow us to explore strategies for thoughtful and progressive solutions that challenge conventional wisdom.

Over the past five years our middle school clients have allowed us to explore the extraordinary opportunities that are now available through advancements in design, materials, technology, systems, environmental consciousness, and education. We have guided these clients in creating middle school educational environments that are unequalled; providing a broad array of new opportunities for teachers and students while simultaneously encouraging freedom of expression through investigation, exhibition, and experiential learning. Our new Kennedy Middle School in Natick combines futuristic thinking about spatial organization and architectural materials and systems with integrated virtual reality technologies to create a truly unique middle school experience. Students can explore the outer realms of space, complete complex science dissections, and execute 3-D math computations in ways never thought possible. The creative organization of these labs puts experiential learning on display; increasing the dynamic nature of the student experience and creating excitement about learning. We recently opened the new Beverly Middle School, which redefines plan organizational strategies that promote collaborative hands-on learning within the middle school environment. We also recently opened the new Sterling Middle School in Quincy; a giant leap forward in providing a professional environment for students and teachers which rivals the most creative college and university environments. We are very fortunate to have had great opportunities and great clients for many years, completing both renovation and new construction environments which are innovative and forward-thinking. Many of our clients have returned to us for multiple middle schools, including two middle schools for the City of Quincy, two for the Town of Natick, and two for the City of Woonsocket, Rhode Island. We are very proud that each of these clients returned to us knowing that we remain the leader in unique, innovative, and inspiring middle school environments. Our experience with the renovation of existing schools led us to the Nathan Bishop Middle School in the City of Providence, Rhode Island, which is being heralded by the Department of Education and the Historical Commission as a prime example of how historic buildings can be transformed into "modern, green, 21st Century learning environments...". We believe the key factors identified within our Project Approach (Section 10) herein will ultimately define the future of modern middle school environments throughout the country, and we know that Somerset is willing and able to follow us in this endeavor.

Our proposed study and design team will be led by partners Troy Randall, Scott Dunlap, and Jim Jordan. This trio has been working collaboratively together for over twenty-five years and has been involved in all middle school projects at Ai3. Our consultant team is the same team that completed all projects herein, and collectively we can demonstrate a long and successful history. Our integrated building technology systems will be designed by our in-house technology team of John Jordan and Kate Ives. John has spent the last twenty years designing voice, video, data, and security systems on all Ai3 projects and spends much of his time educating and supporting owners in utilizing these highly integrated systems. Kate has many years of experience in technology systems and leads Ai3's integration of BIM (Building Information Modeling) and the virtual reality integration of client experiences into our proposed middle school environments during the design process. We have found that this new ability to allow clients to experience proposed design strategies through virtual reality tools is a very effective communication tool during design.

Our firm focuses its entire practice on PK-12 educational design and solicits clients who believe that teaching, learning, and socialization can be dramatically improved through outstanding educational

May 23, 2019



Beverly Middle School - library media center



Kennedy Middle School - gym lobby



Sterling Middle School



Sterling Middle School - dining



# Introduction & Outlook

facility planning and design. This approach allows us to deliver specialized recommendations and strategies for “ideal” educational environments that serve as models for future learning. Our reputation speaks for itself, with our former clients reporting that we are “...setting a new standard for educational environments throughout New England and across the country”, and “...providing a refreshing approach to intelligent school design which revolutionizes teaching and learning in the modern school environment”. Our most recent school projects have been hailed by educators and designers across the country as the most outstanding examples of educational excellence and environmentally-conscious design in the country.

The opportunity for Ai3 to continue its relationship with the Town of Somerset would allow us to take advantage of many unique attributes that we can offer the Somerset Middle School project, as follows:

**Availability** – In an effort to ensure a high level of commitment and availability, we have monitored our workload in anticipation of this project and have not pursued an MSBA project in over two years. We are prepared to dedicate enormous resources to this project.

**Credibility** – Having delivered a hugely successful high school project for Somerset, Ai3 has become a known entity in the Town of Somerset. During our work on the high school project, there were many times when our credibility was required in order to advance progressive ideas and receive overwhelming support. The neighbors and community members who worked collaboratively with us through this process can vouch for our credibility and provide valuable input in moving the middle school project forward.

**Experience** – Very few firms offer the extensive and innovative middle school experience contained within our portfolio, including seventeen new middle schools across New England and middle school projects as far away as Seoul, Korea. Ai3’s renovation and new construction projects over the past twenty years include over 2.0 million square feet of middle school environments, representing an enormous amount of experience and expertise.

**Innovation** – Credibility and experience can provide a much-needed platform for innovation, as architects often encounter resistance in advancing progressive new ideas without an established trust of the client and definitive examples of past success. Ai3 has developed this credibility with Somerset and has the experience of numerous past successes. We have continued to advance innovative ideas, creative organizational strategies, and thoughtful expression of architecture in ways that transform the middle school learning experience. Ai3’s recently designed Beverly Middle School in Beverly, Massachusetts, and Sterling Middle School in Quincy, Massachusetts received numerous accolades from the MSBA Facilities Assessment Subcommittee for transcending the traditional concepts of a middle school and manifesting our ideas in a forward-thinking building design that sets new standards for middle school learning environments.

Ai3 is uniquely qualified to continue collaborating with Somerset in merging architectural vision and educational strategy to create a truly innovative partnership. We believe this project represents not only a great opportunity for Ai3 and the Town of Somerset, but also for the MSBA and the Commonwealth of Massachusetts, as all parties share the common goal of leading the country and the world in creating thoughtful, responsible, and innovative educational environments.

We would like to thank each Designer Selection Panel member for taking the time to review our proposal and request your consideration when identifying the best partner for the Town of Somerset.

## Somerset Middle School



Sterling Middle School



Kennedy Middle School - greenhouse



Beverly Middle School

*The signatures shall also certify that Ai3 Architects, LLC will meet the following minimum requirements: 1) be a qualified Designer within the meaning of M.G.L. Chapter 7C, Section 44, employing a Massachusetts registered Architect; 2) the Massachusetts registered Architect has successfully completed the MCPPO “Certification for School Project Designers and Owner’s Project Managers” seminar; and 3) the Designer agrees to contract with MBE and WBE businesses for no less than a combined 17.9% of the design contract price.*

*Please see the Appendix for full Certificate of Compliance with Minimum Requirements, as well as for: all Certifications required as per the RFS, MCPPO Certifications, full MBE/WBE Certification of Compliance, SDO Certification Letters, and Acknowledgment of any Addenda issued to the RFS.*

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L. Scott Dunlap  
Partner

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James S. Jordan  
Partner

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Troy L. Randall  
Partner

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Daren W. Sawyer  
Partner



# Sections 1-5

Commonwealth of Massachusetts

**Standard Designer Application Form for Municipalities and Public Agencies not within DSB Jurisdiction (Updated July 2016)**

1. Project Name/Location For Which Firm Is Filing



2. Project #

**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

**Ai3 Architects, LLC**  
526 Boston Post Road  
Wayland, MA 01778

3e. Name Of Proposed Project Manager

For Study & Design **L. Scott Dunlap, AIA, LEED AP – MA Reg. #9292**  
**James S. Jordan, AIA, LEED AP BD+C – MA Reg. #10663**  
**Julie Rahilly, AIA – MA Reg. #951459**

3b. Date Present and Predecessor Firms Were Established

**March 18, 1999**

3f. Name And Address Of Other Participating Offices Of The Prime Applicant, If Different From Item 3a Above

**N/A**

3c. Federal ID #

**04-3458736**

3g. Name And Address Of Parent Company, If Any

**N/A**

3d. Name And Title Of Principal-In-Charge Of The Project (MA Registration Required)

**Troy L. Randall, Partner, AIA, LEED AP BD+C**  
**MA Reg. #10738**

3h. Check Below If Your Firm Is Either

- (1) SDO Certified Minority Business Enterprise (MBE)
- (2) SDO Certified Woman Business Enterprise (WBE)
- (3) SDO Certified Minority Woman Business Enterprise (M/WBE)
- (4) SDO Certified Service Disabled Veteran Owned Business Enterprise (SDVOBE)
- (5) SDO Certified Veteran Owned Business Enterprise (VBE)

Email Address [randall@ai3architects.com](mailto:randall@ai3architects.com)  
Telephone No. **(508) 358-0790**  
Fax No. **(508) 358-0791**

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. Personnel	<u>1</u> [ _____ ]	Ecologists	_____ [ _____ ]	Licensed Site Profs.	_____ [ _____ ]	Other	_____ [ _____ ]
Architects	<u>14</u> [ <u>12</u> ]	Electrical Engineers	_____ [ _____ ]	Mechanical Engineers	_____ [ _____ ]	Technology Designer	<u>2</u> [ _____ ]
Acoustical Engineers	_____ [ _____ ]	Environmental	_____ [ _____ ]	Planners: Urban/Reg.	_____ [ _____ ]		
Civil Engineers	_____ [ _____ ]	Fire Protection	_____ [ _____ ]	Specification Writers	<u>*</u> [ _____ ]		
Code Specialists	_____ [ _____ ]	Geotechnical Engineers	_____ [ _____ ]	Structural Engineers	_____ [ _____ ]		
Construction Inspectors	<u>2</u> [ _____ ]	Industrial	_____ [ _____ ]	Surveyors	_____ [ _____ ]		
Cost Estimators	_____ [ _____ ]	Interior Designers	_____ [ _____ ]				
Drafters	<u>21</u> [ _____ ]	Landscape	_____ [ _____ ]				
						<b>Total</b>	<b><u>40</u></b> [ <b><u>12</u></b> ]

\* All registered Architects are qualified to write specifications.

5. Has This Joint-Venture Previously Worked Together?

Yes

No

**N/A**



# Section 6

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:

## City/Town/Agency

Town of Somerset, Massachusetts

Massachusetts School Building Authority



*Architecture:*  
**Ai3 Architects, LLC**  
*Principal-in-Charge*  
**Troy L. Randall, AIA, LEED AP BD+C**  
 MA Reg. #10738

*Project Managers for Study & Design:*  
**L. Scott Dunlap, AIA, LEED AP**  
 MA Reg. #9292  
**James S. Jordan, AIA, LEED AP BD+C**  
 MA Reg. #10663  
**Julie Rahilly, AIA**  
 MA Reg. #951459

*Site Surveying:*  
**Welch Associates Land Surveyors, Inc.**

*President*  
**Pamela M. Welch, PLS**  
 MA Reg. #36129  
**WBE**

*Electrical / Lighting:*  
**Griffith & Vary, Inc.**

*Principal-in-Charge*  
**Robert C. Bravo, P.E.**  
 MA Reg. #46657

*Hazardous Materials:*  
**Universal Environmental Consultants**

*President*  
**Ammar M. Dieb**

*Landscape Architecture:*  
**Traverse Landscape Architects, LLC**

*Principal-in-Charge*  
**Kris M. Bradner, RLA**  
 MA Reg. #1618  
**WBE**

*Structural Engineering:*  
**Engineers Design Group, Inc.**

*Principal-in-Charge*  
**Mehul Dhruv, P.E.**  
 MA Reg. #37453  
**MBE**

*Civil Engineering; Environmental Permitting:*  
**The Vertex Companies, Inc.**

*Vice President*  
**Andrew Chagnon, P.E.**  
 MA Reg. #46113

*Educational Programming:*  
**New Vista Design**

*President*  
**David Stephen**  
 MA Reg. #9752

*Acoustical Consultant:*  
**Acentech, Inc.**

*Principal-in-Charge*  
**Ioana Pieleanu**

*Specifications Consultant:*  
**Wil-Spec, LLC**

*Principal-in-Charge*  
**Robert R. Wilkinson, RA**

*HVAC, Plumbing, and Fire Protection Engineering:*  
**Griffith & Vary, Inc.**

*Principal-in-Charge*  
**Wayne E. Mattson, P.E.**  
 MA Reg. #41546

*Laboratory Consultant (in-house):*  
**Ai3 Architects, LLC**  
*Associate, Interior Designer*  
**Heather Martins**

*Theatrical Consultant:*  
**Barbizon Light of New England**

*Senior Systems Integrator*  
**Scott Stipetic**

*Code Consultant:*  
**Cosentini Associates, Inc.**

*Vice President*  
**Rockwood J. Edwards, P.E.**  
 MA Reg. #39633

*Data / Communications; Security Consultant (in-house):*  
**Ai3 Architects, LLC**

*Principal, Director of Technology*  
**John C. Jordan**

*Kitchen / Food Service Consultant:*  
**Crabtree McGrath Associates, Inc.**

*President*  
**John Sousa**

*Accessibility Consultant:*  
**KMA**

*Principal-in-Charge*  
**Josh Safdie, RA, AIA**  
 MA Reg. #51093

*Traffic Consultant:*  
**Pare Corporation**

*Project Engineer*  
**Amy J. Archer, P.E.**  
 MA Reg. #50439

*Cost Estimating:*  
**PM&C**

*Principal-in-Charge*  
**Peter Bradley, LEED AP**

*Sustainable / Green Design / Renewable Energy Consultant:*  
**Andelman & Lelek Engineering, Inc.**

*Principal-in-Charge*  
**M. Magda Lelek, P.E.**  
 MA Reg. #45055  
**WBE**

*Geoenvironmental Engineering:*  
**FS Engineers, Inc.**

*Principal-in-Charge*  
**Farooq Siddique, P.E., LSP**  
 MA Reg. #38133  
**MBE**

*Library/Media; Furniture, Fixtures, and Equipment Consultant:*  
**Point Line Space, Inc.**

*Principal-in-Charge*  
**Peter S. Constable**

*Geotechnical Engineering:*  
**Pare Corporation**

*Senior Vice President*  
**J. Matthew Bellisle, P.E.**  
 MA Reg. #40986

*Technology Consultant / Audio Visual Consultant (in-house):*  
**Ai3 Architects, LLC**

*BIM Specialist*  
**Katharine Ives, RA, AIA, LEED AP BD+C**

# Section 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.**

7a. Name And Title Within Firm    7b. Project Assignment

**Troy L. Randall,**  
**AIA, LEED AP BD+C**  
 Partner

**Principal-In-Charge**

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2001 / Registered Architect  
**Massachusetts Registration #10738**

7g. Current Work Assignments And Availability For This Project

**Current Work:** Troy is the Principal-In-Charge of the BMC Durfee High School (Fall River) Feasibility, Schematic Design, and Construction Documentation.

**Availability:** Troy is currently wrapping up his responsibilities as Principal-In-Charge of the design for the BMC Durfee High School in anticipation of being fully complete and having 100% of his time available to commit to the Somerset Feasibility effort by August 2019.

7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**Ai3 Architects, LLC**

526 Boston Post Road  
 Wayland, MA 01778

(508) 358-0790

[randall@ai3architects.com](mailto:randall@ai3architects.com)

MBE   
 WBE   
 SDVOBE   
 VBE

7d. Years Experience With Firm

20

With Other Firms

6

7e. Education: Degree(s)/Year/Specialization

- Bachelors in Architecture/1997



7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

## About

**Troy L. Randall, AIA, LEED AP BD+C**

As Principal-In-Charge for the Somerset Middle School project, Troy will work to guide the project through all phases; utilizing his experience in obtaining approval, input, and support from all Town officials, departments, boards, and committees. Troy is one of the partners of Ai3, and he was the face of Ai3 throughout the planning and design stages of the Somerset-Berkley Regional High School. He will be the primary point of contact throughout the feasibility and schematic design phases for the Somerset Middle School, just as he was on the Somerset-Berkley Regional High School. He will be involved in all meetings, presentations, and discussions throughout the feasibility and design process.

Troy has over 25 years of experience with middle school programming and design, including numerous renovation and new construction projects. He has extensive experience converting older school buildings into modern 21st Century learning environments, as he and Scott Dunlap collaborated on the feasibility study of the historic Nathan Bishop Middle School in Providence, Rhode Island. This 1920's facility, subsequent to a comprehensive renovation and reconfiguration by Ai3, is now being heralded by the state of Rhode Island as an ideal example of how historic buildings can be converted into "Green 21st Century Learning Environments". One of Troy's roles in the feasibility study will be to lead the team in investigating the possible reuse of the existing Somerset Middle School building.



### Relevant projects worked on with Ai3 Architects

New Somerset-Berkley Regional High School Somerset, MA	New Franklin High School Franklin, MA	New Lincoln Middle School, Lincoln High & Elementary Schools Lincoln, RI
New Central Middle School, New Reay E. Sterling Middle School Quincy, MA	New East Elementary School, Foster Elementary School, Plymouth River Elementary School, New Hingham Middle School Hingham, MA	New Woonsocket Middle Schools Woonsocket, RI
New Beverly Middle School Beverly, MA	Summer Street Elementary School, Huckleberry Hill Elementary School, New Lynnfield Middle School, Lynnfield High School Lynnfield, MA	Nathan Bishop Middle School Providence, RI
New Wilson Middle School, New Natick High School, New J.F. Kennedy Middle School Natick, MA	Lillian M. Jacobs Elementary School, Memorial Middle School, Hull High School Hull, MA	New Marshfield High School Marshfield, MA
New Abington Co-Located Pre-K / Middle / High School Abington, MA		New Plymouth North High School, New Plymouth South High School Plymouth, MA
		New B.M.C. Durfee High School Fall River, MA





# Section 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.**

7a. Name And Title Within Firm    7b. Project Assignment

**L. Scott Dunlap,**  
**AIA, LEED AP**  
 Partner

**Lead Project Manager for Study & Design**

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

1991 / Registered Architect  
**Massachusetts Registration #9292**

7g. Current Work Assignments And Availability For This Project

**Current Work:** Scott is currently the Principal-In-Charge of the Watertown Elementary Schools projects.

**Availability:** Scott will be supporting Troy throughout the Somerset Middle School Feasibility and Schematic Design process. It is anticipated that approximately 25% of his time will be required and available for this effort.

7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**Ai3 Architects, LLC**  
 526 Boston Post Road  
 Wayland, MA 01778  
 (508) 358-0790  
[dunlap@ai3architects.com](mailto:dunlap@ai3architects.com)

MBE   
 WBE   
 SDVOBE   
 VBE

7d. Years Experience With Firm    20  
 With Other Firms    11

7e. Education: Degree(s)/Year/Specialization  
 • Bachelors in Architecture/1989



7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

## About L. Scott Dunlap, AIA, LEED AP

Scott will be joining Troy Randall and Jim Jordan in facilitating the feasibility study process, just as he did on the Somerset-Berkley Regional High School. Scott is a founding partner at Ai3, and has worked collaboratively with Troy and Jim for over 25 years, guiding numerous Cities and Towns through the feasibility study process. Scott was the partner in charge of leading the design process for the new Quincy Central Middle School, collaborating with staff and administration throughout design development and construction documents to customize each aspect of the proposed learning environments.

Scott has over 25 years of experience working with middle schools within the New England region and across the country to develop cost-effective design solutions that involve the creation of 21st Century educational facilities. He was the Principal-In-Charge of many recent middle schools including those in Quincy, Hingham, Lynnfield, Natick, Woonsocket (RI), and Providence (RI). He has a clear understanding of the evolving trends in middle school education, as many school communities study the ideal learning environments for creating 5-8 grade structures which promote 5/6 and 7/8 academies. He will lead the collaborative effort to create an innovative middle school environment that meets Somerset's educational needs and fits within the available resources.



Relevant projects worked on with Ai3 Architects

New Somerset-Berkley Regional High School Somerset, MA	New Woonsocket Middle Schools Woonsocket, RI	New Lincoln Middle School, Lincoln High & Elementary Schools Lincoln, RI
New Central Middle School, New Reay E. Sterling Middle School Quincy, MA	New East Elementary School, Foster Elementary School, Plymouth River Elementary School, New Hingham Middle School Hingham, MA	Nathan Bishop Middle School Providence, RI
New Beverly Middle School Beverly, MA	Summer Street Elementary School, Huckleberry Hill Elementary School, New Lynnfield Middle School, Lynnfield High School Lynnfield, MA	New Marshfield High School Marshfield, MA
New Wilson Middle School, New Natick High School, New J.F. Kennedy Middle School Natick, MA	Lillian M. Jacobs Elementary School, Memorial Middle School, Hull High School Hull, MA	New Plymouth North High School, New Plymouth South High School Plymouth, MA
New Abington Co-Located Pre-K / Middle / High School Abington, MA		Cunniff Elementary School, Hosmer Elementary School, Lowell Elementary School Watertown, MA



# Section 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.**

7a. Name And Title Within Firm    7b. Project Assignment

**James S. Jordan,**  
**AIA, LEED AP BD+C**  
 Partner

**Project Manager Support for Study & Design**

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2000 / Registered Architect  
**Massachusetts Registration #10663**

7g. Current Work Assignments And Availability For This Project

**Current Work:** Jim recently wrapped up his responsibilities as the Principal-In-Charge of the Kennedy Middle School (Natick) Feasibility, Schematic Design, Construction Documentation, and Bidding.

**Availability:** Jim will be supporting Troy and Scott on the Somerset Middle School project. It is anticipated that 50% of his time will be required and available for the Somerset Middle School project.

7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**Ai3 Architects, LLC**

526 Boston Post Road  
 Wayland, MA 01778

(508) 358-0790

[jordan@ai3architects.com](mailto:jordan@ai3architects.com)

MBE   
 WBE   
 SDVOBE   
 VBE

7d. Years Experience With Firm

20

With Other Firms

14

7e. Education: Degree(s)/Year/Specialization

- Bachelors in Architecture/1996



7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

## About

**James S. Jordan, AIA, LEED AP BD+C**

Jim will be collaborating with Troy Randall and Scott Dunlap in leading both the feasibility team and the design team. The trio of Troy, Jim, and Scott, all of whom are founding partners of Ai3, have worked together for over 25 years in leading many middle school projects through feasibility, schematic design, and all subsequent phases of design and construction.

Jim introduced Building Information Modeling (BIM) to Ai3 Architects several years ago, and is the partner with the most experience with this particular approach to project design and delivery. He will be assisting the team with a focus on new construction (versus renovation) options and has extensive experience with recent middle schools, including the recently designed Kennedy Middle School in Natick. This successful project began with a comprehensive analysis of various options for renovation, renovation/addition, and all-new construction.

Jim will continue to collaborate with Troy and Scott throughout the design process to manage the in-house design teams. He will assist in managing multiple design teams collaborating on various project options and solutions.



**Relevant projects worked on with Ai3 Architects**

New Somerset-Berkley Regional High School Somerset, MA	New Franklin High School Franklin, MA	New Lincoln Middle School, Lincoln High & Elementary Schools Lincoln, RI
New Central Middle School, New Reay E. Sterling Middle School Quincy, MA	New East Elementary School, Foster Elementary School, Plymouth River Elementary School, New Hingham Middle School Hingham, MA	New Woonsocket Middle Schools Woonsocket, RI
New Beverly Middle School Beverly, MA	Summer Street Elementary School, Huckleberry Hill Elementary School, New Lynnfield Middle School, Lynnfield High School Lynnfield, MA	Nathan Bishop Middle School Providence, RI
New Wilson Middle School, New Natick High School, New J.F. Kennedy Middle School Natick, MA	Lillian M. Jacobs Elementary School, Memorial Middle School, Hull High School Hull, MA	New Marshfield High School Marshfield, MA
New Abington Co-Located Pre-K / Middle / High School Abington, MA		New Plymouth North High School, New Plymouth South High School Plymouth, MA
		New Norwood High School Norwood, MA





# Section 7

# Somerset Middle 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.**

7a. Name And Title Within Firm    7b. Project Assignment

**Julie Rahilly, AIA**  
Associate, Project Architect

**Project Manager for Study & Design: Project Architect**

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2017 / Registered Architect  
**Massachusetts Registration #951459**

7g. Current Work Assignments And Availability For This Project

**Current Work:** Julie is currently wrapping up several assignments associated with Ai3's preparation for the Somerset Middle School project. Her calendar has been cleared of all other assignments.

**Availability:** Julie has 100% of her time available for the Somerset Middle School project and will be one of our Project Architects dedicating all of her time to the project on a daily basis.

7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**Ai3 Architects, LLC**

526 Boston Post Road  
Wayland, MA 01778

(508) 358-0790

[rahilly@ai3architects.com](mailto:rahilly@ai3architects.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm

5

With Other Firms

2

7e. Education: Degree(s)/Year/Specialization

- Master of Architecture / 2014 / Wentworth I.T.
- Bachelor of Architecture / 2013 / Wentworth I.T.



7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)



**Relevant projects worked on with Ai3 Architects**

Cunniff Elementary School,  
Hosmer Elementary School,  
Lowell Elementary School,  
Watertown Feasibility Study  
Watertown, MA

Sacred Heart High School  
Kingston, MA

New Abington Co-Located  
Pre-K / Middle / High School  
Abington, MA

Jackson-Walnut Park School  
Elementary School (K-6)  
Newton, MA

Boston College High School  
Dorchester, MA

New B.M.C. Durfee High School  
Fall River, MA

New Blackstone Valley Prep Charter  
School - Elementary School 2 (K-4)  
Cumberland, RI

New Hingham Middle School  
Hingham, MA

Norwood Public Schools Feasibility  
Study and Long Range Plan  
Norwood, MA

New Plymouth South High School  
Plymouth, MA

New Reay E. Sterling Middle School  
Quincy, MA

Christa McAuliffe Regional Charter  
School (6-8)  
Framingham, MA

New Franklin High School  
Franklin, MA

New Marshfield High School  
Marshfield, MA

New J.F. Kennedy Middle School  
Natick, MA

New Beverly Middle School  
Beverly, MA

Foxborough Regional  
Charter School (K-4)  
Foxborough, MA

## About Julie Rahilly, AIA

Julie is a Project Architect with Ai3 and has been instrumental in the development of numerous PK-12 school facilities over the past few years. As part of her current assignment and preparation, she has become very familiar with the Somerset Middle School and its associated site. Although many firms utilize marketing staff to prepare proposals, Ai3 believes that the team members who will ultimately be working on a project should also be the authors of the proposal. Julie was personally responsible for the development and organization of much of the material contained herein. In addition to her comprehensive PK-12 experience with Ai3, Julie's resume also includes unique experiences and awards such as: working as a designer in Fairbanks, Alaska; playing collegiate volleyball; and being an AIA Henry Adams Certificate Awardee. Julie will be working collaboratively with a team of Ai3 project architects, under the leadership of the Ai3 Partners, to develop numerous concepts, options, and alternatives for the Somerset Middle School. She is an example of one of the many Project Architects who make Ai3's projects innovative, thoughtful, and effective. Julie's Ai3 experience includes being a key part of the design team that created numerous forward-thinking spaces within the new Beverly 5-8 Middle School, a project that is featured herein for its project-based, hands-on learning environment.





# Section 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.**

7a. Name And Title Within Firm    7b. Project Assignment

## Heather Martins

Associate, Interior Designer

**Laboratory Consultant (in-house)**

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

**Registration NOT REQUIRED for Laboratory Consultant**

7g. Current Work Assignments And Availability For This Project

**Current Work:** Heather is currently wrapping up several assignments associated with Ai3's preparation for the Somerset Middle School project. Her calendar has been cleared of all other assignments.

**Availability:** Heather has 100% of her time available for the Somerset Middle School project and will be dedicating all of her time daily to this project.

7c. Name And Address Of Office In Which Individual Identified In 7a Resides

### Ai3 Architects, LLC

526 Boston Post Road  
Wayland, MA 01778

(508) 358-0790

[martins@ai3architects.com](mailto:martins@ai3architects.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm

8

With Other Firms

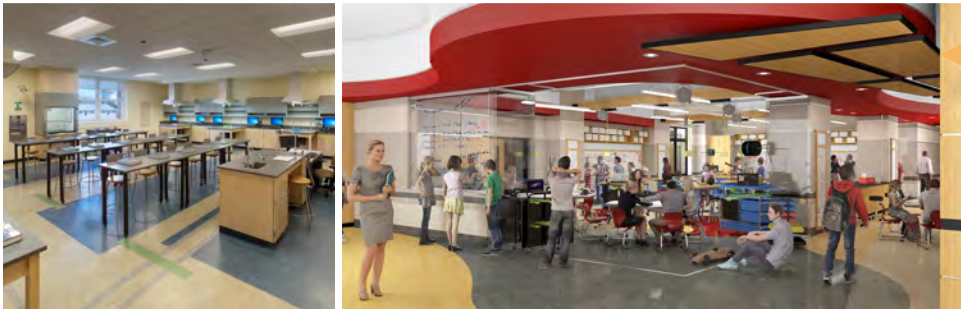
1

7e. Education: Degree(s)/Year/Specialization

- Bachelor of Science in Interior Design / 2011 / Wentworth Institute of Technology



7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)



### Relevant projects worked on with Ai3 Architects

New Somerset-Berkley Regional High School  
Somerset, MA

New J.F. Kennedy Middle School  
Natick, MA

New Hingham Middle School  
Hingham, MA

New B.M.C. Durfee High School  
Fall River, MA

New Marshfield High School  
Marshfield, MA

Christa McAuliffe Regional Charter School (6-8)  
Framingham, MA

Sacred Heart High School  
Kingston, MA

New Abington Co-Located Pre-K / Middle / High School  
Abington, MA

New Reay E. Sterling Middle School, New Central Middle School  
Quincy, MA

Cardinal Spellman High School  
Brockton, MA

New Franklin High School  
Franklin, MA

Valley Collaborative (formerly Merrimack Special Education Collaborative)  
Billerica, MA

New Beverly Middle School  
Beverly, MA

Tri-County Regional Vocational Technical High School Science Labs  
Franklin, MA

Boston College High School  
Dorchester, MA

Melrose High School Science Labs  
Melrose, MA

New Plymouth North High School, New Plymouth South High School  
Plymouth, MA

## About Heather Martins

Heather has spent the past eight years promoting innovative lab environments in Ai3's PK-12 educational facilities. Although originally focused on science experimentation labs, her last five years represent the rapidly advancing technologies available for virtual reality labs, aquaponics labs, greenhouse labs, robotics labs, alternative energy labs, flexible maker spaces, and an extensive array of hands-on learning laboratories and opportunities. Her most recent assignments include the new Kennedy Middle School in Natick, where she helped to develop the virtual reality lab and the huddle space classroom lab. As part of her current assignment and preparation, she has become very familiar with the Somerset Middle School and its associated site; brainstorming opportunities to create outdoor learning labs which can be easily implemented within the existing site context. Although many firms utilize marketing staff to prepare proposals, Ai3 believes that the team members who will ultimately be working on a project should also be the authors of the proposal and the preparers of early conceptual ideas. Heather was personally involved in the development and organization of much of the material contained herein. Heather will be working collaboratively with a team of Ai3 Project Architects, under the leadership of the Ai3 Partners, to develop numerous concepts, options, and alternatives for the Somerset Middle School. She is an example of one of the many progressive thinkers who make Ai3's projects innovative, thoughtful, and effective. Heather's Ai3 experience also includes being a key part of the design team that created numerous forward-thinking laboratories within the new Beverly 5-8 Middle School, a project that is featured herein for its project-based, hands-on learning environment.





# Section 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.**

7a. Name And Title Within Firm    7b. Project Assignment

**John C. Jordan**  
Principal, Director of  
Technology

**Data / Communications (in-house)**  
**Security Consultant (in-house)**

7f. Active Registration: Year  
First Registered/Discipline/Mass  
Registration Number

Network Security Certificate, MCTS Exchange 2007  
Configuration, Virtual Private Networking Certificate

7g. Current Work Assignments  
And Availability For This Project

**Current Work:** John is currently wrapping up assignments for Kennedy Middle School (Natick) and BMC Durfee High School (Fall River).

**Availability:** John will be available to dedicate 100% of his design time to the programming and planning of the technology for the Somerset Middle School.

7c. Name And Address Of  
Office In Which Individual  
Identified In 7a Resides

**Ai3 Architects, LLC**  
526 Boston Post Road  
Wayland, MA 01778  
(508) 358-0790  
[john@ai3architects.com](mailto:john@ai3architects.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm    19  
  
With Other Firms    15

7e. Education: Degree(s)/Year/Specialization

- Dutchess Community College
- Community College of the Air Force



7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

## About John C. Jordan

John has spent almost 20 years leading the technology design and implementation on all of Ai3's PK-12 school projects. As Ai3's Director of Technology, he has been instrumental in achieving the accolades Ai3 has received for the seamless, innovative, and forward-thinking technology systems within our schools. Very few firms have someone with John's experience dedicating 100% of their time to the advancement of integrated technology in the learning environment.

John is responsible for all facets of technology systems, including: educational technology, technology infrastructure, voice communication, sound and audio distribution, access controls, video surveillance, and security systems. John will be an invaluable resource as we begin the conceptual design for the Somerset Middle School, as he can educate the school administration, Town leadership, community members, and parents on the current and future trends of school technology. His years of experience also aid us in creating buildings that are flexible and can remain current for many years, despite the rapidly evolving technologies. Having implemented some of the most successful and innovative school technology systems throughout the Commonwealth, John has an excellent network of completed projects that are now managed by school personnel; allowing our new clients to tour and review the successful implementation of current systems as part of the planning process.



### Relevant projects worked on with Ai3 Architects

New Somerset-Berkley Regional High School Somerset, MA	New Franklin High School Franklin, MA	New Lincoln Middle School, Lincoln High & Elementary Schools Lincoln, RI
New Central Middle School, New Reay E. Sterling Middle School Quincy, MA	New East Elementary School, Foster Elementary School, Plymouth River Elementary School, New Hingham Middle School Hingham, MA	New Woonsocket Middle Schools Woonsocket, RI
New Beverly Middle School Beverly, MA	Summer Street Elementary School, Huckleberry Hill Elementary School, New Lynnfield Middle School, Lynnfield High School Lynnfield, MA	Nathan Bishop Middle School Providence, RI
New Wilson Middle School, New Natick High School, New J.F. Kennedy Middle School Natick, MA	Lillian M. Jacobs Elementary School, Memorial Middle School, Hull High School Hull, MA	New Marshfield High School Marshfield, MA
New Abington Co-Located Pre-K / Middle / High School Abington, MA		New Plymouth North High School, New Plymouth South High School Plymouth, MA
		Whitman-Hanson Reg. High School Whitman, MA



# Section 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.

7a. Name And Title Within Firm    7b. Project Assignment

**Katharine Ives,**  
**RA, AIA, LEED AP**  
**BD+C**  
*BIM Specialist*

**Technology Consultant / Audio Visual Consultant (in-house)**

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

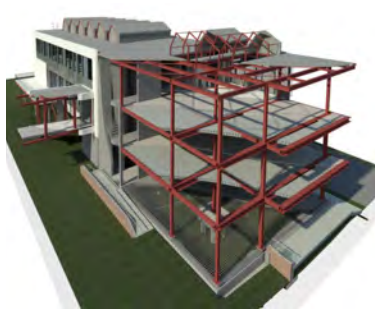
**Registration NOT REQUIRED for Technology Consultant / Audio Visual Consultant**

Currently a Registered Architect in the State of New York.

7g. Current Work Assignments And Availability For This Project

**Current Work:** Kate is currently working on the implementation and use of technology systems for the Watertown Elementary Schools, the B.M.C. Durfee High School, and the East Providence High School.

**Availability:** As a registered architect who has the ability to provide technology and support to multiple Ai3 projects simultaneously, we anticipate that approximately 25% of Kate's time would be dedicated to the Somerset Middle School during Feasibility and Schematic Design.



Relevant projects worked on with Ai3 Architects

New B.M.C. Durfee High School  
*Fall River, MA*

New Abington Co-Located  
 Pre-K / Middle / High School  
*Abington, MA*

New East Providence High School  
*East Providence, RI*

New Beverly Middle School  
*Beverly, MA*

New Reay E. Sterling Middle School  
*Quincy, MA*

Cunniff Elementary School,  
 Hosmer Elementary School,  
 Lowell Elementary School  
*Watertown, MA*

New J.F. Kennedy Middle School  
*Natick, MA*

New Plymouth South High School  
*Plymouth, MA*

7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**Ai3 Architects, LLC**  
 526 Boston Post Road  
 Wayland, MA 01778  
 (508) 358-0790  
[ives@ai3architects.com](mailto:ives@ai3architects.com)

MBE   
 WBE   
 SDVOBE   
 VBE

7d. Years Experience With Firm

1

With Other Firms

19

7e. Education: Degree(s)/Year/Specialization

- Master of Architecture/2005/University of PA
- Bachelor of Architecture/2002/Lehigh University

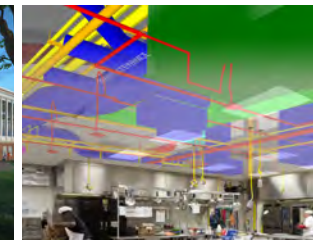


7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

## About

**Katharine Ives, RA, AIA, LEED AP BD+C**

Kate is a registered architect with almost twenty years of programming, design, and construction experience. Her past several years have been focused on the design and implementation of technology systems and software, including Building Information Management (BIM). Her efforts include supporting Ai3's incorporation of the most appropriate technology into our school environments, but also implementing technologies which enable us to incorporate clients into the design process utilizing BIM and other software overlay tools in order to create virtual reality experiences within the proposed design. Kate can allow the Owner to move throughout the proposed building design model, choosing their own path of investigation. Ai3 has long utilized fly-through and walk-through simulations to allow clients to better evaluate proposed design solutions, but virtual reality opportunities where a client can freely walk themselves throughout the building have proven an even more effective design tool. Kate also specializes in helping the Ai3 design teams to build information models which can be utilized by the Owner post-occupancy. Her efforts around technology systems include integrating building systems which support LEED credits through occupant education and building management.





# Section 7

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7a. Name And Title Within Firm      7b. Project Assignment      **Structural Engineering**

7a. Name And Title Within Firm      7b. Project Assignment      **Landscape Architecture**

**Mehul Dhruv, P.E.**  
Principal



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>Engineers Design Group, Inc.</b> 350 Main Street Malden, MA 02148 <a href="http://edginc.com">edginc.com</a>
MBE	<input checked="" type="checkbox"/>	
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm	23	
With Other Firms	10	
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>I.I.T. Bombay, India: B. Tech Civil Engineering/1985</li> <li>Vanderbilt University: M.S. Civil Engineering/1986</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

1993 / P.E. Structural Engineering  
**Massachusetts P.E. #37453**

7g. Current Work Assignments And Availability For This Project

Manchester Memorial ES; Clyde Brown ES; Boston Arts Academy; Pine Grove ES; Billerica HS; Belmont HS; Smith ES; Shaw ES; B.M.C. Durfee HS (Ai3); Balmer ES; Kennedy MS (Ai3); Stoughton HS; Wahconah HS; Middleborough HS; Pentucket MS/HS; McCall MS; Mulcahey ES; Cape Cod Regional Technical HS

This current workload leaves Mr. Dhruv available for this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

During his tenure at EDG, Mr. Dhruv has been responsible for the design and construction of over 300 educational facilities that involved both new construction and extensive renovations and additions and renovations. Mr. Dhruv is the project manager responsible for client interface and project coordination and has diversified experience in the design of major steel, concrete, masonry, and timber structures.

**Relevant projects worked on with Ai3 Architects:** Kennedy Middle School (Natick), B.M.C. Durfee High School (Fall River), East Elementary School (Hingham), Sterling Middle School (Quincy), Beverly Middle School, Plymouth North High School, Plymouth South High School, Abington Co-located Pre-K/Middle/High School, East Bridgewater Jr./Sr. High School, Natick High School, Marshfield High School, Franklin High School, Somerset-Berkley Regional High School, Norwood High School, Hingham Middle School, Hull High School, Lynnfield High School, Lynnfield Middle School, Memorial Middle School (Hull), Summer Street Elementary School (Lynnfield), Huckleberry Hill Elementary School (Lynnfield), Central Middle School (Quincy)

**Other relevant projects:** Galvin MS (Wakefield); Central MS (Stoneham); Thurgood Marshall MS (Lynn); Dedham MS; Littleton MS; Scituate MS; McCall MS (Winchester); Silver Lake Regional MS (Kingston); Rogers MS / Rockland HS (Rockland); Lunenburg MS/HS; Granby MS/HS; Pentucket MS/HS; Boston Arts Academy; Taconic HS (Pittsfield); Stoughton HS; Georgetown MS/HS; North Reading MS/HS; Billerica HS; Wilmington HS; Greenfield HS; Tewksbury HS; New KIPP Academy Lynn Charter HS (Lynn); West Springfield HS; Methuen HS; Uxbridge HS; Milton HS; Amesbury HS

**Kris M. Bradner, RLA**  
Principal



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>Traverse Landscape Architects, LLC</b> 150 Chestnut Street 4th Floor Providence, RI 02903 <a href="http://traversela.com">traversela.com</a>
MBE	<input type="checkbox"/>	
WBE	<input checked="" type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm	7	
With Other Firms	23	
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>Bachelor of Landscape Architecture/1994</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2011 / Registered Landscape Architect  
**Massachusetts Registration #1618**

7g. Current Work Assignments And Availability For This Project

Currently manages public school projects in design and construction as well as institutional and higher education in design and construction.

There is capacity and experience to manage a project of this scale and complexity.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)


Ms. Bradner's role includes design through construction for various public and private clients ranging from schools, libraries, healthcare, and parks and recreation. Her and her firm's specific experience with public and private K-12 and higher education work is relevant to this RFP. Ms. Bradner is available to work on this project as needed to fulfill any reasonable deadlines.

Kris Bradner was Landscape Architect or Principal-In-Charge for design through construction on various public and private schools in MA and RI, public libraries, police stations, senior centers, higher education facilities, other public and private institutions, as well as several MSBA-funded projects all over Massachusetts including: Kennedy Middle School (Natick), Abington Co-located Pre-K/Middle/High School, Somerset-Berkley Regional High School, Hingham Middle School, Mount Greylock Middle/High School, Braintree South and Braintree East Middle Schools. In addition, she has worked on Barrington Middle School, Moses Brown School, St. Andrews School, and Nathan Bishop Middle School, all in Rhode Island.

Traverse has worked with the Ai3 design team on numerous projects in the Commonwealth and is fully aware of and is able to provide design services meeting client expectations. **Relevant projects worked on with Ai3 Architects:** Norwood High School, Natick High School, Plymouth North High School, Plymouth South High School, Abington Co-located Pre-K/Middle/High School, East Bridgewater Jr./Sr. High School, Somerset-Berkley Regional High School, Marshfield High School, Franklin High School, Central Middle School (Quincy), Hingham Middle School, Boston College High School, Beverly Middle School, Sterling Middle School (Quincy), Kennedy Middle School (Natick)

# Section 7

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7a. Name And Title Within Firm	7b. Project Assignment	HVAC , Plumbing, & Fire Protection Engineering
 <p><b>Wayne E. Mattson, P.E.</b> Principal</p>	7c. Name And Address Of Office In Which Individual Identified In 7a Resides	<b>Griffith &amp; Vary, Inc.</b> 12 Kendrick Road Unit 1 Wareham, MA 02571 <a href="http://griffithandvary.com">griffithandvary.com</a>
	MBE <input type="checkbox"/>	
	WBE <input type="checkbox"/>	
	SDVOBE <input type="checkbox"/>	
	VBE <input type="checkbox"/>	
7d. Years Experience With Firm	16	
With Other Firms	14	
7e. Education: Degree(s)/Year/Specialization	• Mass Maritime Academy (Buzzards Bay, MA): B.S. Marine Engineering/1987/Mechanical	

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2000 / P.E. Mechanical Engineering  
**Massachusetts Registration #41546**

7g. Current Work Assignments And Availability For This Project

Sterling Middle School (Quincy, MA) - CA; B.M.C. Durfee High School (Fall River, MA) - Design; Kennedy Middle School (Natick, MA) - CA; East Providence High School (East Providence, RI) - Design; Clyde Brown Elementary School (Millis, MA) - CA


Mr. Mattson is immediately available to work on project assignments.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Mr. Mattson is the Mechanical Department Manager with over 25 years of experience in the heating, ventilating, and air conditioning industry. His design experience ranges from complex, phased renovation projects to new facilities as well as high pressure steam and chilled water plant design.

**Relevant projects worked on with Ai3 Architects:** Hingham Middle School, Beverly Middle School, Sterling Middle School (Quincy), Abington Co-Located Pre-K/Middle/High School, Wilson Middle School (Natick), Nathan Bishop PK-8 School (Providence, RI), East Elementary School (Hingham), Plymouth South High School, Plymouth North High School, Franklin High School, Lynnfield Middle School, Huckleberry Hill Elementary School (Lynnfield), Summer Street Elementary School (Lynnfield), Lynnfield High School, Jacobs Elementary School (Hull), Memorial Middle School (Hull), Hull High School, Whitman-Hanson Regional High School, Fayerweather Street School (Cambridge), Woonsocket Middle Schools (Woonsocket, RI), East Bridgewater Jr./Sr. High School, Foster Elementary School (Hingham), Plymouth River Elementary School (Hingham), Norwood High School, Westerly High School (Westerly, RI), Cardinal Spellman High School (Brockton), Natick High School, Central Middle School (Quincy), Marshfield High School, Somerset-Berkley Regional High School, Boston College High School, Valley Collaborative (Billerica), Blackstone Valley Prep Charter Elementary School 2 (Cumberland, RI), Christa McAuliffe Regional Charter School (Framingham)

**Other relevant projects:** John Hannigan Elementary School (New Bedford), Dallin Elementary School (Arlington), Burgess Elementary School (Sturbridge)

7a. Name And Title Within Firm	7b. Project Assignment	Electrical / Lighting
 <p><b>Robert C. Bravo, P.E.</b> Principal</p>	7c. Name And Address Of Office In Which Individual Identified In 7a Resides	<b>Griffith &amp; Vary, Inc.</b> 12 Kendrick Road Unit 1 Wareham, MA 02571 <a href="http://griffithandvary.com">griffithandvary.com</a>
	MBE <input type="checkbox"/>	
	WBE <input type="checkbox"/>	
	SDVOBE <input type="checkbox"/>	
	VBE <input type="checkbox"/>	
7d. Years Experience With Firm	7	
With Other Firms	23	
7e. Education: Degree(s)/Year/Specialization	• UMass Dartmouth: 1994 Bachelor of Science / Electrical Engineering Technology	

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2006 / P.E. Electrical Engineering  
**Massachusetts Registration #46657**

7g. Current Work Assignments And Availability For This Project

Sterling Middle School (Quincy, MA) - CA; B.M.C. Durfee High School (Fall River, MA) - Design; Kennedy Middle School (Natick, MA) - CA; East Providence High School (East Providence, RI) - Design; Clyde Brown Elementary School (Millis, MA) - CA

Mr. Bravo is immediately available to work on project assignments.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Mr. Bravo is the Electrical Department Manager with a practical working knowledge of electrical systems resulting from over 25 years of design experience. He has designed services (electric, telephone, cable TV, and fire alarm), power distribution, generators, UPS, interior and exterior lighting including controls, fire alarm, receptacles and telephone/data/video infrastructure.

**Relevant projects worked on with Ai3 Architects:** Hingham Middle School, Beverly Middle School, Sterling Middle School (Quincy), Abington Co-Located Pre-K/Middle/High School, Wilson Middle School (Natick), Nathan Bishop PK-8 School (Providence, RI), East Elementary School (Hingham), Plymouth South High School, Plymouth North High School, Franklin High School, Lynnfield Middle School, Huckleberry Hill Elementary School (Lynnfield), Summer Street Elementary School (Lynnfield), Lynnfield High School, Jacobs Elementary School (Hull), Memorial Middle School (Hull), Hull High School, Whitman-Hanson Regional High School, Fayerweather Street School (Cambridge), Woonsocket Middle Schools (Woonsocket, RI), East Bridgewater Jr./Sr. High School, Foster Elementary School (Hingham), Plymouth River Elementary School (Hingham), Norwood High School, Westerly High School (Westerly, RI), Cardinal Spellman High School (Brockton), Natick High School, Central Middle School (Quincy), Marshfield High School, Somerset-Berkley Regional High School, Boston College High School, Valley Collaborative (Billerica), Blackstone Valley Prep Charter Elementary School 2 (Cumberland, RI), Christa McAuliffe Regional Charter School (Framingham), Foxborough Regional Charter Elementary School, Jackson-Walnut Park Schools Elementary School, BMC Durfee High School (Fall River), Kennedy Middle School (Natick), Plymouth Council on Aging



# Section 7

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7a. Name And Title Within Firm      7b. Project Assignment      **Code Consultant**      7a. Name And Title Within Firm      7b. Project Assignment      **Specifications Consultant**

**Rockwood J. Edwards, P.E.**  
Vice President



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>Cosentini Associates, Inc.</b> 101 Federal Street Suite 600 Boston, MA 02110 <a href="http://cosentini.com">cosentini.com</a>
MBE	<input type="checkbox"/>	
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm	9	
With Other Firms	22	
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>M.S. / 1994 / Fire Protection Engineering</li> <li>B.S. / 1990 / Mechanical Engineering</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

1996 / P.E. Fire Protection Engineering  
**Massachusetts Registration #39633**

7g. Current Work Assignments And Availability For This Project

As a code consultant, Mr. Edwards works on multiple projects simultaneously and has the flexibility required in his schedule to meet the demands of this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

**Relevant projects worked on with Ai3 Architects:** B.M.C. Durfee High School (Fall River), Beverly Middle School, Central Middle School (Quincy), Sterling Middle School (Quincy), Kennedy Middle School (Natick), Natick High School, Hingham Middle School, Somerset-Berkley Regional High School, Abington Co-Located Pre-K/Middle/High School, Marshfield High School, Plymouth South High School, Cardinal Spellman High School (Brockton), Boston College High School, Franklin High School, East Bridgewater Jr./Sr. High School, Melrose High School, Tri-County Regional Vocational Technical High School (Franklin), Norwood High School, Valley Collaborative (BillERICA), Blackstone Valley Prep Charter Elementary School 2 (Cumberland, RI), East Providence High School (East Providence, RI), Cuniff Elementary School (Watertown), Hosmer Elementary School (Watertown), Lowell Elementary School (Watertown)

**Relevant projects worked on with Ai3 Architects (while employed at Schirmer Engineering Corporation):** Whitman-Hanson Regional High School, Lincoln Middle School (Lincoln, RI), Lincoln High School and Lincoln Elementary Schools Renovations (Lincoln, RI), Nathan Bishop PK-8 School (Providence, RI), Woonsocket Middle Schools (Woonsocket, RI), Plymouth North High School, East Elementary School (Hingham), Plymouth Council on Aging

**Other relevant projects:** Walnut Hill School (Natick), Dana Hall School (Wellesley), Worcester Academy

**Robert R. (Robb) Wilkinson, RA**  
Manager/Principal



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>Wil-Spec, LLC</b> 375 Main Street Boxford, MA 01921 <a href="http://wil-spec.com">wil-spec.com</a>
MBE	<input type="checkbox"/>	
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm	28	
With Other Firms	12	
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>Boston Architectural College: Bachelor of Architecture/ 1985</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

**Registration NOT REQUIRED for Specification Writer**

7g. Current Work Assignments And Availability For This Project

Polar Park (Worcester, MA), Government Center Garage Development Residential and Office Towers (Boston, MA), One Congress Street Tower (Boston, MA), Fuller Middle School (Framingham, MA), Major Howard W Beal School (Shrewsbury, MA)

Our firm has staff and resources available to undertake this project at any time.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Robert (Robb) Wilkinson, the firm's founder, has been involved in the construction industry for over 40 years. Mr. Wilkinson's project experience includes libraries, schools, museums, aquariums, and hospitals. He has presented a number of technical seminars, and for 10 years taught certification classes to future specification writers and architects. Mr. Wilkinson is a past President of the Construction Specification Institute's Boston Chapter, and past Northeast Region Director for Construction Specification Institute.

Additional certifications include:

- Certified Construction Specifier (CCS) since 1989 by Construction Specifications Inst. (CSI).
- Member of Specifications Consultants in Independent Practice (SCIP) since 1997.
- LEED Accredited Professional (LEED AP) by USGBC since 2009.
- Registered Architect in the State of Connecticut (#4138) since 1987.

**Relevant projects worked on with Ai3 Architects:** Somerset-Berkley Regional High School, Hingham Middle School, Beverly Middle School, Sterling Middle School (Quincy), Abington Co-Located Pre-K/Middle/High School, Wilson Middle School (Natick), Nathan Bishop Middle School (Providence, RI), Plymouth South High School, Plymouth North High School, Franklin High School, Lynnfield Middle School, Lynnfield High School, Jacobs Elementary School (Hull), Memorial Middle School (Hull), Hull High School, Whitman-Hanson Regional High School, Woonsocket Middle Schools (Woonsocket, RI), East Bridgewater Jr./Sr. High School, Norwood High School, Westerly High School (Westerly, RI), Natick High School, Central Middle School (Quincy), Marshfield High School

# Section 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.

7a. Name And Title Within Firm

7b. Project Assignment

**Cost Estimating**

7a. Name And Title Within Firm

7b. Project Assignment

**Civil Engineering;  
Environmental Permitting**

**Peter Bradley,**  
**LEED AP**  
Principal



7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**PM&C**  
20 Downer Avenue  
Suite 5  
Hingham, MA 02043  
[pmc-ma.com](http://pmc-ma.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm 12  
With Other Firms 20

7e. Education: Degree(s)/Year/Specialization  
• Bachelor of Science / 1988 / Quantity Surveying (Cost Control, Project Finance)

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

**Registration NOT REQUIRED for Cost Estimator**

7g. Current Work Assignments And Availability For This Project

Peter is currently working on the Center Elementary School in Easton and the Gloucester Public Library.  
He is available to provide estimating and review services for this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

**Relevant projects worked on with Ai3 Architects:** Somerset-Berkley Regional High School, Hingham Middle School, Beverly Middle School, Central Middle School (Quincy), Sterling Middle School (Quincy), Abington Co-Located Pre-K/Middle/High School, Boston College High School, Norwood High School, Valley Collaborative (Billerica), Franklin High School, East Bridgewater Jr./Sr. High School, Marshfield High School, Plymouth South High School, Natick High School, Kennedy Middle School (Natick), B.M.C. Durfee High School (Fall River), Foxborough Regional Charter Elementary School, Reading Early Childhood Learning Center, Christa McAuliffe Regional Charter School (Framingham), Tri-County Regional Vocational Technical High School (Franklin), Plymouth North High School, Whitman-Hanson Regional High School, Memorial Middle School (Hull), Lynnfield High School, Lynnfield Middle School, Summer Street Elementary School (Lynnfield), Huckleberry Hill Elementary School (Lynnfield), Wilson Middle School (Natick), Hull High School

**Other relevant projects:** Galvin Middle School, Lincoln K-8 School, Dearborn STEM School, Williston Northampton High School, Boston Prep Charter School, Brooke Charter School (Boston), Medfield Middle School Addition & Renovation, William H. Taft Middle School (Brighton), Diamond Middle School Renovations (Lexington), MATCH Charter School Renovations (Boston), Veteran's Elementary School (Provincetown), Wayland High School Addition & Renovation, Bates Elementary School Addition & Renovation (Wellesley), Maynard High School, Ipswich Elementary School

Additional certifications include:

- Member of the AACE (Association for the Advancement of Cost Engineering)

**Andrew Chagnon,**  
**P.E.**  
Vice President



7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**The Vertex Companies, Inc.**  
400 Libbey Industrial Parkway  
Weymouth, MA 02189  
[vertexeng.com](http://vertexeng.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm 1  
With Other Firms 20

7e. Education: Degree(s)/Year/Specialization  
• UMass Dartmouth: B.S. Civil Engineering/1993

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2004 / P.E. Civil Engineering  
**Massachusetts Registration #46113**

7g. Current Work Assignments And Availability For This Project

Mr. Chagnon is the Vice President for Vertex's involvement in the Watertown Elementary Schools in Watertown, MA, Kennedy Middle School in Natick, MA, Durfee High School in Fall River, and several projects for DCAMM.  
He will be available to commit approximately 10% of his time to this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Mr. Chagnon has extensive experience on K-12 schools and associated athletic facilities throughout the Commonwealth. Mr. Chagnon manages a variety of engineering assignments related to the planning, design, and construction of site development projects, highway and roadway projects, drainage improvements, and water and sewer line installations. He is particularly skilled at getting consensus on projects involving complex organizations and regulators. He has provided planning through construction administration for a variety of educational, transportation, infrastructure, residential, commercial, and industrial projects. His relevant experience includes, but is certainly not limited to:

**Kennedy Middle School (Natick, MA)** - Civil Engineering Design and Permitting

**Abington Co-Located Pre-K/Middle/High School** - Civil Engineering Design and Permitting

**Somerset-Berkley Regional High School** - Civil Engineering Design and Permitting

**Beverly Middle School** - Civil Engineering Design and Permitting

**Sterling Middle School (Quincy, MA)** - Civil Engineering Design and Permitting

Additional qualifications include:

- Massachusetts D.E.P. Qualified Soil Evaluator
- Continuing Education, The CFA/CADD Training Center, AutoCAD Rel., 1994



# Section 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.**

7a. Name And Title Within Firm

7b. Project Assignment

**Kitchen / Food Service Consultant**

7a. Name And Title Within Firm

7b. Project Assignment

**Library / Media; FF&E Consultant**

**John Sousa**  
President



7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**Crabtree McGrath Associates, Inc.**  
161 West Main Street  
Georgetown, MA 01833  
[crabtree-mcgrath.com](http://crabtree-mcgrath.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm

16

With Other Firms

10

7e. Education: Degree(s)/Year/Specialization

- New England Institute of Technology: Bachelor of Science / 1998 / Architectural Engineering

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

**Registration NOT REQUIRED for Food Service Consultant**

7g. Current Work Assignments And Availability For This Project

East Providence High School (Ai3) - Construction Documents phase  
B.M.C. Durfee High School (Ai3) - Construction Documents phase

John is available and able to devote 25% of his time to this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Mr. Sousa has been involved in the design and construction of many food service facilities. These projects have involved hospitality, healthcare, dining halls, and many public schools.

**Relevant projects worked on with Ai3 Architects:** East Elementary School (Hingham), Marshfield High School, Norwood High School, Woonsocket Middle Schools, Hingham Middle School, Plymouth North High School, Beverly Middle School, Kennedy Middle School (Natick), Jacobs Elementary School (Hull), Somerset-Berkley Regional High School, East Bridgewater Jr./Sr. High School, Central Middle School (Quincy), Wilson Middle School (Natick), Plymouth South High School, Abington Co-Located Pre-K/Middle/High School, Franklin High School, Foxborough Regional Charter Elementary School, Sterling Middle School (Quincy), Blackstone Valley Prep Charter Elementary School 2 (Cumberland, RI), Natick High School, Cardinal Spellman High School (Brockton), Nathan Bishop Middle School (Providence, RI), Lincoln Middle School (Lincoln, RI), Whitman-Hanson Regional High School, Summer Street and Huckleberry Hill Elementary Schools (Lynnfield)

**Other relevant projects:** Middleton Elementary School, Avery Elementary School, Dedham Elementary School, Clyde Brooke Elementary School, Estabrook Elementary School, Danvers Middle School, Webster Middle School, Duxbury Middle School, Hannigan Middle School, Vinson Owen Elementary School, Douglas Elementary School, Bennett Middle School, Rogers Middle School, Tisbury Elementary School, High Rock Elementary School, Goodyear Elementary School, Melrose Middle School, Parker Middle School, Newton North High School, Taunton Middle School, Taunton High School, Holyoke Middle School, Pentucket Regional High School, Pine Grove Elementary School

**Peter S. Constable**  
Principal



7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**Point Line Space, Inc.**  
75 Lowell Street  
Carlisle, MA 01741  
[point-line-space.com](http://point-line-space.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm

13

With Other Firms

33

7e. Education: Degree(s)/Year/Specialization

- Bachelor of Industrial Design / 1973 / Pratt Institute

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

**Registration NOT REQUIRED for FF&E Consultant**

7g. Current Work Assignments And Availability For This Project

Kennedy Middle School - Natick, MA (Ai3 Architects)  
B.M.C. Durfee High School - Fall River, MA (Ai3 Architects)  
East Providence High School - East Providence, RI (Ai3 Architects)  
Saugus Middle/High School - Saugus, MA; Boston Arts Academy - Boston, MA; Bristol County Agricultural High School - Dighton, MA

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Point Line Space (PLS) is an interior design firm specializing in services for educational institutions. PLS provides educational space planning, casework design and documentation, furniture, equipment and technology selection, documentation and procurement services. PLS has a thorough knowledge of the procurement process and an excellent working relationship with vendors providing products to the K-12 school market. In the selection of products for procurement, emphasis is placed on function, design, color, materials and finishes. Consideration is also given to manufacturers that are able to produce durable products that utilize recycled materials or recycled processes, lessening the impact on the environment.

Peter Constable, Principal of PLS, has over 30 years of experience as Designer, Project Manager, and Principal within architectural firms. With this experience, PLS provides furniture, equipment and technology solutions that are well coordinated within the architectural design and all building systems.

**Relevant projects worked on with Ai3 Architects:** Kennedy Middle School (Natick), B.M.C. Durfee High School (Fall River), East Providence High School (East Providence, RI)

**Other relevant projects:** Nock Molin MS (Newburyport), Martin Luther King Jr. School (Cambridge), Clark MS (Lexington), Diamond MS (Lexington), Essex North Shore Agricultural Technical School, Cambridge Rindge and Latin School, Hanover HS, John D. Runkle School (Brookline), Boston Renaissance Charter School (Hyde Park), Baker ES (Brockton), George ES (Brockton)

# Section 7

# Somerset Middle School

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7a. Name And Title Within Firm

7b. Project Assignment

## Accessibility Consultant

7a. Name And Title Within Firm

7b. Project Assignment

## Traffic Consultant

**Josh Safdie, RA,  
AIA, NCARB**  
Principal



7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**KMA**  
1 Bridge Street  
Suite A102  
Newton, MA 02458  
[kmaccess.com](http://kmaccess.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm 4  
With Other Firms 15

7e. Education: Degree(s)/Year/Specialization

- RI School of Design: Masters in Architecture/2001
- Brown University: B.A. Architectural Studies/1995

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2016 / Registered Architect  
**Massachusetts Registration #51093**

7g. Current Work Assignments And Availability For This Project

Mr. Safdie is available to work on this project.

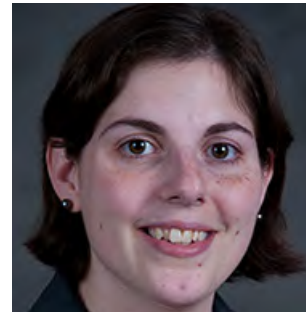
7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

KMA is a leading national expert in accessibility planning, ADA/504/FHA compliance planning, best practices, and universal design. They partner with their clients to develop compliance plans and design solutions.

As a firm Principal, Mr. Safdie manages accessibility-related and Universal Design-related projects in Title II and Title III entities, higher education, multi-family housing, health care, and historic preservation. He is a nationally-recognized expert in accessibility and Universal Design. Prior to joining KMA, Mr. Safdie was the director of the studio at the Institute for Human Centered Design, where he directed projects throughout the United States, as well as in Southeastern Europe and Russia. In 2012, Mr. Safdie received awards from the Boston Society of Architects, Massachusetts Architectural Access Board, and Boston Preservation Alliance for projects merging preservation and accessibility. Mr. Safdie is currently a Visiting Associate Professor at the Massachusetts College of Art and Design, where his teaching was recognized with the award of a 2013 Berkeley Prize Teaching Fellowship in Universal Design.

**Relevant projects worked on with Ai3 Architects:** Somerset-Berkley Regional High School, Plymouth South High School, Christa-McAuliffe Regional Charter School (Framingham), Abington Co-Located Pre-K/Middle/High School, Cardinal Spellman High School (Brockton), Beverly Middle School, Sterling Middle School (Quincy), Kennedy Middle School (Natick), B.M.C. Durfee High School (Fall River)

**Amy J. Archer, P.E.**  
Project Engineer



7c. Name And Address Of Office In Which Individual Identified In 7a Resides

**PARE Corporation**  
8 Blackstone Valley Place  
Lincoln, RI 02865  
[parecorp.com](http://parecorp.com)

MBE   
WBE   
SDVOBE   
VBE

7d. Years Experience With Firm 4  
With Other Firms 10

7e. Education: Degree(s)/Year/Specialization

- B.S. Civil Engineering/2005

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

2013 / P.E. Civil Engineering  
**Massachusetts Registration #50439**

7g. Current Work Assignments And Availability For This Project

Ms. Archer is currently involved in traffic studies for several municipal building and planning in Massachusetts, two school projects, a bike path design in Waltham, MA, and various traffic studies for RIDOT.

Ms. Archer will be able to dedicate approximately 15% of her time to this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Ms. Archer has 14 years of experience in transportation engineering. She has provided analysis and design for a wide variety of roadway projects as well as urban complete streets and multi-modal transit corridors.


**Relevant projects worked on with Ai3 Architects:** Beverly Middle School Traffic Impact Analysis, Plymouth South High School Traffic Impact Analysis, Abington Co-Located Pre-K/Middle/High School Traffic Studies and Signal Design, Blackstone Valley Prep Charter Elementary School Traffic Analysis (Cumberland, RI), Sterling Middle School Traffic Impact Analysis (Quincy), Kennedy Middle School (Natick), B.M.C. Durfee High School (Fall River), Foxborough Regional Charter School MassDOT Permit, Jackson-Walnut Park Schools Elementary School (Newton), Franklin High School, Somerset-Berkley Regional High School, Valley Collaborative (Billerica), Marshfield High School, Hingham Middle School, East Bridgewater Jr./Sr. High School, Christa McAuliffe Regional Charter School (Framingham)

**Other relevant projects:** Westport Middle School Traffic Study, Westwood Public Safety Traffic Study, Hingham Fire Station Feasibility Traffic Study, RIDOT Safe Routes to Schools Project (Performed with McMahon Associates for Barrington, Cranston, East Providence, and Narragansett, RI), Salisbury Police Station Traffic/MassDOT Permitting, Belmont Community Path Feasibility Study, UMass Boston Transportation Study, Amesbury Elementary School Feasibility Study, Brightwood Elementary School Feasibility Study (Springfield), Harrington Elementary School Site Traffic/Circulation Analysis (Lexington), Hastings Elementary School Traffic Impact Analysis (Lexington)



# Section 7

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7a. Name And Title Within Firm	7b. Project Assignment	Site Surveying
<b>Pamela M. Welch, PLS</b> President 	7c. Name And Address Of Office In Which Individual Identified In 7a Resides <b>Welch Associates Land Surveyors, Inc.</b> 218 North Main Street West Bridgewater, MA 02379 <a href="http://welchinc.com">welchinc.com</a>	
	MBE <input type="checkbox"/> WBE <input checked="" type="checkbox"/> SDVOBE <input type="checkbox"/> VBE <input type="checkbox"/>	
	7d. Years Experience With Firm 25 With Other Firms 9	
	7e. Education: Degree(s)/Year/Specialization • Northeastern University: Survey & Engineering/1992	
	7f. Active Registration: Year First Registered/Discipline/Mass Registration Number 1991 / Professional Land Surveyor <b>Massachusetts Registration #36129</b>	


7g. Current Work Assignments And Availability For This Project  
 Ms. Welch is currently working on multiple projects. Her availability for this project is 25%.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

**Relevant projects worked on with Ai3 Architects:**

- B.M.C. Durfee High School - base mapping; final review of plans, general oversight of project
- Kennedy Middle School - base mapping; final review of plans, general oversight of project
- Sterling Middle School - boundary/utility/topographic base mapping; final review of plans, general oversight of project
- Beverly Middle School - boundary/utility/topographic base mapping; final review of plans, general oversight of project
- Watertown Elementary Schools - base mapping for Schematic Design; final review of plans, general oversight of project

**Other relevant projects:** Xaverian Brothers High School (Westwood); Middlesex School (Concord); Harvard University (Cambridge); Cotting School (Lexington); Bridgewater State University - New Dormitory & New Parking Garage Projects; URI College of Engineering (Kingston, RI); Amesbury, Newburyport, Salisbury, Whittier Bridge/I-95 Add-a-Lane Accelerated Bridge Project - Base Mapping, Row Survey, Alteration Plans; Franklin Landings ALTA/ACSM Land Title Survey (Franklin); Martha's Vineyard Airport - Ground Control, Runway Profiles, FAA Submittals; Craig Lee Hall & William C. Gaige Hall - Rhode Island College; Rhode Island College - Renovations/Addition to the Arts Center (Providence, RI)

7a. Name And Title Within Firm	7b. Project Assignment	Sustainable/Green Design/ Renewable Energy Consultant
<b>M. Magda Lelek, P.E.</b> Principal 	7c. Name And Address Of Office In Which Individual Identified In 7a Resides <b>Andelman and Lelek Engineering, Inc.</b> 1408 Providence Highway Norwood, MA 02062 <a href="http://andelmanlelek.com">andelmanlelek.com</a>	
	MBE <input type="checkbox"/> WBE <input checked="" type="checkbox"/> SDVOBE <input type="checkbox"/> VBE <input type="checkbox"/>	
	7d. Years Experience With Firm 16.5 With Other Firms 7.5	
	7e. Education: Degree(s)/Year/Specialization • Masters in Mechanical Engineering / 1989 / HVAC, Refrigeration, and Environmental Sciences	
	7f. Active Registration: Year First Registered/Discipline/Mass Registration Number 2002 / P.E. Mechanical Engineering <b>Massachusetts Registration #45055</b>	

7g. Current Work Assignments And Availability For This Project  
 M. Lelek is available to work on the project immediately.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Ms. Lelek is a LEED Accredited Professional (LEED AP) and a Certified Energy Manager (CEM). Ms. Lelek has worked on over 40 school projects in recent years. In most cases, the work involved energy efficiency analysis and consulting, and assistance with utility incentive programs and LEED or CHPS certification. In the case of some projects, the services provided also included commissioning of energy consuming systems such as HVAC and lighting.

**Relevant projects worked on with Ai3 Architects:** B.M.C. Durfee High School (Fall River), East Providence High School (East Providence, RI), Nathan Bishop PK-8 School (Providence, RI), Kennedy Middle School (Natick), Natick High School, Central Middle School (Quincy), Somerset-Berkley Regional High School, Plymouth North High School, Norwood High School, Sterling Middle School (Quincy), Beverly Middle School, Abington Co-Located Pre-K/Middle/High School, Boston College High School, East Elementary School (Hingham), Whitman-Hanson Regional High School, Wilson Middle School (Natick)

**Other relevant projects:** Danvers Middle School, Melrose Middle School, Berkshire Hills Middle School (Great Barrington), Keith Middle School (New Bedford), Kuss Middle School (Fall River), Tahanto Regional Middle/High School (Boylston), John W. Rogers Middle/High School (Rockland), Stoneham Middle School, Burgess Elementary School (Sturbridge), Angier Elementary School (Newton), Fall River Elementary Schools, E. Pole Elementary School (Taunton), Goodyear Elementary School (Woburn), Howe Manning Elementary School (Middleton), Rashi Elementary School (Dedham), Willard Elementary School (Concord), Burlington Memorial Elementary School

# Section 7

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7a. Name And Title Within Firm

7b. Project Assignment

**Acoustical Consultant**

7a. Name And Title Within Firm

7b. Project Assignment

**Educational Programming**

**Ioana Pieleanu**  
Principal Consultant



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>Acentech, Inc.</b> 33 Moulton Street Cambridge, MA 02138 <a href="http://acentech.com">acentech.com</a>
MBE	<input type="checkbox"/>	
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm		15
With Other Firms		0
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>RPI: M.S. Building Sciences/2004/Architectural Acoustics</li> <li>Berklee: B.A. Music Production &amp; Sound Eng./2001</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

**Registration NOT REQUIRED for Acoustical Consultant**

7g. Current Work Assignments And Availability For This Project

Ms. Pieleanu has the technical expertise and the time available to fulfill the requirements of this project. Acentech will dedicate the staff and resources necessary to ensure that the project's deadlines, workflow, and budgetary requirements are met.

Current work assignments include: Mulcahey Elementary School (Taunton); Kennedy Middle School (Natick); Braintree Middle School

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Ms. Pieleanu is currently a member of the Acoustical Society of America.

**Relevant projects worked on with Ai3 Architects:** Abington Co-Located Pre-K/Middle/High School, B.M.C. Durfee High School (Fall River), Beverly Middle School, Plymouth South High School, Boston College High School, Hingham Middle School, Natick High School, Somerset-Berkley Regional High School, Sterling Middle School (Quincy), Jackson-Walnut Park Schools Elementary School (Newton), Franklin High School, Plymouth North High School, Marshfield High School, Central Middle School (Quincy), East Bridgewater Jr./Sr. High School, Norwood High School, East Elementary School (Hingham), Nathan Bishop PK-8 School (Providence, RI), Barrows Elementary School (Reading), Whitman-Hanson Regional High School

**Other relevant projects:** Avery Elementary School, Attleboro High School, Concord Carlisle High School, Derby Academy Innovation Center (Hingham), Gaffney Elementary School (New Britain, CT), Irwin Jacobs Elementary School (New Bedford), Martin Luther King Junior School (Cambridge), Needham High School Gymnasium Renovation, Newton North High School, North Reading Middle and High School, Park Avenue Elementary School (Webster), Rockland Middle and High Schools, Sandy Hook Elementary School (Newtown, CT), Shelburne Community School (Shelburne, VT), Westfield Elementary School, West Parish Elementary School (Gloucester), Willard Elementary School (Concord)

**David Stephen**  
President



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>New Vista Design</b> 32 Sheridan Street Suite 2 Jamaica Plain, MA 02130 <a href="http://newvistadesign.net">newvistadesign.net</a>
MBE	<input type="checkbox"/>	
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm		12
With Other Firms		11
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>Lesley College: Masters in Education/1998</li> <li>RI School of Design: Bachelors in Architecture/1982</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

1996 / Registered Architect  
**Massachusetts Registration #9752**

7g. Current Work Assignments And Availability For This Project

Educational Planning for:

1. Nauset Regional High School (Eastham, MA) - 90% complete
2. Leicester Middle School (Leicester, MA) - 60% complete
3. Dexter Elementary School (Leicester, MA) - 10% complete

David has 50% of his time available for this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

With 20 years of experience as a licensed architect and school designer, and 12 years of experience as a secondary school teacher and assistant principal, David speaks the language of both education and design. He has worked as an educational planner, architectural designer, and curriculum developer on a variety of award-winning, inquiry-based, and forward-thinking school programs and facilities across the U.S. The design of STEM-focused, project-based, and CTE schools are areas of particular interest and expertise.

**Relevant projects worked on with Ai3 Architects:** Beverly MS, B.M.C. Durfee HS (Fall River), Sterling MS (Quincy), Kennedy MS (Natick), Abington Co-Located Pre-K/MS/HS, Plymouth South HS, BC High, Watertown Elementary Schools

**Relevant MSBA projects:** Essex Technical School, Holbrook K-12, West Bridgewater MS/HS, Hunking K-8, Lowell Master Plan, Center/Sylvester ES, Peebles ES, Mt. Greylock MS/HS, Wildwood ES, Somerville HS, Waltham HS, Winthrop ES, Keverian ES, Maple ES, Lowell HS, Lowell HS, Tisbury ES, Dennis Yarmouth MS, Coffin-Gerry ES, Hildreth ES, Manchester Memorial ES, Trahan ES, Minot Forest ES, John Hannigan ES

**Other relevant projects:** Collegiate School for Boys (New York, NY), Linden STEAM Academy (Malden), Dearborn 6-12 STEM Academy (Roxbury), MUSE ES (Calabasas, CA), Harlem Village Academies (Harlem, NY), High Tech MS and Explorer ES (San Diego, CA), Denver School of Science and Technology (Denver, CO), Plymouth Educational Center (Detroit, MI), Pittsfield NH Schools



# Section 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.**

7a. Name And Title Within Firm      7b. Project Assignment      **Theatrical Consultant**

7a. Name And Title Within Firm      7b. Project Assignment      **Geotechnical Engineering**

**Scott Stipetic**  
Senior Theatre Systems Designer



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>Barbizon Light of New England</b> 3 Draper Street Woburn, MA 01801 <a href="http://barbizon.com">barbizon.com</a>
MBE	<input type="checkbox"/>	
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm	20	
With Other Firms	16	
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>Univ. of Wisconsin: M.F.A. Theatre/Lighting Design/1986</li> <li>Carnegie-Mellon Univ.: B.F.A. Theater Production/1979</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

**ETCP – Theatre Rigger – 2005/2015 - 818**  
**IES – 2011 – 644658**

7g. Current Work Assignments And Availability For This Project

Portsmouth High School (100% SD); East Providence High School (100% DD); B.M.C. Durfee High School (60% CD); Kennedy Middle School (CA); Sterling Middle School (CA); King Open Middle School (CA); Cape Cod Regional Technical High School (CA)

Mr. Stipetic is currently available for this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

**Relevant projects worked on with Ai3 Architects:** Norwood High School, Central Middle School (Quincy), Whitman-Hanson Regional High School, Franklin High School, Somerset-Berkley Regional High School, East Bridgewater Jr./Sr. High School, Marshfield High School, Hingham Middle School, Hull High School, Natick High School, Plymouth North High School, Plymouth South High School, Sterling Middle School (Quincy), Abington Co-Located Pre-K/Middle/High School, Beverly Middle School, Westerly High School (Westerly, RI), Lynnfield High School, East Providence High School (East Providence, RI), B.M.C. Durfee High School (Fall River), Kennedy Middle School (Natick), Sterling Middle School (Quincy)

**Other relevant projects:** King Open Middle School, Cape Cod Regional Technical High School, Clark Ave. Middle School, Taconic High School, Holbrook High School, West Bridgewater High School, Sutton High School, Bridgewater-Raynham High School, Walt Disney World - live show lighting designer for multiple shows and attractions as well as co-designer for the "SpectroMagic Parade", Universal Studios - designer for Jimmy Buffet's Margaritaville, Opryland and Fiesta Texas - park-wide designer for multiple shows and attractions, Hanover High School, Wellesley College, Cambridge Rindge and Latin School, Brown University, Northeastern University - Blackman Auditorium, Braintree High School, Silver Lake High School (RI), Bryant University (RI) - TV studio consultant

**J. Matthew Bellisle, P.E.**  
Senior Vice President



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>PARE Corporation</b> 10 Lincoln Road Suite 210 Foxboro, MA 02035 <a href="http://parecorp.com">parecorp.com</a>
MBE	<input type="checkbox"/>	
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm	21	
With Other Firms	5	
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>M.S. / 2001 / Civil Engineering</li> <li>B.S. / 1992 / Civil &amp; Environmental Engineering</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

1999 / Professional Engineer - Civil  
**Massachusetts Registration #40986**

7g. Current Work Assignments And Availability For This Project

Mr. Bellisle is currently responsible for a number of dam inspection and design projects, geotechnical investigations at several new high school projects in Massachusetts, and general management of Pare's Foxboro branch office location.

He can devote approximately 10% of his time to this project.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Mr. Bellisle possesses 26 years of experience working on a variety of geotechnical, foundation, civil, and dam engineering projects. He has acted as principal-in-charge, project manager, and project engineer for assignments involving geotechnical design, site investigations, testing, instrumentation, and construction monitoring.

**Relevant projects worked on with Ai3 Architects:** Natick High School - Natick, MA; Central Middle School - Quincy, MA; Sterling Middle School - Quincy, MA; East Bridgewater Jr./Sr. High School - East Bridgewater, MA; Somerset-Berkley Regional High School - Somerset, MA; Norwood High School (Construction Phase) - Norwood, MA

**Other relevant projects:** Amesbury DPW Facility Feasibility Study - Amesbury, MA; Sudbury Reservoir Dam Repairs - West Boylston, MA; Wachusett Reservoir Dam Inspection - Clinton, MA; Salem Transfer Station Reconfiguration - Salem, MA

# Section 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.**

7a. Name And Title Within Firm      7b. Project Assignment      **Hazardous Materials**

7a. Name And Title Within Firm      7b. Project Assignment      **Geoenvironmental Engineering**

**Ammar M. Dieb**  
President



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>Universal Environmental Consultants</b> 12 Brewster Road Framingham, MA 01702
MBE	<input type="checkbox"/>	<a href="http://universalenvironmentalconsultants.com">universalenvironmentalconsultants.com</a>
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm		17
With Other Firms		13
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>Bachelor of Science / 1987 / Civil Engineering</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

1990 / Certified Asbestos Project Designer / **AD #900326**  
1989 / Certified Asbestos Project Monitor / **AM #050620**

7g. Current Work Assignments And Availability For This Project

East Providence, RI High School demo (4 hours per week); South High School, Worcester, MA demo (4 hours per week); Billerica, MA High School (2 hours per week); Belmont, MA High School (2 hours per week)

Available hours are as needed. The above projects have been designed. UEC is available to perform all services required on a short notice.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Mr. Dieb is presently the President of Universal Environmental Consultants. Mr. Dieb has been involved in the inspection, management planning, design for remediation and construction and laboratory services in over 300 school buildings in MA.

**Relevant projects worked on with Ai3 Architects:** B.M.C. Durfee High School (Fall River), East Providence High School (East Providence, RI), Kennedy Middle School (Natick), Plymouth South High School, Abington Co-Located Pre-K/Middle/High School, Sterling Middle School (Quincy), Beverly Middle School, Somerset-Berkley Regional High School, Marshfield High School, Franklin High School, Sacred Heart High School (Kingston), Hingham Middle School, East Bridgewater Jr./Sr. High School, Valley Collaborative (Billerica), Woburn Street School (Reading), Melrose High School, Tri-County Regional Vocational Technical High School (Franklin), Natick High School, Plymouth North High School, Jackson-Walnut Park Schools (Newton), Central Middle School (Quincy), Norwood High School, Cardinal Spellman High School (Brockton), Foster Elementary School (Hingham), Plymouth River Elementary School (Hingham), Jacobs Elementary School (Hull), Hull High School, Lynnfield High School, Summer Street Elementary School (Lynnfield), Huckleberry Hill Elementary School (Lynnfield), Whitman-Hanson Regional High School, Lynnfield Middle School, Memorial Middle School (Hull), Wilson Middle School (Natick), Barrows Elementary School (Reading), Lincoln Middle School (Lincoln, RI), Reading Memorial High School, Northern Elementary School (Lincoln, RI), Lonsdale Elementary School (Lincoln, RI)

**Farooq Siddique,**  
P.E., LSP  
Principal



7c. Name And Address Of Office In Which Individual Identified In 7a Resides		<b>FS Engineers, Inc.</b> 42 Nonset Path Suite 42-1 Acton, MA 01720
MBE	<input checked="" type="checkbox"/>	<a href="http://fsengrs.com">fsengrs.com</a>
WBE	<input type="checkbox"/>	
SDVOBE	<input type="checkbox"/>	
VBE	<input type="checkbox"/>	
7d. Years Experience With Firm		17
With Other Firms		15
7e. Education: Degree(s)/Year/Specialization		
<ul style="list-style-type: none"> <li>MS Civil Engineering/1989/Environmental Engineering</li> <li>BS Civil Engineering/1983/Structural &amp; Water Resources</li> </ul>		

7f. Active Registration: Year First Registered/Discipline/Mass Registration Number

1994 / Professional Engineer / **MA Registration #38133**  
1995/ Licensed Site Professional / **MA Registration #9845**

7g. Current Work Assignments And Availability For This Project

Licensed Site Professional -- Available

Current work assignment includes Project Manager for five assessment and remediation projects. Performing regulatory compliance review related environmental issues at a daycare facility. Preparation of contaminated site closure documentation and activity and use limitation program.

7h. Other Experience And Qualification Relevant To The Proposed Project (Identify Firm By Which Employed, If Not Current Firm)

Mr. Siddique has over 20 years experience in environmental engineering, civil engineering, and hazardous materials studies. Mr. Siddique has used his multi-disciplinary environmental skills in a full diversity of projects. His professional experience includes public and private sector consulting in the United States and overseas. He is a Registered Professional Engineer and Licensed Site Professional in Massachusetts. He is the founder and President of FS Engineers, Inc. Mr. Siddique currently serves on the Board of Directors of the Licensed Site Professionals Association.

Mr. Siddique has served as the Principal Engineer and Manager for many multi-disciplinary projects. As a Principal and Manager of the Civil Engineering Department, Mr. Siddique has managed many complex multi-disciplinary projects, negotiated work plans and costs, managed budget, selected and directed staff, provided contract deliverables, prepared monthly reports and invoices. He has been the principal contact person and communicated effectively with client project managers. He has completed numerous civil site designs, hydrological studies and drainage system designs, soil evaluations, site assessments, remedial designs and remedy implementations, environmental audits, and sewage disposal system design.

**Relevant projects worked on with Ai3 Architects:** Cunniff Elementary School (Watertown), Hosmer Elementary School (Watertown), Lowell Elementary School (Watertown), B.M.C. Durfee High School (Fall River), Kennedy Middle School (Natick), Sterling Middle School (Quincy)



# Section 8a

# Somerset Middle School

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 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)

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

Troy L. Randall, AIA  
L. Scott Dunlap, AIA  
James S. Jordan, AIA

Planning, Programming, Design Development, Construction Documents, and Construction Administration for new 1,000-pupil, 222,826 sq. ft. regional high school project.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

**SBRHS Building Committee**  
25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person

Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)

June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)

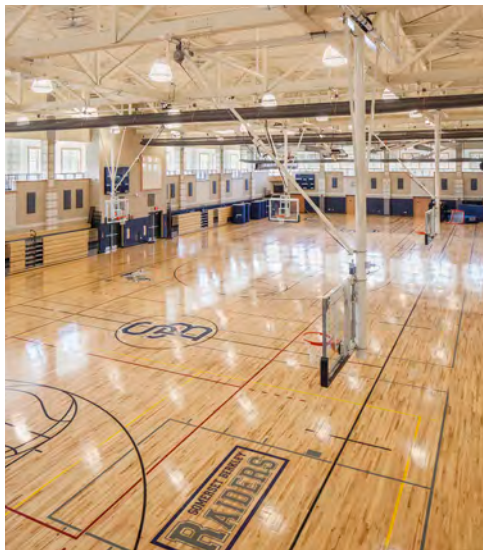
70,139

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible

2,442 (Basic Services)  
961 (Extra Services)



population: 1,000 pupils  
size (sq. ft.): 222,826 new



## About

### Somerset-Berkley Regional High School

Somerset-Berkley Regional High School is included herein because it represents one of the many large-scale high school projects completed by Ai3 Architects. Given the large student population, the building is broken into smaller learning communities, and the larger core spaces - gym, dining, and performing arts - are separated from these academic zones to avoid disruption and congestion. A central courtyard is the main organizing element. Because its pattern is formed around a central courtyard and not a series of extended classroom wings, clusters, or pods, the organization is one of the most efficient, compact, and effective in reducing gross square footage and gaining natural daylight. The floor plan is also organized vertically so that general classrooms, science labs, and large group rooms which have similar sizes, functions, and features stack to reduce the complexity of the structural frame. This simplifies construction and reduces the building's overall exterior wall surface, thereby reducing construction costs and energy consumption.

The art suite includes a centrally-located instructional studio to facilitate the instruction of multiple art disciplines simultaneously. The library media center and its internal computer lab are located in close proximity to the main entry, thereby facilitating joint use of the facility with the community. The performance auditorium is conveniently located in close proximity to other "public and community" spaces, while simultaneously supporting the school's performance, practice, and presentation needs. The high school administrative area, with expanded functions like guidance, medical, and special education administration, is conveniently located near the primary entry point of the school. Its location also allows for critical monitoring and security at the building's main entry. Included in the program are large-scale technology/industrial application labs, which are conveniently located on the first floor with exterior access for movement of wood, metal, electronic, robotic, and alternative energy equipment; materials which are common in 21<sup>st</sup> Century applied learning environments and have special organizational and functional needs. Each classroom features a facilitative learning control panel to access the interactive electronic whiteboards, LCD projectors, document scanners, presentation camera, and video broadcasting with the touch of a button. Every classroom is outfitted with a sound reinforcement and voice amplification system which consists of four ceiling-mounted speakers and supplementary FM receivers and transmitters. The amplification system not only provides sound reinforcement for students, but also provides voice amplification through a dedicated headset.

The new building fit neatly between the existing high school building and the existing football stadium, allowing for continued occupancy of all facilities until the completion of the new building. The existing building was subsequently demolished and this area was converted to parking and playfields.



# Section 8a

# Somerset Middle School

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 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)

## Kennedy Middle School

165 Mill Street  
Natick, MA 01760

James S. Jordan, AIA  
L. Scott Dunlap, AIA  
Troy L. Randall, AIA

Study, Planning, Design, and Construction Administration of a new 1,000 pupil, grade 5-8 school.

- Innovative **5th through 8th middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- **Hands-on learning** labs and experiences
- **Multi-zone academic classrooms**
- **“Open” internal environment** with limited corridors
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

**Natick Public Schools**  
13 East Central Street  
Natick, MA 01760

Name Of Contact Person

Anna Nolin, Superintendent  
(508) 647-6500  
[anolin@natickps.org](mailto:anolin@natickps.org)

d. Completion Date (Actual Or Estimated)

November 16, 2020 (building)  
May 16, 2022 (site)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)

89,131

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible

8,619 (Basic Services)  
623 (Extra Services)



population: 1,000 pupils  
size (sq. ft.): 182,195 new



## About Kennedy Middle School

Ai3 was given the opportunity to design a fourth school for the Town of Natick, extending a twenty-year relationship of working together to develop feasibility studies that resulted in a new elementary school, two new middle schools, and a new high school. The site, which is occupied by the existing Kennedy Middle and Brown Elementary schools, is surrounded by wetlands, vernal pools, and mature woodlands located within a densely populated residential neighborhood. The exterior design is inspired by the landscape and natural surroundings; capturing the unique natural assets of the woodlands surrounding the entire campus. The materials and colors incorporated into the exterior and interior design create a warm, welcoming learning environment while simultaneously connecting the building to the natural features of the site. Kennedy was developed with a visionary educational plan emphasizing the Town's commitment to a forward-thinking environment where science, technology, engineering, math, and art educational programs are incorporated into a "hands-on" curriculum to prepare students for the programs offered at the high school level.

The Town has a unique opportunity to partner with many engineering and science businesses located within the community. This partnership, focused on STEAM initiatives, allows teachers and students to participate in real-world applications both inside and outside of classroom spaces. The educational plan for the new school includes four project-based learning labs: 50-seat planetarium, virtual reality lab, aquaponics lab, and greenhouse with a roof garden. These flexible yet specifically purposed and themed labs are owned and maintained by each grade level neighborhood. The educational plan received numerous accolades from the MSBA Facilities Assessment Subcommittee for its forward-thinking vision and the incorporation of this vision into the built environment.

The new school accommodates 1,000 pupils in grades 5-8. During preliminary design programming by Ai3, 21 building options that ranged from renovation/addition options to new two, three, and four-story options were studied. Ultimately, the Town elected to build an "all new" four-story facility on the existing site, demolishing the current building following completion. A new reduced building footprint preserved green space and limited disruption to the natural features of the site. This option also allowed the District to create a 5th grade academy on the first floor and allowed the school to be divided into a 5-6 grade lower school on floors 1 and 2, and a 7-8 grade upper school on floors 3 and 4. The new school is designed in a linear organization; the termination at each end is accomplished through the placement of the performing arts center to the north, adjacent to the Brown Elementary School for shared use, and the athletic center to the south.



# Section 8a

# Somerset Middle School

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 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)

## Beverly Middle School

7 Sohier Road  
Beverly, MA 01915

Troy L. Randall, AIA  
L. Scott Dunlap, AIA  
James S. Jordan, AIA

Planning, Design, and Construction Administration for the new 1,395-pupil, 231,509 sq. ft. middle school.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

c. Client's Name, Address, And Phone Number

### Beverly Public Schools

502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person

Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)

June 15, 2018 (building)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)

91,263

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible

8,546 (Basic Services)  
755 (Extra Services)



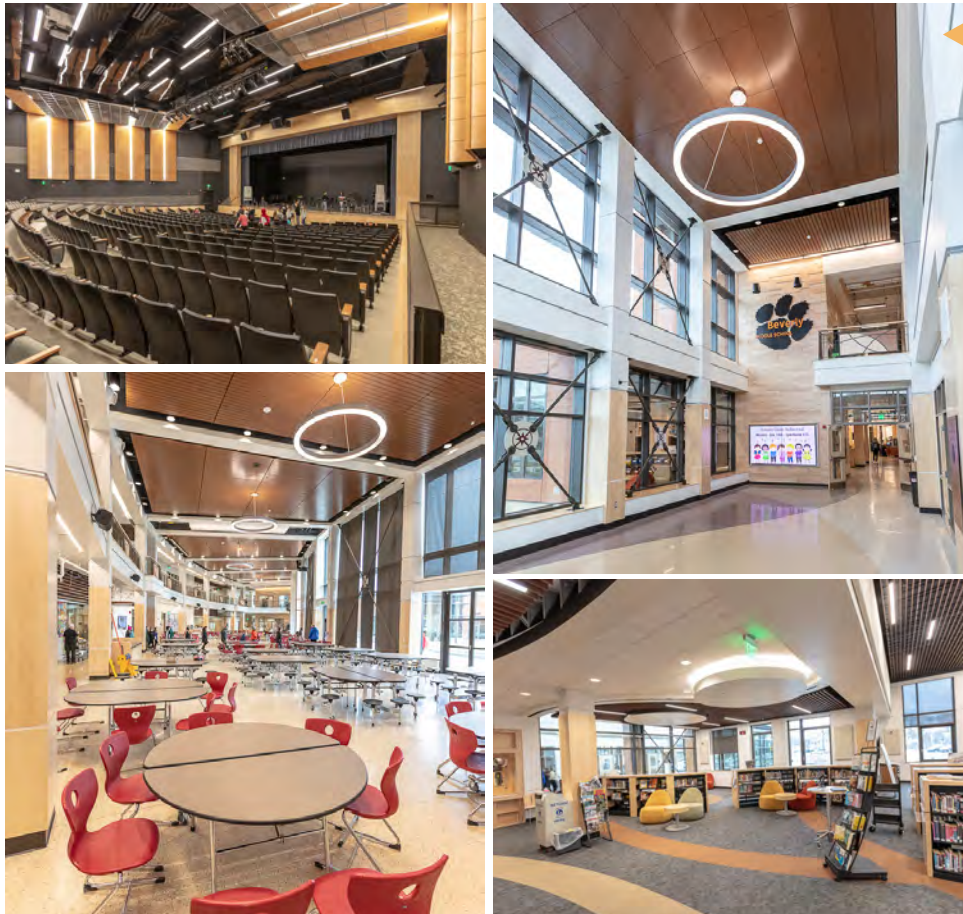
population: 1,395 pupils  
size (sq. ft.): 231,509 new

## About Beverly Middle School

This project is included herein because, aside from the fact that it is a middle school, the design includes many progressive concepts for educational collaboration and hands-on learning. The project began with a feasibility study that included numerous options across multiple sites. These options included renovation and expansion of the current middle school, renovation and expansion of a former middle school, re-use of portions of existing buildings on two separate sites, and all-new construction options. After a thorough analysis and much consideration, the City opted for a new building to be designed and constructed on a former middle school site. The project is representative of the expertise of AI3 in programming large-scale educational facilities, as it is designed to accommodate 1,395 pupils in an educational facility over 230,000 square feet.

Designed to promote small learning communities and to support school culture and pride, the open environment allows for small group study and student exhibit areas to showcase works-in-progress throughout. The four-story building design is organized into 12 small academic neighborhoods wrapped along a multi-purpose spine. The spine includes shared amenities such as the media center, two student dining spaces, and project labs for hands-on investigation at each corner. The integration of S.T.E.A.M. through project-based learning was a priority for the District, and the location of these labs shows it as such; allowing students or visitors of the school to observe and/or participate in the work of each learning community. The learning communities take advantage of space within the academic corridors for individual study, meeting in small groups, and exhibit space. Shared group rooms in between academic classrooms allow larger groups to work without disruption to the core class, but still within view of the teacher. In addition to the academic neighborhoods inside, the school is also landscaped to include outdoor classrooms, areas for art, reading, and dining, and an amphitheater. The building wraps around the outdoor learning courtyard on three sides, allowing one side of this outdoor courtyard to be fully open for student arrival and departure from a bus and parent drop-off area. These spaces are directly accessed from the magnificent 40' high by 120' wide window wall that flanks the spine. Community facilities like the performance theater, double gymnasium, and media center are organized to allow after-hours public access without interruption to the remainder of the building. Site amenities include playfields, a bike path, and parking for over 300 vehicles.

Beverly Middle School is the first MSBA project to be developed with a comprehensive BIM (Building Information Model), which places the entire building within an interactive 3D model for use by the design team, the contractor, and ultimately for the City's Facilities Department to utilize as a maintenance tool.





# Section 8a

# Somerset Middle School

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 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)

## Sterling Middle School

444 Granite Street  
Quincy, MA 02169

James S. Jordan, AIA  
L. Scott Dunlap, AIA  
Troy L. Randall, AIA

Planning, Design, and Construction Administration of a new 430 pupil, grade 5-8 school.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Construction on a **very small urban site** within a densely populated residential neighborhood
- Compact building footprint to **increase available site area**
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration zones**
- **Professional learning environment** for students and teachers

c. Client's Name, Address, And Phone Number

**Quincy Public Schools**  
34 Coddington Street  
Quincy, MA 02169

Name Of Contact Person

Richard DeCristofaro, Superint.  
(617) 984-8700  
[richarddecristofaro@quincypublicschools.com](mailto:richarddecristofaro@quincypublicschools.com)

d. Completion Date (Actual Or Estimated)

March 2019 (building)  
August 2019 (site)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)

47,235

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible

4,961 (Basic Services)  
453 (Extra Services)



population: 430 pupils  
size (sq. ft.): 95,732 new



## About Sterling Middle School

Ai3 Architects was given the opportunity to design a second new middle school for the City of Quincy, extending an eight-year relationship of working together to develop feasibility studies and a long-range plan targeted at middle school educational environments. The Sterling Middle School design is very different from the first middle school by Ai3 (Central Middle School). Located within a very specific neighborhood context, the new Sterling was developed with a visionary educational plan that not only represented the specific school and neighborhood, but also demonstrated the City's commitment to a forward-thinking environment where student work and exhibit become the backdrop for an open concept that encourages student and teacher collaboration. Ai3 joined the Sterling faculty and administration during off-site visioning sessions over several months to brainstorm the goals and priorities for this new facility. The educational plan for the new Sterling included highly transparent grade-level neighborhoods, where glass-wall classrooms would provide the necessary noise separation while simultaneously placing student learning on display within each grade-level neighborhood. Classrooms wrap a common project area in each neighborhood, allowing students to move throughout the academic areas without the traditional confines of hallways and corridors. The arts and media are combined in a second-story exhibit and collaboration area that overlooks the student dining commons, creating visual connectivity throughout the building. The educational plan received numerous accolades from the MSBA Facilities Assessment Subcommittee for its forward-thinking vision and the incorporation of this vision into the built environment.

The 95,732 sq. ft. middle school accommodates 430 pupils in grades 5-8. During preliminary design programming by Ai3, multiple options considering expansion and/or replacement of the existing Sterling building were investigated. Ultimately, the City elected to build an "all new" facility on the existing site, demolishing the current building following completion. The very small site with a significant grade change of 25', densely-populated Quincy neighborhood, and flood plain boundaries were all challenges that required the new facility to be carefully planned. The solution is a three-story building that locates its main floor along the upper level of the site and tucks its lower floor into the hillside. It is organized into four grade-level academic teams; locating the neighborhoods for grade 5 and 6 on the main floor and those for grades 7 and 8 on the floor above. Each academic neighborhood includes integrated special education spaces plus central maker/builder spaces for hands-on project-based learning assignments, demonstrations, and presentations. A two-story atrium along the building's spine connects the front to the rear and creates indoor/outdoor connections through transparency, natural daylighting, and numerous vantage points. The entire building is designed to support a welcoming feeling to students, parents, and community members while maintaining a safe and secure culture.



# Section 8a

# Somerset Middle School

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 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)

## Abington Co-located Pre-K/Middle/High School

201 Gliniewicz Way  
Abington, MA 02351

Troy L. Randall, AIA  
L. Scott Dunlap, AIA  
James S. Jordan, AIA

Study, Planning, Design, and Construction Administration of this 1,115 pupil, co-located pre-k/middle/high school for the Town of Abington.

- Innovative **middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple playfields**
- Promotion of **student display and exhibit**
- Planning of transition from 6-8 middle school to **5-8 middle school**
- **Project-based learning** labs and **student collaboration** space
- **Flexible learning environment**
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

**Abington Public Schools**  
171 Adams Street  
Abington, MA 02351

Name Of Contact Person

Peter Schafer, Superintendent  
(781) 982-2150  
[peterschafer@abingtonps.org](mailto:peterschafer@abingtonps.org)

d. Completion Date (Actual Or Estimated)

May 31, 2017 (building)  
July 31, 2018 (site)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)

78,839

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible

6,006 (Basic Services)  
559 (Extra Services)



population: 1,115 pupils  
size (sq. ft.): 235,370 new



## About

### Abington Co-located Pre-K/Middle/High School

The Abington Co-located Pre-K/Middle/High School allowed the Town to solve multiple programmatic needs with a single new facility. This school is often referred to as "three schools within a school", because the high school, middle school, and Pre-K are all within the same building. To further distinguish the schools from the larger school, each has its own dedicated entrance and identity, organizing the middle and high schools on opposite sides of a "community core". Though organized to provide the appropriate separation between each of these schools, key core facilities like the auditorium, dining, and media center are still available to share. These core facilities are also located so that the public can easily access them for after-hours use, allowing the building to serve as a valuable community resource. The two-story middle school is further separated into "learning communities" with grades 5/6 on the first floor and 7/8 on the second floor. Each "learning community" is designed to include a centrally located, visually transparent, and highly flexible "hands-on" project-based learning laboratory where students can investigate and problem solve. The two-story high school has its own specific organization, but is also designed to promote flexible classrooms and hands-on learning that includes cross-disciplinary instruction.

The project began with an extended feasibility study by Ai3 Architects in which multiple options were considered, including reuse of the existing middle and high school facilities. Ai3 conducted numerous public presentations to familiarize the community with the proposed options so that an informed decision regarding the most educationally appropriate and fiscally responsible choice for the Town could be made. The site is located along Gliniewicz Way, a tree-lined boulevard leading to the Town Hall and Town Library. The new site design is arranged so that the middle and high school vehicular pathways and parking are separated. Multi-purpose playfields are located to provide easy and direct access from the building as well as convenient access to the community. The site design also maximizes the available play area by meeting the community's parking needs without compromising playfields.

The new building is designed to achieve a LEED Silver rating and includes an energy efficient building envelope, high performance windows, rainwater collection system, low-flow toilet fixtures, and high efficiency mechanical and lighting systems. Andelman & Lelek Engineering (A&L) collaborated with Ai3 to develop a comprehensive building energy model as part of the LEED design process. A&L's services included a utility incentive study for National Grid Electric and Gas, an energy analysis per phase using a comprehensive eQUEST computer model, a cost-savings analysis for various conservation measures, a complete LEED energy analysis, a Design Approach utility incentive study, and a daylight analysis.



# Section 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.

Sub-Consultant Name: **Barbizon Light of New England**

- a. Project Name And Location;
- b. Brief Description Of Project And Services (Include Reference To Relevant Principal-In-Charge Experience)

## Natick High School

15 West Street  
Natick, MA 01760

Scott Stipetic

Ai3 Architects, LLC selected Barbizon Light of New England as their theatrical consultant for the auditorium stage lighting, dimming, drapery, and theatrical equipment during the Planning, Design, and Construction Administration of the new 1,300 pupil Natick High School.

- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- New school on a **very small site** that was **fully occupied** during **phased construction** for the entirety of the project
- Critical **planning of construction sequencing** to insure separation of construction activities from academic environment
- MSBA **Model School**
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

**Natick Public Schools**  
13 East Central Street  
Natick, MA 01760

Name Of Contact Person

Anna Nolin, Superintendent  
(508) 647-6500  
[anolin@natickps.org](mailto:anolin@natickps.org)

d. Completion Date (Actual Or Estimated)

June 15, 2012

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

63,700

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

6.8



population: 1,300 pupils  
size (sq. ft.): 254,227 new



## About Natick High School

Natick High School represents Ai3's ability to work with the Superintendent of Schools, the Building Committee, the School Committee, the Board of Selectmen, the Finance Committee, and the entire Natick community to collaborate on a very complex project that required community funding support in the form of a debt exclusion vote. It also involved the construction of a new high school within a very limited site area, while leaving the existing high school in place and fully occupied by students and staff. The new Natick High School project required a detailed phasing plan that included selective demolition of portions of the existing high school building in multiple phases in order to strategically accomplish continued construction of the new high school. The site is located within a very dense residential neighborhood and is bounded on one side by neighborhood abutters and on the opposite side by the 48.0-acre Dug Pond. Ai3 coordinated numerous neighborhood meetings and even went door-to-door to discuss specific neighbor concerns with direct abutters in order to address any issues associated with the proposed project. The limited site area required Ai3 to coordinate with the Town to establish satellite areas for construction parking, excavation stockpiling, and materials staging.

The completed facility is an innovative 21<sup>st</sup> Century learning environment where students can participate in hands-on activities that promote an understanding of the relationship between academics and practical science and technology. The project includes: 1) Software Development Labs; 2) Digital Animation Studios; 3) a student-assisted District Technology Center; 4) Robotics Lab; 5) Facilitative Learning Classrooms – Typical academic classroom includes a built-in facilitator station which allows the teacher to have access to all of the integrated technological tools within the classroom from a single-touch control panel. Computer driven interactive white boards, LCD projectors, document scanners, CPUs, and video devices are all available at this central control panel.; 6) Sound Reinforcement System in all instruction spaces – reinforcing and balancing the spoken voice within the room for better listening and understanding; 7) Performance & Distance Learning Theater – “true” distance learning requires the design of an acoustically appropriate space and the technology to deliver “real time” streaming of voice, video, and data; 8) Cyber Café for Collaborative Teacher Planning – these areas combine departmental reference materials, teacher work and planning areas, laptop computer “docking” stations, conference rooms, storage areas, and kitchenettes into a collective planning area which encourages collaborative planning and social interaction; 9) Departmental Presentation and Interactive Instruction Kiosks – the student circulation through the building requires each student to pass through departmental “zones” which include display kiosks, plasma screens, and data transmission to allow for student interaction; 10) an entirely wireless campus environment where students can utilize laptops in outdoor environments and; 11) a large-scale video display wall for the presentation of student work and TV productions.



# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** Barbizon Light of New England

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Norwood High School

245 Nichols Street  
Norwood, MA 02062

Scott Stipetic

Ai3 Architects, LLC selected Barbizon Light of New England as their theatrical consultant for the auditorium stage lighting, dimming, drapery, and theatrical equipment during the Planning, Design, and Construction Administration of the new 1,100 pupil Norwood High School.

- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- New school on a **very small site** that was **fully occupied** during **phased construction** for the entirety of the project
- Critical **planning of construction sequencing** to insure separation of construction activities from academic environment
- First MSBA **Model School** completed as part of the program
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

### Town of Norwood

Town Hall  
566 Washington Street, Rm 27  
Norwood, MA 02062

Name Of Contact Person

John J. Carroll, General Manager  
(781) 762-1240 x101

d. Completion Date (Actual Or Estimated)

May 15, 2011

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

54,779

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

10.0



population: 1,100 pupils  
size (sq. ft.): 227,500 new



## About Norwood High School

Norwood High School was the first "Model High School" launched by the Massachusetts School Building Authority (MSBA). The MSBA conducted an extensive evaluation of completed, successful high school projects and selected the Whitman-Hanson Regional High School as one of its Model Schools. It was selected because of its high quality, advanced educational environment, low cost, timely completion, "Green" design elements, and post-occupancy operation and performance. The new Norwood High School includes several educational program adjustments and a distinctly different architectural appearance, but maintains all of the high-quality and high-performance features that made Whitman-Hanson such an enormous success. The new Norwood High School also includes many new advancements in educational technology, lighting, energy efficiency, "Green" design, and overall building science.

The completed facility incorporates numerous unique organizational strategies, learning environments, and technological advancements rarely available in a high school environment. These advancements include: 1) Facilitative Learning Classrooms – the typical academic classroom includes a built-in facilitator station which allows the teacher to have access to all of the integrated technological tools within the classroom from a single-touch control panel. Computer driven interactive white boards, LCD projectors, document scanners, CPUs, and video devices are all available at this central control panel; 2) Performance & Distance Learning Theater – "true" distance learning requires the design of an acoustically appropriate space and the technology to deliver "real time" streaming of voice, video, and data; 3) Cyber Café for Collaborative Teacher Planning – these areas combine departmental reference materials, teacher work and planning areas, laptop computer "docking" stations, conference rooms, storage areas, and kitchenettes into a collective planning area which encourages collaborative planning and social interaction; 4) Departmental Presentation and Interactive Kiosks – the student circulation through the building requires each student to pass through departmental "zones" which include display kiosks, plasma screens, and data transmission to allow for student interaction.

The new facility was constructed directly adjacent to the existing occupied high school, and even required some demolition of the existing facility in order to provide space for the new building. Therefore, the project required comprehensive provisions for phased-occupied construction on a site which was occupied by students, faculty, and staff throughout the duration of construction. The new Model High School program allowed the Town of Norwood to construct a facility which exceeded all of their prior educational and operational expectations, while simultaneously reducing their previously anticipated costs. Much of this savings comes as a result of an accelerated design and completion schedule, which also benefited the users by making the new high school available sooner than previously anticipated.

# Section 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.

**Sub-Consultant Name:** Barbizon Light of New England

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Beverly Middle School

7 Sohier Road  
Beverly, MA 01915

Scott Stipetic

Ai3 selected Barbizon as their theatrical consultant for the Beverly Middle School. Services included: theatre rigging - motorized and dead-hung line sets; stage drapery; stage dimming; house lighting control; lecture room and drama classroom theatres; TV studio pipe grid, curtains, and lighting.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Four-story, **compact building footprint** that allows for multiple new playgrounds and parking areas

## Sterling Middle School

444 Granite Street  
Quincy, MA 02169

Scott Stipetic

Ai3 selected Barbizon as their theatrical consultant for the Sterling Middle School. Services included: theatre rigging - motorized FOH pipe and dead-hung line sets; stage drapery; stage dimming; house lighting control; performance audio for theater.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Construction on a **very small urban site** within a densely populated residential neighborhood
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration** zones
- **Professional learning environment** for students and teachers

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

Scott Stipetic

Ai3 selected Barbizon as their theatrical consultant for the Somerset-Berkley Regional High School. Services included: theatre rigging - motorized and dead-hung line sets; stage drapery; stage dimming; house lighting control; lecture room and drama classroom theatres; TV studio pipe grid, curtains, and lighting.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments

c. Client's Name, Address, And Phone Number

### Beverly Public Schools

502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person

Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)

March 30, 2018

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

91,263

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

10.8



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number

### Quincy Public Schools

34 Coddington Street  
Quincy, MA 02169

Name Of Contact Person

Richard DeCristofaro, Superint.  
(617) 984-8700  
[richarddecristofaro@quincypublicschools.com](mailto:richarddecristofaro@quincypublicschools.com)

d. Completion Date (Actual Or Estimated)

May 2, 2019

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

47,235

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

10.7



population: 430 pupils  
size (sq. ft.): 95,732 new

c. Client's Name, Address, And Phone Number

### SBRHS Building Committee

25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person

Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)

June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

70,139

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

8.8



population: 1,000 pupils  
size (sq. ft.): 222,826 new



# Section 8b

# Somerset Middle School

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.

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

- a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Central Middle School

875 Hancock Street  
Quincy, MA 02170

Mehul V. Dhruv, P.E.

Ai3 Architects, LLC selected Engineers Design Group, Inc. as their structural engineering consultant for the Study, Planning, Design, and Construction Administration of the new 620 pupil, 6<sup>th</sup> through 8<sup>th</sup> grade middle school.

- Programming and design for an **innovative**, advanced placement feeder school that serves grades 6-8
- A repeat client who **completed multiple projects** with Ai3
- Transitional architectural style that blends the classical/traditional with a modern **21<sup>st</sup> Century educational environment**
- Respect for **historic context** of the surrounding neighborhood
- LEED Gold building with a high level of **energy efficiency**
- Compact footprint **preserves site** for play areas, lawn, & parking

c. Client's Name, Address, And Phone Number

**City of Quincy**  
1305 Hancock Street, 3rd Fl.  
Quincy, MA 02169

Name Of Contact Person

James Timmins, City Solicitor  
(617) 376-1511  
[jtimmins@quincyma.gov](mailto:jtimmins@quincyma.gov)

d. Completion Date (Actual Or Estimated)

January 3, 2014

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)

32,481

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible

200



population: 620 pupils  
size (sq. ft.): 114,975 new



## About Central Middle School

Ai3 Architects, LLC has a long-standing relationship with Engineers Design Group, Inc. (EDG) – executing 95% of the architecture firm's projects over the past 27 years. The case for Central Middle School in the City of Quincy is no different. As the first new middle school in many decades for Quincy, Central Middle School is a standing example of the city's long-term vision for 21<sup>st</sup> Century learning environments. The new three-story, 620-pupil middle school is located on a mere 4-acre urban site near downtown Quincy and the related historic district. Ai3 and EDG worked intelligently to resolve the inherent issues of building on a tight site in an urban/historical district by responding directly to these constraints; emphasizing the corner of Hancock Street and St. Ann's Road rather than pulling the building away from the city streets. The result is a functional, vibrant, and aesthetically-rich streetscape that transforms this Quincy corner.

Quincy is one of the few districts in the Commonwealth that has both 5-8 and 6-8 middle schools, providing Ai3 with a unique perspective on the implementation of both models.

Today, Central Middle School is a superior learning environment because it incorporates dually pragmatic and innovative design strategies. Natural daylighting methods, enhanced classroom acoustic techniques, and indoor air quality measures are necessities in establishing a healthy learning environment. Additionally, taking opportunities to teach through creative display or applied technology is clever, just as Central does with such design features as its "Wall of Presidents", its learning modality exhibit, and its literature word display. In fact, the real-time data collected from the building's sustainable design systems is being used within the curriculum to teach students about energy optimization. "Artifacts" from the previous school were even incorporated into construction of the new.

The new Central Middle School, which received a LEED Gold rating, is an advanced placement feeder school, and sets the standard for 21<sup>st</sup> Century educational and sustainable environments within the City of Quincy. Ai3 has been so successful engaging Quincy citizens through community workshops about the benefits of a new 21<sup>st</sup> Century middle school, that the city has continued its relationship with Ai3 on other school projects (Sterling Middle School).

# Section 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.

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

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Memorial Middle School

81 Central Avenue  
Hull, MA 02045

Mehul V. Dhruv, P.E.

Ai3 Architects, LLC selected Engineers Design Group, Inc. as their structural engineering consultant for the Study, Planning, Design, and Construction Administration for this transformation of an historic 1948 school into a modern 21<sup>st</sup> Century educational environment.

- Transformation of an **older building** into an award-winning **21<sup>st</sup> Century educational environment**
- Multiple school projects **completed simultaneously** for the Town of Hull (one elementary, one middle, and one high school)
- Accommodates **increased enrollment** for grades 6-8
- Completed on a **very small site** in a densely populated residential neighborhood
- Provides **universal accessibility** for a multi-level historic building

c. Client's Name, Address, And Phone Number

**Town of Hull**  
253 Atlantic Avenue  
Hull, MA 02045

Name Of Contact Person

Phil Lemnios, Town Manager  
(781) 925-2000  
[nallen@town.hull.ma.us](mailto:nallen@town.hull.ma.us)

d. Completion Date (Actual Or Estimated)

June 28, 2002

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

9,270

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

39.4



population: 355 pupils  
size (sq. ft.): 58,746 renovation + 8,800 addition



## About Memorial Middle School

Memorial Middle School is a building of historic importance in the Town of Hull. Completed in 1948, dedication of the school was delivered by then Congressman John F. Kennedy. By 1999, however, the Town of Hull was considering demolishing the existing three-story brick structure and replacing entirely in new. Instead, the classical-revival style building and symbolic clock tower proved to be too valuable architecturally to do away with, and the plan for restoration began. Modernization, as well, was of prime importance, with the goal being that a 21<sup>st</sup> Century educational facility would be designed within the 20th Century building shell, thus demonstrating a respect for the past while accommodating a vision for the future.

The transformation of this 355-pupil middle school, serving grades 6-8, presented many challenges. The program required a comprehensive systems replacement, enhanced science laboratories, collaborative instructional areas, tech-focused project labs, and an expanded/centrally-located Media Center for more than just the storage of textbooks. In order to seamlessly incorporate these new program requirements without compromising the classical feel of the architecture, a small 8,800 square foot addition was designed. The classical portico with three-story stone columns, original slate roof, ornamental clock tower, and symmetrical building facade served as inspiration for the new addition. The original building received an extensive renovation to both its interior and exterior, while maintaining classical-revival characteristics. For example, the original slate roof tiles were restored rather than replaced with modern-day asphalt or EDPM. Care was taken to integrate the building systems and technology infrastructure within the walls and ceiling, rather than keeping it exposed, and accessibility modifications were made to ensure that the historic portion was still 100% accessible.

Ai3 has an accomplished résumé with the Town of Hull, completing multiple phased-occupied construction projects simultaneously in years past.



# Section 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.

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

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Beverly Middle School**  
7 Sohier Road  
Beverly, MA 01915  
  
Mehul V. Dhruv, P.E.

Ai3 selected EDG as their structural engineering consultant for the feasibility study, design, and construction of the new Beverly Middle School.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

**Somerset-Berkley Regional High School**  
625 County Street  
Somerset, MA 02726  
  
Mehul V. Dhruv, P.E.

Ai3 selected EDG as their structural engineering consultant for the design and construction of the new Somerset-Berkley Regional High School.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

**Abington Co-Located Pre-K/Middle/High School**  
201 Gliniewicz Way  
Abington, MA 02351  
  
Mehul V. Dhruv, P.E.

Ai3 selected EDG as their structural engineering consultant for the new Abington Co-Located Pre-K/Middle/High School

- Innovative **middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple playfields**
- Promotion of **student display and exhibit**
- Planning of transition from 6-8 middle school to **5-8 middle school**
- **Project-based learning** labs and **student collaboration** space
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number	<b>Beverly Public Schools</b> 502 Cabot Street Beverly, MA 01915
Name Of Contact Person	Steven Hiersche, Superintendent (978) 921-6100 x712 <a href="mailto:shiersche@beverlyschools.org">shiersche@beverlyschools.org</a>
d. Completion Date (Actual Or Estimated)	June 15, 2018
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	91,263
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	625



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number	<b>SBRHS Building Committee</b> 25 Saddlebrook Terrace Somerset, MA 02726
Name Of Contact Person	Richard Fenstermaker, Chairman (508) 646-1157 <a href="mailto:richfenstermaker@aol.com">richfenstermaker@aol.com</a>
d. Completion Date (Actual Or Estimated)	June 20, 2014 (building) October 2, 2015 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	70,139
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	217.3



population: 1,000 pupils  
size (sq. ft.): 222,826 new

c. Client's Name, Address, And Phone Number	<b>Abington Public Schools</b> 171 Adams Street Abington, MA 02351
Name Of Contact Person	Peter Schafer, Superintendent (781) 982-2150 <a href="mailto:peterschafer@abingtonps.org">peterschafer@abingtonps.org</a>
d. Completion Date (Actual Or Estimated)	November 16, 2017
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	79,839
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	510



population: 1,115 pupils  
size (sq. ft.): 235,370 new

# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** Cosentini Associates, Inc.

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Hingham Middle School

1103 Main Street  
Hingham, MA 02043

Rockwood Edwards, P.E.

Ai3 selected Cosentini as their code consultant for this new 1,020 pupil middle school constructed directly adjacent to the existing school.

- Multiple school projects **completed simultaneously** for the Town of Hingham (three elementary schools)
- Accomplished **phased-occupied construction** where existing building was only 15 feet from the new project
- Existing school remained **fully functional** due to planned phasing
- Blend of traditional/classical architecture and a modern **21<sup>st</sup> Century educational environment** in an MSBA Model School
- Smaller footprint for increased enrollment while **preserving site**
- PK-5 versus PK-6 educational planning study that also included **5-8 versus 6-8 middle school evaluation**

c. Client's Name, Address, And Phone Number

### Hingham Public Schools

220 Central Street  
Hingham, MA 02043

Name Of Contact Person

Roger Boddie, Former Principal  
(617) 840-2826  
[rboddie@kbaarchitects.com](mailto:rboddie@kbaarchitects.com)

d. Completion Date (Actual Or Estimated)

May 1, 2014 (building)  
July 1, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

49,209

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

5.75



population: 1,020 pupils  
size (sq. ft.): 176,385 new



## About Hingham Middle School

The new Hingham Middle School represents a repeat client for the team of Ai3 Architects and Cosentini Associates, who have worked together on 100% of Ai3's school projects and continue to do so. Together they have accomplished four phased-occupied construction projects in the Town of Hingham alone, completing all three elementary schools projects simultaneously, prior to being selected as the designer for the new middle school project. The planning process included the evaluation of a 5-8 middle school model and a 6-8 middle school model. Ultimately, Hingham adopted a 6-8 model with the elementary schools remaining as PK-5.

Located on the same site, the new Hingham Middle School had to be carefully positioned to avoid disrupting continued operation of the existing middle school. The outdated existing middle school (circa 1960) could not be demolished until completion of the new building, which meant that careful construction phasing and site organization was critical. The new middle school was to be constructed within a very limited site area without impacting the ongoing use of parking, auto circulation, pedestrian circulation, and the playfields. In addition, the introduction of subsurface ground improvements involving rammed aggregate piers to support the new building had to be carefully executed while the adjacent existing school was occupied. The result is a 176,385 sq. ft. facility for 1,020 students in grades 6-8, which includes a full theatrical auditorium, distance learning theater, fitness center, and gymnasium. The three-story academic wing is strategically organized to place each grade level on a separate floor, with equal access to core facilities, so that every student feels incorporated into a neighborhood. Given the intricacies of the site, the project is laid out with a compact building footprint that utilizes an interior courtyard to bring natural light into all classrooms, plus sustainable strategies.

Today, Hingham Middle School is a superior learning environment because it considers the educational, social, and psychological needs of a student during a period of much physical, mental, and emotional change. This is a result of Ai3's communication with the community through social media, shared video animations, televised forums, and public presentations.



# Section 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.

**Sub-Consultant Name:** **Cosentini Associates, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Beverly Middle School

7 Sohier Road  
Beverly, MA 01915

Rockwood Edwards, P.E.

Ai3 selected Cosentini for code consulting services. Scope included review of project documentation for compliance with the fire and life safety requirements of the Massachusetts State Building Code.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

Rockwood Edwards, P.E.

Ai3 selected Cosentini for code consulting services. Scope included review of project documentation for compliance with the fire and life safety requirements of the Massachusetts State Building Code.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

## Abington Co-Located Pre-K/Middle/High School

201 Gliniewicz Way  
Abington, MA 02351

Rockwood Edwards, P.E.

Ai3 selected Cosentini for code consulting services. Scope included review of project documentation for compliance with the fire and life safety requirements of the Massachusetts State Building Code.

- Innovative **middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Promotion of **student display and exhibit**
- Planning of transition from 6-8 middle school to **5-8 middle school**
- **Project-based learning** labs and **student collaboration** space
- **Flexible learning environment**

c. Client's Name, Address, And Phone Number	<b>Beverly Public Schools</b> 502 Cabot Street Beverly, MA 01915
Name Of Contact Person	Steven Hiersche, Superintendent (978) 921-6100 x712 <a href="mailto:shiersche@beverlyschools.org">shiersche@beverlyschools.org</a>
d. Completion Date (Actual Or Estimated)	June 15, 2018
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	91,263
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	8.25



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number	<b>SBRHS Building Committee</b> 25 Saddlebrook Terrace Somerset, MA 02726
Name Of Contact Person	Richard Fenstermaker, Chairman (508) 646-1157 <a href="mailto:richfenstermaker@aol.com">richfenstermaker@aol.com</a>
d. Completion Date (Actual Or Estimated)	June 20, 2014 (building) October 2, 2015 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	70,139
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	4.75



population: 1,000 pupils  
size (sq. ft.): 222,826 new

c. Client's Name, Address, And Phone Number	<b>Abington Public Schools</b> 171 Adams Street Abington, MA 02351
Name Of Contact Person	Peter Schafer, Superintendent (781) 982-2150 <a href="mailto:peterschafer@abingtonps.org">peterschafer@abingtonps.org</a>
d. Completion Date (Actual Or Estimated)	November 16, 2017
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	79,839
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	7.25



population: 1,115 pupils  
size (sq. ft.): 235,370 new

# Section 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.

**Sub-Consultant Name:** **Welch Associates Land Surveyors, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Cunniff Elementary School**  
246 Warren Street  
Watertown, MA 02472

Pamela M. Welch

Ai3 selected Welch Associates as their consultant for topographical, utility, and boundary survey services, provided during both the Feasibility/Schematic phase (Phase I) and the Design/Construction phase (Phase II), for all three Watertown Elementary Schools (Cunniff, Hosmer, and Lowell).

- Master Planning of multiple schools across all grade levels
- PK-5 versus PK-6 evaluation with middle school grade configuration impacts
- Renovation versus new construction analysis
- Net-Zero design and building goals

c. Client's Name, Address, And Phone Number

**Town of Watertown**

149 Main Street  
Watertown, MA 02472

Name Of Contact Person

Mark S. Sideris, SBC Chairman  
(617) 827-2996 (cell)  
[msideris@watertown-ma.gov](mailto:msideris@watertown-ma.gov)

d. Completion Date (Actual Or Estimated)

September 2023 (building)  
September 2024 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

38,093

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

33.4



population: 385 pupils  
size (sq. ft.): 79,883 new



## About Cunniff Elementary School

Ai3's relationship with the Town of Watertown began with a comprehensive review of two prior planning documents and the development of a master plan to address all school facilities. We were then selected to begin specific feasibility and schematic design efforts at each of the three Watertown Elementary Schools. The Cunniff Elementary School feasibility study began with the creation of multiple conceptual options ranging from renovation and expansion of the existing building to an "all new" facility on the existing site. Subsequent to the completion of the options, Ai3 facilitated neighborhood meetings, public forums, and various opportunities to gather input from neighbors, community members, educators, committees, town officials, town departments, and town boards. After spending several months reviewing an analysis of the benefits of an "all new" facility versus a renovation and expansion of the existing building, it was determined that a new school could preserve more green space, provide a better educational environment, meet LEED Gold status, achieve Net-Zero energy usage, and accomplish numerous other educational, environmental, community, and neighborhood goals at only a small incremental additional cost.



The newly proposed Cunniff Elementary School includes a compact three-story building footprint, allowing it to be a much larger facility than the existing school but simultaneously have a much smaller building footprint. The organization of the building form and mass reduces the overall building envelope while creating a large roof platform for photovoltaics. The exterior building envelope includes a combination of metal and recycled wood/plastic components to create a "green" exterior building shell which can be easily repaired/replaced on a 40-50 year cycle and be fully recyclable in the future. The interior educational environment eliminates traditional corridors by creating a central zone of collaborative student study, work, and exhibit space; around which all classrooms can be organized. Specialized two-story volumes like the art room, learning commons, and media center are organized adjacent to open stairways and exterior walls to allow transparency and daylight to flow through all volumes simultaneously. Additional "flex classrooms" are incorporated into the educational environment to address the future evolution of specialized science, language, and lab space necessary to accommodate an evolving and forward-thinking educational program. The proposed new school will accommodate 385 students in grades K-5 and will include approximately 80,000sf of educational and community program space.



# Section 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.

**Sub-Consultant Name:** Welch Associates Land Surveyors, Inc.

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Beverly Middle School**  
7 Sohler Road  
Beverly, MA 01915  
  
Pamela M. Welch

Ai3 Architects, LLC selected Welch Associates Land Surveyors to perform topographic/utility/boundary surveys for the design team to use in the design of major building and site improvements.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller “schools-within-the-school”**, each “school” containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

**Sterling Middle School**  
444 Granite Street  
Quincy, MA 02169  
  
Pamela M. Welch

Ai3 Architects, LLC selected Welch Associates Land Surveyors to perform topographic/utility/boundary surveys for the design team to use in the design of major building and site improvements.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Construction on a **very small urban site** within a densely populated residential neighborhood
- Compact building footprint to **increase available site area**
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration** zones
- **Professional learning environment** for students and teachers

**Kennedy Middle School**  
165 Mill Street  
Natick, MA 01760  
  
Pamela M. Welch

Ai3 Architects, LLC selected Welch Associates Land Surveyors to perform topographic/utility/boundary surveys for the design team to use in the design of major building and site improvements.

- Innovative **5th through 8th middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- **Hands-on learning** labs and experiences
- **Multi-zone academic classrooms**
- **“Open” internal environment** with limited corridors
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number	<b>Beverly Public Schools</b> 502 Cabot Street Beverly, MA 01915
Name Of Contact Person	Steven Hiersche, Superintendent (978) 921-6100 x712 <a href="mailto:shiersche@beverlyschools.org">shiersche@beverlyschools.org</a>
d. Completion Date (Actual Or Estimated)	March 30, 2018
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	91,263
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	32



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number	<b>Quincy Public Schools</b> 34 Coddington Street Quincy, MA 02169
Name Of Contact Person	Richard DeCristofaro, Superint. (617)984-8700 <a href="mailto:richarddecristofaro@quincypublicschools.com">richarddecristofaro@quincypublicschools.com</a>
d. Completion Date (Actual Or Estimated)	March 2019 (building) August 2019 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	47,235
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	20



population: 430 pupils  
size (sq. ft.): 95,732 new

c. Client's Name, Address, And Phone Number	<b>Natick Public Schools</b> 13 East Central Street Natick, MA 01760
Name Of Contact Person	Anna Nolin, Superintendent (508) 647-6500 <a href="mailto:anolin@natickps.org">anolin@natickps.org</a>
d. Completion Date (Actual Or Estimated)	August 23, 2022
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	89,131
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	65



population: 1,000 pupils  
size (sq. ft.): 183,620 new

# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** **Andelman & Lelek Engineering, Inc.**

**a. Project Name And Location;** **East Elementary School**  
 2 Collins Street  
 Hingham, MA 02043

**b. Brief Description Of Project And Services (Include Reference To Relevant Experience)**  
 Ai3 selected A&L as their energy and sustainable design consultant for the new 91,350 sq. ft., 630-pupil elementary school.

- PK-5 versus PK-6 educational planning study that also included **5-8 versus 6-8 middle school evaluation**
- Multiple elementary school projects **completed simultaneously** for the Town of Hingham (East, Foster, and Plymouth River)
- Accomplished **phased construction** planning for the renovations of two of the three elementary schools (Foster & Plymouth River)
- A **fast-track schedule** for design and construction
- MA-CHPS Certified **Green School**
- Innovative, flexible, and **forward-thinking** school design

<b>c. Client's Name, Address, And Phone Number</b>	<b>Town of Hingham</b> 220 Central Street Hingham, MA 02043
<b>Name Of Contact Person</b>	Mary Mahoney, Owner's P.M. (617) 778-0937 <a href="mailto:MaryMahoney@hillintl.com">MaryMahoney@hillintl.com</a>
<b>d. Completion Date (Actual Or Estimated)</b>	July 24, 2009
<b>e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)</b>	21,883
<b>e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible</b>	22.8



population: 630 pupils  
 size (sq. ft.): 91,350 new



## About East Elementary School

The New East Elementary School in Hingham was one of the first new elementary schools constructed in Massachusetts to be Green Certified by the Massachusetts Collaborative for High Performance Schools. The 21<sup>st</sup> Century educational facility integrates seamlessly into the historic residential neighborhood and includes space for 630 PK-5 pupils on a 12.0 acre site nestled within a well-established colonial Hingham neighborhood.

The project includes solar thermal renewable energy technologies, a gray water collection system, and many other green features. The two-story, 91,350 sq. ft. facility provides an "unequaled" learning environment by successfully incorporating green, sustainable, technological, and educational strategies for teaching, planning, learning, and student socialization.

Ai3 collaborated with the Town of Hingham on many other projects including renovations to the William L. Foster Elementary School and Plymouth River Elementary School, as well as the new Hingham Middle School. The planning process included the evaluation of a 5-8 middle school model and a 6-8 middle school model. Ultimately, Hingham adopted a 6-8 model with the elementary schools remaining as PK-5.

The elementary school design provides a superior learning environment through thoughtful implementation of natural daylighting strategies, enhanced classroom acoustic techniques, and indoor air quality measures. Ai3 utilized community workshops to energize the local community regarding the educational opportunities that would be present in their new 21<sup>st</sup> Century elementary school, establishing long-lasting relationships with various Town departments and agencies.



# Section 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.

**Sub-Consultant Name:** **Andelman & Lelek Engineering, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Nathan Bishop Middle School**  
101 Sessions Street  
Providence, RI 02906

Magda Lelek

Ai3 selected A&L as their energy and sustainable design consultant for the transformation of an historic 1929 school into a modern 21<sup>st</sup> Century educational environment. Ai3 subsequently completed the Study, Programming, Design, and Construction Administration.

- Transformation of an **historic building** into an award-winning **21<sup>st</sup> Century educational environment**
- Project completed on a **very small urban site**
- Focus on maximizing available (**limited**) **budget** for the project
- Area with **historic context** for both neighborhood and building
- National **award-winning** project for achieving **“Green Building”** status within the renovation of a historic building

c. Client's Name, Address, And Phone Number

**City of Providence**  
25 Dorrance Street  
Providence, RI 02903

Name Of Contact Person

Alan Sepe, Director of Public Property  
(401) 421-7740

d. Completion Date (Actual Or Estimated)

September 3, 2009

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

27,893

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

23

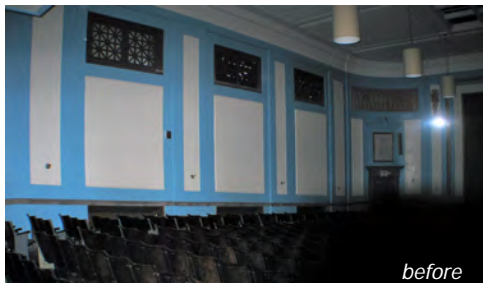


population: 750 pupils  
size (sq. ft.): 133,150 renovated



## About Nathan Bishop Middle School

The Nathan Bishop Middle School is included herein because it involved the renovation of a deficient 20th Century school building into a revitalized 21<sup>st</sup> Century educational facility. This 1929 building began its life as a school but was re-purposed by the City during a period of declining enrollment, only to remain vacant for several years after. It is a steel-framed, brick-veneered, slate-roofed building with many historic details and characteristics. Ai3 was selected to complete a comprehensive study of the building and site for purposes of determining how to achieve the most educationally-sound and cost-effective option that would ultimately best serve the middle school populace. Full demolition, renovation/addition, and new construction options were all evaluated subsequent to conducting numerous community forums. Ultimately, Ai3 developed a collaborative solution with the City, community, School Department, and Providence Preservation Society that would retain the historic character of the existing school building without compromising modern educational amenities. Inherent architectural features, like the arched windows expressed on the façade and the coffered ceiling of the original auditorium, were restored rather than replaced. Care was taken to integrate the building systems that had been added over time, such as plumbing and fire protection, within the walls, rather than keeping them exposed. A comprehensive renovation allowed for expanded community access and use, enhanced performing arts opportunities after rehabilitation of the existing auditorium, improvement of the single-story library into a double-height media center with integrated technologies, and the conversion of previously outdated classrooms into quality learning environments equipped with updated technology and building systems – all composed within the 1929 shell.



The City of Providence and the local community also established very rigid goals for creating a “green” project that complied with the most recent guidelines established by the Northeast Collaborative for High Performance Schools (NE-CHPS). These guidelines include energy performance criteria and sustainability goals that are consistent with those established by LEED. As the energy and sustainable design consultant on the project, Andelman & Lelek Engineering was able to help Ai3 achieve these “green” goals. The final building program is approximately 133,150 square feet and includes space for approximately 750 students. The design, approval, and permitting of the project was completed in approximately 10 months with construction beginning May of 2008 and occupancy taking effect in the Fall of 2009.

# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** **Andelman & Lelek Engineering, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Beverly Middle School**  
7 Sohler Road  
Beverly, MA 01915

Ai3 selected A&L as their energy and sustainable design consultant for the new Beverly Middle School. Services included computer model of building energy consumption, complete LEED energy analysis, and a utility incentive study for NGrid.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

Magda Lelek

**Somerset-Berkley Regional High School**  
625 County Street  
Somerset, MA 02726

Ai3 selected A&L as their energy and sustainable design consultant for the new Somerset-Berkley Regional High School. Services included cost savings analysis for various energy conservation measures, overall energy consumption evaluation, and utility incentive analysis.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

Magda Lelek

**Sterling Middle School**  
444 Granite Street  
Quincy, MA 02169

Ai3 selected A&L as their energy and sustainable design consultant for the new Sterling Middle School. Services included computer energy modeling and energy efficiency consulting related to LEED certification and utility incentive study.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Construction on a **very small urban site** within a densely populated residential neighborhood
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration** zones

Magda Lelek

c. Client's Name, Address, And Phone Number  
**Beverly Public Schools**  
502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person  
Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)  
June 15, 2018

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)  
91,263

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible  
69



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number  
**SBRHS Building Committee**  
25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person  
Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)  
June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)  
70,139

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible  
37.1



population: 1,000 pupils  
size (sq. ft.): 222,826 new

c. Client's Name, Address, And Phone Number  
**Quincy Public Schools**  
34 Coddington Street  
Quincy, MA 02169

Name Of Contact Person  
Richard DeCristofaro, Superint.  
(617)984-8700  
[richarddecristofaro@quincypublicschools.com](mailto:richarddecristofaro@quincypublicschools.com)

d. Completion Date (Actual Or Estimated)  
March 2019 (building)  
August 2019 (site)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)  
47,235

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible  
31.6



population: 430 pupils  
size (sq. ft.): 95,732 new



# Section 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.

**Sub-Consultant Name:** **New Vista Design**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Boston College High School - Cadigan Hall**  
150 Morrissey Blvd.  
Boston, MA 02125

David Stephen, AIA  
Educational Visioning & Programming

Ai3 Architects, LLC selected New Vista Design to assist in the educational programming and vision for the Study, Planning, Design, and Construction Administration of multiple projects on the Boston College High School campus.

- Updated a **1960s campus** with **modern renovations** to existing spaces and an **innovative** connector building addition
- Accomplished **phased-occupied construction** where addition was constructed in between two functioning buildings
- New **presentation, socialization, and group study spaces** created
- Multiple **projects completed for the same client**
- A **fast-track schedule** for design and construction

c. Client's Name, Address, And Phone Number

**Boston College High School**  
150 Morrissey Blvd.  
Boston, MA 02125

Name Of Contact Person

Brian Maher, Exec. Dir. (Tech.)  
(617) 436-3900  
[maher@bchigh.edu](mailto:maher@bchigh.edu)

d. Completion Date (Actual Or Estimated)

November 2013

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

10,123

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

4.8



population: 1,588 pupils  
size (sq. ft.): 26,451 addition



## About

### Boston College High School - Cadigan Hall

Ai3, along with New Vista Design, has worked with Boston College High School for many years on master planning, renovations of existing facilities, and program expansion projects. In a site as densely populated as Boston, balancing use of the available land for building while retaining an open campus feel is important, sometimes requiring creative solutions. One such solution is Cadigan Hall, a 26,451 sq. ft. addition that serves as a bridge between the two existing, main academic buildings. Located within the heart of the BC High campus, Cadigan Hall sits on a previously unoccupied outdoor courtyard space. By intelligently inserting Cadigan Hall into the constrained courtyard area, BC High received new art facilities, music classrooms, academic classrooms, a drama performance studio, group instructional theater, practice gymnasium, and student activities area in its place, without compromising the widely-used field space on campus. The enclosure of Cadigan Hall now has a presence on the site, and draws students in with its irregular façade and well-landscaped entry. This project also called for green/sustainable strategies, which Ai3 is always conscious of in all of its projects. Incorporating the outdoor surroundings as an additional educational tool broadens a student's understanding of the effects that the built environment has on the natural one.

In addition, current projects (renovations and new construction) within the campus include a Center for Academic Excellence, Fitness Center, Innovation Center, and Administration core – over 250,000 sq. ft. of educational space. The renovation projects provide economical and educationally-appropriate upgrades, and the expansion projects are carefully planned to provide seamless integration with any existing building floor plan. Keeping the BC High community engaged in the projects through presentations and virtual models created by the design team have contributed to the positive, continued development of the campus.

# Section 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.

**Sub-Consultant Name:** **New Vista Design**

- a. Project Name And Location; Principal-In-Charge
- b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Beverly Middle School

7 Sohier Road  
Beverly, MA 01915

David Stephen, AIA  
Educational Visioning & Programming

Ai3 selected New Vista Design as their Educational Programmer for the new Beverly Middle School. New Vista facilitated a comprehensive educational visioning and programming process with Beverly's District Leadership Team. The process included the articulation of learning goals, guiding principles for design, desired 21st Century design patterns, and key spaces and adjacencies. New Vista also worked with Beverly faculty members to vet and expand upon the work of the District Leadership Team. A clear priority for the District was to create a strong 21st Century educational program with a focus on STEM, the Arts (STEAM), and project-based learning.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Constructed on **existing school site** with limited available area

## Kennedy Middle School

165 Mill Street  
Natick, MA 01760

David Stephen, AIA  
Educational Visioning & Programming

Ai3 selected New Vista Design as their Educational Programmer for the new Kennedy Middle School. New Vista facilitated an educational visioning and programming process with the Kennedy Educational Working Group. The Kennedy program emphasizes STEM learning as well as enrichment programming such as the arts, performing arts, life sciences, and aquaponics.

- Innovative **5th through 8th middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- **"Open" internal environment** with limited corridors
- LEED Silver **Green School**

## Sterling Middle School

444 Granite Street  
Quincy, MA 02169

David Stephen, AIA  
Educational Visioning & Programming

Ai3 selected New Vista Design as their Educational Programmer for the new Sterling Middle School. New Vista facilitated an educational visioning and programming process with the Sterling Educational Working Group. The Sterling program emphasizes interdisciplinary learning and real connections to 21st Century skills such as critical thinking, collaboration, communication, and creativity.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration** zones

c. Client's Name, Address, And Phone Number

### Beverly Public Schools

502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person

Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)

June 15, 2018

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

91,263

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

16



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number

### Natick Public Schools

13 East Central Street  
Natick, MA 01760

Name Of Contact Person

Anna Nolin, Superintendent  
(508) 647-6500  
[anolin@natickps.org](mailto:anolin@natickps.org)

d. Completion Date (Actual Or Estimated)

August 23, 2022

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

89,131

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

4



population: 1,000 pupils  
size (sq. ft.): 183,620 new

c. Client's Name, Address, And Phone Number

### Quincy Public Schools

34 Coddington Street  
Quincy, MA 02169

Name Of Contact Person

Richard DeCristofaro, Superint.  
(617)984-8700  
[richarddecristofaro@quincypublicschools.com](mailto:richarddecristofaro@quincypublicschools.com)

d. Completion Date (Actual Or Estimated)

March 2019 (building)  
August 2019 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

47,235

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

6



population: 430 pupils  
size (sq. ft.): 95,732 new



# Section 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.

**Sub-Consultant Name:** Wil-Spec, LLC

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Lynnfield Middle School

505 Main Street  
Lynnfield, MA 01940

Robert R. Wilkinson

Ai3 Architects, LLC selected Wil-Spec, LLC as their technical specifications writer for the Planning, Design, and Construction Administration of the new 687 pupil, 5<sup>th</sup> through 8<sup>th</sup> grade middle school.

- Multiple school projects **completed simultaneously** for the Town of Lynnfield (two elementary, one middle, & one high school)
- Planning of a dedicated 5<sup>th</sup> grade **elementary school academy** within the middle school building
- Accomplished **phased-occupied construction** where existing building remained operational only 20 feet from the new project
- Compact building footprint to **increase available site area**
- Academic team areas with **flexible classrooms** and adjacent small and large **group support areas**

c. Client's Name, Address, And Phone Number

**Heery International (OPM)**  
80 Blanchard Road, Suite 108  
Burlington, MA 01803

Name Of Contact Person

Thomas E. Ellis, Jr.  
(781) 494-9000  
[tellis@heery.com](mailto:tellis@heery.com)

d. Completion Date (Actual Or Estimated)

April 15, 2003

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

18,329

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

9.8



population: 687 pupils  
size (sq. ft.): 114,195 new



## About Lynnfield Middle School

The new 687-pupil Lynnfield Middle School began with a feasibility study which compared various options for renovation/expansion to alternative options for new construction. Ultimately, the Town of Lynnfield selected an option which included constructing a new facility on a very restrictive site which already included playfields, wetlands, abutter setbacks, and the existing middle school. Ai3 Architects worked through multiple site placement options and satisfied all criteria, including the need to disturb only a small four-acre parcel with the new school construction.

The final solution is a beautifully sited building, which blends wonderfully with the rich colonial architecture of the Town. The 114,195 sq. ft. building is a successful colonial archetype that not only respects classical laws of proportioning, but also alludes to a contemporary response. Through the strategic manipulation and placement of the Library Media Center, Cafeteria, and Main Entry, the building appears as an assemblage of smaller colonial buildings with the appropriate scale, detail, and proportions.

Ai3 worked collaboratively with Tom Ellis of Heery International (Owner's Project Manager) throughout all phases of feasibility, design, and construction, including project communications through public forums and presentations.

The completed project is a source of civic pride for the Town, and a model of 21<sup>st</sup> Century Middle School education for the School Department.

# Section 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.

**Sub-Consultant Name:** Wil-Spec, LLC

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Wilson Middle School

22 Rutledge Road  
Natick, MA 01760

Robert R. Wilkinson

Ai3 Architects, LLC selected Wil-Spec, LLC as their technical specifications writer for the Planning, Design, and Construction Administration of the new 850 pupil, 5<sup>th</sup> through 8<sup>th</sup> grade middle school.

- Designed **multiple school projects** for the Town of Natick (one elementary, two middle (Kennedy & Wilson), and one high school)
- Planning of a dedicated 5<sup>th</sup> grade **elementary school academy** within the middle school building
- Accomplished **phased-occupied construction** where existing building was close to the new project
- Compact building footprint to **increase available site area**
- Academic team areas with **flexible classrooms** and adjacent small and large **group support areas**

c. Client's Name, Address, And Phone Number

**Natick Public Schools**  
13 East Central Street  
Natick, MA 01760

Name Of Contact Person

James Connolly, Former Superintendent of Schools  
(774) 270-2934

d. Completion Date (Actual Or Estimated)

July 15, 2003

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

21,259

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

11.3



population: 850 pupils  
size (sq. ft.): 134,540 new



## About Wilson Middle School

The Wilson Middle School project in Natick represents Ai3's ability to work collaboratively with the district on educational visioning, programming, and design as they sought to re-organize their approach to middle school education. It also included significant collaboration with the surrounding neighborhoods, as well as engagement of the entire community in supporting a debt exclusion vote for funding of the project. The final proposed solution included the construction of a new facility on a restrictive 13.0 acre site that included surrounding wetlands, complicated commercial zoning setback requirements, residential abutters, commercial abutters, and an existing middle school that would remain in operation throughout the duration of construction. The combined restrictions resulted in an allowable project area of approximately 4.0 acres.

The Wilson Middle School is an 850-pupil school for grades 5, 6, 7, and 8. The educational program required that the population be divided into grade-level academic teams with some level of separation between the 5/6 and 7/8 academies in order to respect the physical, emotional, and developmental differences within these two student groups. It also called for an organization that would support the existence of the 5th grade as an independent transitional academy, as the 5th grade was being moved into the middle school as part of a district-wide reorganization. The design includes academic neighborhoods which combine flexible classrooms, project labs, internal courtyards, and science labs into a contiguous and highly connected team area. The project included the need to preserve neighborhood green space, improve connectivity to the neighborhood, and strengthen connections between the middle school and the nearby elementary school.

The design program includes an "Arts Center" which organizes the performing and visual arts around a central core which includes a secondary Main Entry and dedicated Lobby. These amenities are located in close proximity to the arrival points in order to allow ease of access for community groups as well as students from the nearby elementary school.

Due to the site restrictions previously mentioned, the new facility had to be constructed directly adjacent (10 feet) to the existing school building and required careful planning to insure that safety, circulation, noise, dust, and security issues were all addressed within the provisions of the construction contract.



# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** Wil-Spec, LLC

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Beverly Middle School**  
7 Sohier Road  
Beverly, MA 01915  
  
Robert R. Wilkinson

Ai3 selected Wil-Spec to write construction specifications, provide product, LEED, and construction technical advisory services, and coordinate project specifications with other consultants.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

**Somerset-Berkley Regional High School**  
625 County Street  
Somerset, MA 02726  
  
Robert R. Wilkinson

Ai3 selected Wil-Spec to write construction specifications, provide product, LEED, and construction technical advisory services, and coordinate project specifications with other consultants.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

**Kennedy Middle School**  
165 Mill Street  
Natick, MA 01760  
  
Robert R. Wilkinson

Ai3 selected Wil-Spec to write construction specifications, provide product, LEED, and construction technical advisory services, and coordinate project specifications with other consultants.

- Innovative **5th through 8th middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- **Hands-on learning** labs and experiences
- **Multi-zone academic classrooms**
- **"Open" internal environment** with limited corridors
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number	<b>Beverly Public Schools</b> 502 Cabot Street Beverly, MA 01915
Name Of Contact Person	Steven Hiersche, Superintendent (978) 921-6100 x712 <a href="mailto:shiersche@beverlyschools.org">shiersche@beverlyschools.org</a>
d. Completion Date (Actual Or Estimated)	June 15, 2018
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	91,263
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	18.7



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number	<b>SBRHS Building Committee</b> 25 Saddlebrook Terrace Somerset, MA 02726
Name Of Contact Person	Richard Fenstermaker, Chairman (508) 646-1157 <a href="mailto:richfenstermaker@aol.com">richfenstermaker@aol.com</a>
d. Completion Date (Actual Or Estimated)	June 20, 2014 (building) October 2, 2015 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	70,139
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	19.2



population: 1,000 pupils  
size (sq. ft.): 222,826 new

c. Client's Name, Address, And Phone Number	<b>Natick Public Schools</b> 13 East Central Street Natick, MA 01760
Name Of Contact Person	Anna Nolin, Superintendent (508) 647-6500 <a href="mailto:anolin@natickps.org">anolin@natickps.org</a>
d. Completion Date (Actual Or Estimated)	August 23, 2022
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	89,131
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	17.2



population: 1,000 pupils  
size (sq. ft.): 183,620 new

# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** **Acentech, Inc.**

- a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Whitman-Hanson Regional High School

600 Franklin Street  
Whitman, MA 02382

Ioana Pieleanu

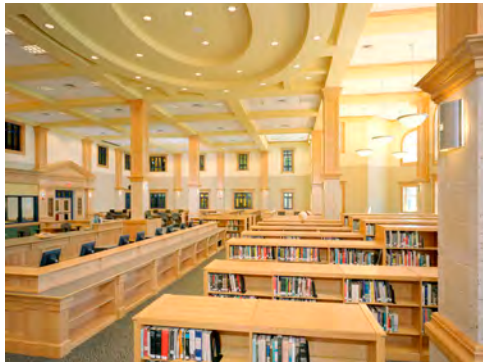
Ai3 Architects, LLC selected Acentech, Inc. as their acoustical consultant for the Master Planning, Design, and Construction Administration of the new 1,350 pupil Whitman-Hanson Regional High School.

- Design of **sophisticated performance/exhibit spaces** with complex acoustical requirements, such as TV studios, performance auditorium, and distance learning theatre
- Accomplished **phased-occupied construction** on same site as existing building, which was in **full operation during construction**, using planned sequencing to insure separation
- First school project selected by the MSBA as a **"Model School"**
- The **first Green School in MA**, with grant awards through the Massachusetts Technology Collaborative pilot program

c. Client's Name, Address, And Phone Number	<b>Whitman-Hanson RHS</b> 600 Franklin Street Whitman, MA 02382
Name Of Contact Person	Ernie Sandland, Facilities Mgr. (781) 618-7435 <a href="mailto:Ernest.sandland@whrsd.k12.ma.us">Ernest.sandland@whrsd.k12.ma.us</a>
d. Completion Date (Actual Or Estimated)	July 5, 2005 (building) June 1, 2006 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	41,879
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	6



population: 1,350 pupils  
size (sq. ft.): 239,400 new



## About Whitman-Hanson Regional High School

The 1,350-pupil Whitman-Hanson Regional High School project began with two simple but lofty goals: 1) "Design a model for 21<sup>st</sup> Century social and academic teaching and learning which responds to the most recent advancements in teaching, learning, technology, and social behavior"; and 2) "Review the history of the Towns of Whitman and Hanson and create a building which celebrates this history in a manner which instills pride and ownership in the citizens of both Towns."

The final product is an educational facility that incorporates numerous unique organizational strategies, learning environments, and technological advancements never before fully integrated into a high school environment. These advancements include: 1) Facilitative Learning Classrooms – the typical academic classroom includes a built-in facilitator station which allows the teacher to have access to all of the integrated technological tools within the classroom from a single-touch control panel. Computer driven interactive white boards, LCD projectors, document scanners, CPUs, and video devices are all available at this central control panel; 2) Performance & Distance Learning Theater – "true" distance learning requires the design of an acoustically-appropriate space and the technology to deliver "real time" streaming of voice, video, and data; 3) Cyber Café for Collaborative Teacher Planning – these areas combine departmental reference materials, teacher work and planning areas, laptop computer "docking" stations, conference rooms, storage areas, and kitchenettes into a collective planning area which encourages collaborative planning and social interaction; 4) Departmental Presentation and Interactive Instruction Kiosks – the student circulation through the building requires each student to pass through departmental "zones" which include display kiosks, plasma screens, and data transmission to allow for student interaction.

In order to satisfy the goal of incorporating the Towns' histories within the new high school, the "Main Street" corridor or hallway within the school incorporates many historical references from within the Towns. It becomes a "museum" for the display of artifacts, plaques, and historical references. Even the architecture of this space includes references to key developments in Whitman and Hanson history.

The new facility was constructed on the existing Whitman-Hanson High School site, therefore requiring that the project be phased and that the entire site be occupied by faculty, students, and staff throughout the duration of construction. This required specific and detailed phasing documents with detailed provisions on noise, safety, security, scheduling, traffic, parking, and numerous other precautions.

Ultimately, the project has become an enormous success which not only achieved the established goals, but exceeded the Owner's highest expectations.



# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** **Acentech, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Beverly Middle School

7 Sohler Road  
Beverly, MA 01915

Ioana Pieleanu

Ai3 Architects, LLC selected Acentech, Inc. to provide a full range of acoustical consulting services for the new Beverly Middle School. Areas of focus included labs, a media center, music rooms, administrative support spaces, and special education classrooms.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

Ioana Pieleanu

Ai3 Architects, LLC selected Acentech, Inc. to provide a full range of acoustical consulting services for the new Somerset-Berkley Regional High School. Areas of focus included typical classrooms, labs, music rehearsal spaces, and a media center.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

## Kennedy Middle School

165 Mill Street  
Natick, MA 01760

Ioana Pieleanu

Ai3 Architects, LLC selected Acentech, Inc. to provide a full range of acoustical consulting services for the new Kennedy Middle School. Areas of focus include technology education spaces, a 500-seat auditorium, student common spaces, and music rehearsal classrooms.

- Innovative **5th through 8th middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- **Hands-on learning** labs and experiences
- **"Open" internal environment** with limited corridors
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

### Beverly Public Schools

502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person

Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)

June 15, 2018

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

91,263

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

34.6



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number

### SBRHS Building Committee

25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person

Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)

June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

70,139

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

15



population: 1,000 pupils  
size (sq. ft.): 222,826 new

c. Client's Name, Address, And Phone Number

### Natick Public Schools

13 East Central Street  
Natick, MA 01760

Name Of Contact Person

Anna Nolin, Superintendent  
(508) 647-6500  
[anolin@natickps.org](mailto:anolin@natickps.org)

d. Completion Date (Actual Or Estimated)

August 23, 2022

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

89,131

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

35



population: 1,000 pupils  
size (sq. ft.): 183,620 new

# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** Point Line Space, Inc.

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**East Providence High School**  
 2000 Pawtucket Avenue  
 East Providence, RI 02914  
 Peter S. Constable

Ai3 Architects, LLC selected Point Line Space, Inc. to provide FF&E services for the new East Providence High School.

- Design and construction of **new facility on an existing occupied school site**
- Integrate **collaboration spaces** that removes traditional corridors
- Advanced **performing arts complex**
- **Hands-on learning spaces** integrated with academics

c. Client's Name, Address, And Phone Number	<b>East Providence SD</b> 145 Taunton Avenue East Providence, RI 02914
Name Of Contact Person	Craig T. Enos, Dir. of Finance (401) 383-2224 <a href="mailto:cenos@epschoolsri.com">cenos@epschoolsri.com</a>
d. Completion Date (Actual Or Estimated)	June 2021 (building) August 2022 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	202,266
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	174



population: 1,600 pupils  
 size (sq. ft.): 310,000 new



## About East Providence High School

The new 310,000sf East Providence Comprehensive High School (EPHS), which accommodates 1,600 pupils in grades 9-12, is a progressive and innovative approach to comprehensive high school education, combining rigorous academics with career-based pathways. East Providence envisioned a high-tech, comprehensive, academically inclusive environment which provides collaboration space outside the specific and traditional confines of the classroom. The administrators, faculty, and staff at EPHS believe this concept of student freedom and student collaboration space is critical to facilitating their desired educational climate and plays an equally important role in influencing school culture. In order to foster this kind of environment, the teachers, students, administrators, and district leadership required that large and small group collaboration space be included to support this instructional model. The collaboration space includes zones directly adjacent and fully accessible to the classrooms which allow students to work and study independent and simultaneous to the ongoing classroom instruction. Integration and collaboration among teachers and students are key components in the success of EPHS, and the new school environment is strategically organized to support such. Students learn the application of academic study by utilizing real-world trade, design, and engineering problems and challenges. The school contains an Allied Health Cluster supporting Dentistry, Nursing, and Pharmaceutical trades, Automotive and Construction Cluster, Business and Consumer Services Cluster, and standalone programs such as Graphic Design and Visual Communication, Engineering and Robotics, Computer Aided Design, and Early Education and Care. It also contains a student-run restaurant as part of the Culinary program.

The new EPHS will be the first new high school project constructed in Rhode Island in the last 16 years. The City elected to build an "all new" facility on the existing site, demolishing the current building following completion. The new school will be placed between the existing school and the existing football stadium and will be constructed while the current school and Career Technical Center remain occupied. The new school design utilizes a reduced building footprint for the 4-story high school that emphasizes vertical connections of program spaces. The administration felt strongly that the vertical floor-to-floor separation is much more beneficial and desirable than lengthy horizontal separation. The four-story high school allowed the District to place the community-based Career Technical education programs on the first two floors and "traditional" academic programs on the upper two floors.



# Section 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.

**Sub-Consultant Name:** Point Line Space, Inc.

- a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)
- King Open and Cambridge Street Upper Schools**  
Cambridge, MA
- Furniture and equipment, layouts, selection and procurement.  
Technology design, selection and procurement.

Peter S. Constable

## B.M.C. Durfee High School

360 Elsbree Street  
Fall River, MA 02720

Peter S. Constable

- Ai3 Architects, LLC selected Point Line Space, Inc. to provide services for furniture and equipment, layouts, selection, and procurement for the new and renovated high school project.
- Innovative **comprehensive technical high school** environment with many **specialized spaces**
  - Phased-occupied construction** and renovation
  - Development of a **larger school** with a **smaller footprint**
  - Large site planning program with **multiple playfields**
  - Simplified building organizational layout**
  - Specialized Hands-on learning** labs and experiences
  - Integration of **historical elements** into the new design
  - Clearly delineated **on-site traffic patterns and distributed parking**
  - LEED Silver **Green School**

## Kennedy Middle School

165 Mill Street  
Natick, MA 01760

Peter S. Constable

- Ai3 Architects, LLC selected Point Line Space, Inc. to provide services for furniture and equipment, layouts, selection, and procurement for the new middle school.
- Innovative **5th through 8th middle school** environment
  - Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
  - Development of a **larger school** with a **smaller footprint**
  - Large site planning program, with **multiple synthetic playfields**
  - Hands-on learning** labs and experiences
  - Multi-zone academic classrooms**
  - “Open” internal environment** with limited corridors
  - LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

**WRA Architects**  
10 Post Office Sq., Suite 901  
Boston, MA 02109

Name Of Contact Person

Sindu Meier, Senior Associate  
(617) 423-3470

d. Completion Date (Actual Or Estimated)

2019

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

5,000 (FF&E / Technology budget)

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

147.4



population: N/A  
size (sq. ft.): approx. 98,000 new

c. Client's Name, Address, And Phone Number

**Fall River Public Schools**  
417 Rock Street  
Fall River, MA 02720  
Ken Pacheco, COO  
(508) 675-8420 x53704  
[kenpacheco@fallriverschools.org](mailto:kenpacheco@fallriverschools.org)

Name Of Contact Person

d. Completion Date (Actual Or Estimated)

May 31, 2021 (building)  
August 24, 2022 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

217,840

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

185.4



population: 2,570 pupils  
size (sq. ft.): 402,807 new + 98,523 renovated

c. Client's Name, Address, And Phone Number

**Natick Public Schools**  
13 East Central Street  
Natick, MA 01760

Name Of Contact Person

Anna Nolin, Superintendent  
(508) 647-6500  
[anolin@natickps.org](mailto:anolin@natickps.org)

d. Completion Date (Actual Or Estimated)

August 23, 2022

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

89,131

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

124.5



population: 1,000 pupils  
size (sq. ft.): 183,620 new

# Section 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.

**Sub-Consultant Name:** **Traverse Landscape Architects**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Plymouth North High School**  
41 Obery Street  
Plymouth, MA 02360

Kris Bradner, Principal

Ai3 Architects, LLC selected Traverse Landscape Architects as their landscape design consultant for the Study, Planning, Design, and Construction Administration of this new 1,350 pupil high school.

- Accomplished **phased-occupied construction** where existing building remained operating only 20 feet from the new project
- Plymouth, a repeat client, **completed multiple school projects** with the team of Ai3 and Traverse
- Traditional/Classical architectural aesthetic blended with a modern **21<sup>st</sup> Century educational environment**
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- LEED Gold **Green School**

c. Client's Name, Address, And Phone Number	<b>Plymouth Public Schools</b> 253 South Meadow Road Plymouth, MA 02360
Name Of Contact Person	Gary Maestas, Superintendent (508) 830-4300 <a href="mailto:gmaestas@plymouth.k12.ma.us">gmaestas@plymouth.k12.ma.us</a>
d. Completion Date (Actual Or Estimated)	June 22, 2012 (building) October 17, 2013 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	69,338
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	7.5



population: 1,350 pupils  
size (sq. ft.): 267,495 new



## About Plymouth North High School

Plymouth North High School represents a repeat client for Ai3 and Traverse who, together, were selected to complete two high schools for the Town of Plymouth, each with a distinctive program. The project also shows the team's ability to move a large, complex, fast-track project past the Town of Plymouth approval process via various Boards, Committees, Departments, and Officials. Plymouth North High School was completed on time and approximately \$7.0 million under budget, allowing the Town to add many additional amenities to the project while still completing it millions under budget. Plymouth's historic architecture provided inspiration for the exterior design, drawing from key historic buildings within the Town. "Green" design and sustainable strategies such as photovoltaics, gray-water collection, a wind turbine, and electric vehicle charging stations were of great importance to the Town. As a result, Plymouth North High School achieved LEED Gold certification, and had the proposed wind turbine been erected it would have been one of the first LEED Platinum public high schools in the country, generating all of its required electricity on-site through alternative energy sources. In addition to the high school, Ai3 and Traverse were tasked with simultaneously designing a new Plymouth Council on Aging facility that would exist on the same site. Today, the two facilities are connected by walkways to encourage interaction between the students and seniors.

Ai3 worked collaboratively with Superintendent Maestas and the Plymouth faculty and administration to create an innovative 21<sup>st</sup> Century learning environment where students witness the implementation of advanced sustainable strategies, while simultaneously learning of the science and engineering that make them possible. The project includes academic classrooms with a built-in facilitator station that allows the teacher to control all integrated technologies from a single-touch panel per classroom. These technologies include interactive white boards, LCD projectors, document scanners, CPUs, and video devices. Sound Reinforcement Systems amplify and balance the spoken voice within the room to enhance listening comprehension. The project includes a Performance & Distance Learning Theater that delivers "real time" streaming of voice, video, and data within an acoustically-conscious space. Collaborative Teacher Planning lives in the Cyber Cafe, an area that combines departmental reference materials, staff work areas, laptop computer "docking" stations, conference rooms, storage, and kitchenettes into a multi-purpose space that encourages collaborative planning and social interaction. Robotics and Engineering Laboratories where students can design, build, and exercise the practical applications of their work are also included. The school is an entirely wireless campus environment, so students can use laptops from the outdoor courtyard, or connect to the large-scale video display wall for in-house TV productions. Many amenities are available for the community as well, like the indoor walking track, artificial turf field, new stadium with track, and full performance auditorium.



# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** **Traverse Landscape Architects**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Lowell Elementary School

175 Orchard Street  
Watertown, MA 02472

Kris M. Bradner, Principal

Ai3 Architects, LLC selected Traverse Landscape Architects as their landscape architect to provide site and landscape design services for all three Watertown Elementary Schools (Cunniiff, Hosmer, and Lowell).

- Transform older facility into a 21st Century elementary school
- Master Planning of multiple schools across all grade levels
- PK-5 versus PK-6 evaluation with middle school grade configuration impacts
- Renovation versus new construction analysis
- Net-Zero design and building goals

c. Client's Name, Address, And Phone Number

### Town of Watertown

149 Main Street  
Watertown, MA 02472

Name Of Contact Person

Mark S. Sideris, SBC Chairman  
(617) 827-2996 (cell)  
[msideris@watertown-ma.gov](mailto:msideris@watertown-ma.gov)

d. Completion Date (Actual Or Estimated)

September 2023 (building)  
September 2024 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

31,724

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

1,018 (fee for all 3 Watertown Elementary Schools)



population: 470 pupils  
size (sq. ft.): 23,180 new +  
71,099 renovated



## About Lowell Elementary School

Ai3's relationship with the Town of Watertown began with a comprehensive review of two prior planning documents and the development of a master plan to address all school facilities. We were then selected to begin specific feasibility and schematic design efforts at each of the three Watertown Elementary Schools. The Lowell Elementary School feasibility study began with the creation of multiple conceptual options to address the possibilities for renovation and expansion of the existing school facility. The Lowell School sits on an historic Watertown property that includes a substantial "front lawn" within a densely populated residential neighborhood including many historic homes. Proposed modifications to the existing site required careful considerations regarding the impact to the surrounding neighborhood. Multiple student enrollments were considered, as the size of the building expansion was a critical component in determining a successful solution. Ultimately, an enrollment of 470 pupils was selected because it required a three-story addition of only 23,000sf, something that could be accomplished within a small existing parking lot. It also allowed the building floor plan to be neatly and symmetrically organized into a lower grades school and an upper grades school, with shared programs centrally located between the two schools. The new addition includes a new Learning Commons with a commanding view of the front lawn and newly established outdoor learning labs and gardens. All Watertown Elementary Schools include significant garden programs, so the integration of this program into an outdoor learning environment which is easily accessible to students became a critical component of the Lowell design. The new addition and the existing building wrap around this outdoor learning environment, which provides connectivity to the front lawn and creates a true campus feel to the site. The reorganization of the building allows for grade level teams with strong connectivity to hands-on learning opportunities. Newly created art and music program space within the existing building allow for enhanced opportunities for instruction, participation, and advanced programming options in areas like 3D art, digital media, music production, and performance. Dedicated space for teacher planning and collaboration throughout the building will greatly enhance professional practices and teacher communication. Additional "flex classrooms" are incorporated into the educational environment to address the future evolution of specialized science, language, and lab space necessary to accommodate an evolving and forward-thinking educational program. The proposed new school will include 95,000sf of educational and community program space.



# Section 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.

**Sub-Consultant Name:** **Traverse Landscape Architects**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Sterling Middle School**  
444 Granite Street  
Quincy, MA 02169  
  
Kris M. Bradner, Principal

Ai3 selected Traverse as their landscape design consultant for the Study, Planning, Design, and Construction Administration of this new 95,732 sq. ft. middle school.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Construction on a **very small urban site** within a densely populated residential neighborhood
- Compact building footprint to **increase available site area**
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration** zones
- Professional learning environment** for students and teachers

**Beverly Middle School**  
7 Sohier Road  
Beverly, MA 01915  
  
Kris M. Bradner, Principal

Ai3 selected Traverse as their landscape design consultant for this new 231,509 sq. ft. middle school. Specific emphasis on outdoor plaza and makerspace relevant to City's history.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

**Somerset-Berkley Regional High School**  
625 County Street  
Somerset, MA 02726  
  
Kris M. Bradner, Principal

Ai3 selected Traverse as their landscape design consultant for this new high school. Site design included baseball field, track, field and grandstands, renovation of existing fields, pedestrian and vehicular circulation, hardscape, landscape, phasing, detailing, and specifications.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number  
**Quincy Public Schools**  
34 Coddington Street  
Quincy, MA 02169  
  
Name Of Contact Person  
Richard DeCristofaro, Superint.  
(617)984-8700  
[richarddecristofaro@quincypublicschools.com](mailto:richarddecristofaro@quincypublicschools.com)

d. Completion Date (Actual Or Estimated)  
March 2019 (building)  
August 2019 (site)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)  
47,235

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible  
200



population: 430 pupils  
size (sq. ft.): 95,732 new

c. Client's Name, Address, And Phone Number  
**Beverly Public Schools**  
502 Cabot Street  
Beverly, MA 01915  
  
Name Of Contact Person  
Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)  
June 15, 2018

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)  
91,263

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible  
147



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number  
**SBRHS Building Committee**  
25 Saddlebrook Terrace  
Somerset, MA 02726  
  
Name Of Contact Person  
Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)  
June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands):  
Construction Costs (Actual, Or Estimated If Not Completed)  
70,139

e. Project Cost (In Thousands):  
Fee for Work for Which Firm Was Responsible  
72.5



population: 1,000 pupils  
size (sq. ft.): 222,826 new



# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** **Crabtree McGrath Associates, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**East Bridgewater Jr./Sr. High School**  
11 Plymouth Street  
East Bridgewater, MA  
02333

John Sousa

Ai3 Architects, LLC selected Crabtree McGrath Associates, Inc. as their kitchen design consultant for the Study, Planning, Design, and Construction Administration of this 950 pupil, co-located middle/high school for the Town of East Bridgewater.

- Accomplished **phased-occupied construction** where existing building remained operational only 50 feet from the new project
- Traditional/Classical architectural aesthetic blended with a modern **21<sup>st</sup> Century educational environment**
- Co-located grade 7-12 school **designed for sharing** core facilities
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- LEED Gold **Green School**

c. Client's Name, Address, And Phone Number

**Town of East Bridgewater**  
11 Plymouth Street  
East Bridgewater, MA 02333

Name Of Contact Person

Joe Naughton, OPM  
(617) 778-0900  
[josephnaughton@hillintl.com](mailto:josephnaughton@hillintl.com)

d. Completion Date (Actual Or Estimated)

August 26, 2013

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

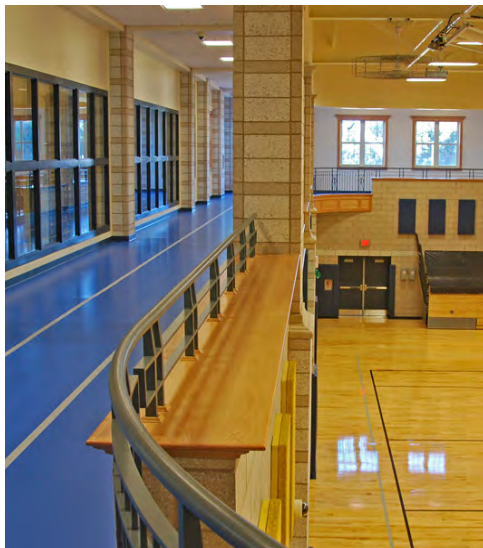
67,687

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

9.4



population: 950 pupils  
size (sq. ft.): 213,305 new



## About East Bridgewater Jr./Sr. High School

Ai3 and Crabtree McGrath have collaborated on numerous school projects throughout the Commonwealth, including the East Bridgewater Jr./Sr. High School for grades 7-12, which allowed the Town to solve multiple programmatic needs with a single new facility. The project is included herein because it represents a unique opportunity for dividing a school building into two distinct learning communities that share common core facilities and staff; one community servicing grades 7-9, and another servicing grades 10-12. The East Bridgewater Building Committee elected to conduct numerous site visits of completed facilities as part of their design firm investigation. Following these visits, the Committee selected Ai3 Architects to create "the most technologically-advanced, high-quality, energy-efficient, environmentally-conscious, educationally-innovative, cost-effective, and academically-superior middle/high school in New England". Ai3 began by analyzing multiple options, including reuse of the existing middle and high school facilities, and also by analyzing all grade levels to establish grade reconfiguration options, because the middle and high schools were not previously conjoined. After months of presentations and public discussion, the Town elected to replace the existing high school with a new middle/high school on the existing high school campus using tactical strategies for phased-occupied construction; one of the many options that were developed and reported by Ai3.

The completed facility is an innovative 21<sup>st</sup> Century learning environment where students witness the implementation of advanced sustainable strategies, while simultaneously learning of the science and engineering that make them possible. The project includes academic classrooms with a built-in facilitator station that allows the teacher to control all integrated technologies from a single-touch panel per classroom. These technologies include interactive white boards, LCD projectors, document scanners, CPUs, and video devices. Sound Reinforcement Systems amplify and balance the spoken voice within the room to enhance listening comprehension. The project includes a Performance & Distance Learning Theater that delivers "real time" streaming of voice, video, and data within an acoustically-conscious space. Collaborative Teacher Planning lives in the Cyber Cafe, an area that combines departmental reference materials, staff work areas, laptop computer "docking" stations, conference rooms, storage, and kitchenettes into a multi-purpose space that encourages collaborative planning and social interaction. Departmental Presentation and Interactive Instruction Kiosks are located throughout the building so that students circulating through these "zones" observe the work of various departments and programs. The school includes an entirely wireless campus environment, so students can use laptops from the outdoor courtyard, or connect to the large-scale video display wall for in-house TV productions. Many amenities are available for the community as well, like the indoor walking track, artificial turf field, new stadium with track, and full performance auditorium.



# Section 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.

**Sub-Consultant Name:** **Crabtree McGrath Associates, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Foxborough Regional Charter School (K-4)**

33 Commercial Street  
Foxborough, MA 02035

John Sousa

Ai3 Architects, LLC selected Crabtree McGrath Associates, Inc. as their kitchen design consultant for the Study, Planning, Design, and Construction Administration of this transformation of an existing office building into a 21<sup>st</sup> Century elementary school environment.

- Planning and programming of a **K-4 elementary charter school**
- Transformation of a **former office building** into a forward-thinking, progressive, and flexible elementary school environment
- Innovative elementary classrooms **accommodate multiple teaching styles** and strategies, with access to adjacent break-out spaces for both small and large study groups
- Full interior renovation achieved on a **very restrictive budget**
- A **fast-track schedule** for design and construction (8 months)

c. Client's Name, Address, And Phone Number	<b>FRCS</b> 131 Central Street Foxborough, MA 02035
Name Of Contact Person	Dr. Mark Logan, Exec. Director (508) 543-2508 <a href="mailto:mlogan@foxboroughrcs.org">mlogan@foxboroughrcs.org</a>
d. Completion Date (Actual Or Estimated)	August 23, 2017
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	8,717
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	2.2



population: 750 pupils  
size (sq. ft.): 79,834 renovated + 6,000 addition



## About Foxborough Regional Charter School (K-4)

The Foxborough Regional Charter School Elementary School consisted of the transformation of an existing two-story office building into a 21<sup>st</sup> Century educational environment. The project included comprehensive renovations to the existing building and an expansion to accommodate additional programmatic needs. The renovation of approximately 80,000 sq. ft. of existing building space created flexible classrooms, a media center, two student dining areas, small and large group support spaces, teacher collaboration areas, art and music facilities, and an internal landscaped courtyard. The new additions primarily consist of necessary physical education space in the form of a full-size 6,000 sq. ft. gymnasium. The existing two-story office building was located directly adjacent to the existing Foxborough Regional Charter School and allowed for an expansion of both building and site facilities to form a larger site campus. The result is more available area for students, autos, buses, and parking; relieving a previously congested campus with only one exit/entry point. The expanded campus also allows for more outdoor recreational and educational space, with walking trails and sidewalks between the previously existing campus and the newly expanded site area. The newly created 750-pupil facility provides 30 generously sized classrooms, each with a large expanse of windows bringing in an abundance of natural light and allowing views to either the surrounding woodlands or the internal landscaped courtyard.

The renovation included a reconfiguration of space to allow areas like the media center and the student dining areas to occupy a prominent central location adjacent to the internal courtyard. The academic neighborhoods were organized to create team breakout spaces between classroom clusters at each corner of the building. The site work included a new campus drive which connects the original campus to the expanded campus and also allows for an additional exit point from both campus areas. The project included the creative reuse of many components of the prior office building, including utilizing an abundance of extra glass doors as interior windows in the newly-created cafeteria and media center. This project is an excellent example of Ai3's ability to create a space which is fun, inspiring, and dynamic, while simultaneously achieving a major transformation within a very limited project budget.



# Section 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.

**Sub-Consultant Name:** Crabtree McGrath Associates, Inc.

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

John Sousa

Ai3 selected Crabtree McGrath Associates to prepare Construction Documents and to perform Construction Administration services for the kitchen and serving area, Culinary Arts kitchen, and Cafe.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

## Beverly Middle School

7 Sohler Road  
Beverly, MA 01915

John Sousa

Ai3 selected Crabtree McGrath Associates to prepare Construction Documents and to perform Construction Administration services related to the commercial kitchen and serving area.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

## Abington Co-Located Pre-K/Middle/High School

201 Gliniewicz Way  
Abington, MA 02351

John Sousa

Ai3 selected Crabtree McGrath Associates to perform services related to the commercial kitchen, serving area, and Culinary Arts.

- Innovative **middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple playfields**
- Promotion of **student display and exhibit**
- Planning of transition from 6-8 middle school to **5-8 middle school**
- **Project-based learning** labs and **student collaboration** space
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

**SBRHS Building Committee**  
25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person

Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)

June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

70,139

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

9.4



population: 1,000 pupils  
size (sq. ft.): 222,826 new

c. Client's Name, Address, And Phone Number

**Beverly Public Schools**  
502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person

Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)

June 15, 2018

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

91,263

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

21.4



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number

**Abington Public Schools**  
171 Adams Street  
Abington, MA 02351

Name Of Contact Person

Peter Schafer, Superintendent  
(781) 982-2150  
[peterschafer@abingtonps.org](mailto:peterschafer@abingtonps.org)

d. Completion Date (Actual Or Estimated)

May 31, 2017 (building)  
July 31, 2018 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

78,839

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

19.8



population: 1,115 pupils  
size (sq. ft.): 235,370 new

# Section 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.

**Sub-Consultant Name:** Griffith & Vary, Inc.

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Cardinal Spellman High School

738 Court Street  
Brockton, MA 02302

Wayne E. Mattson, P.E.

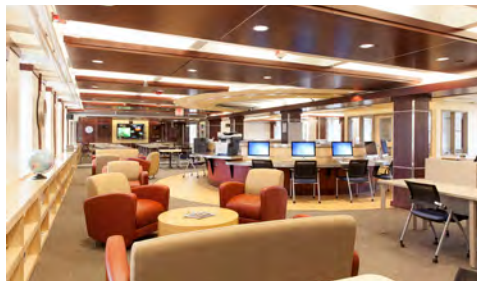
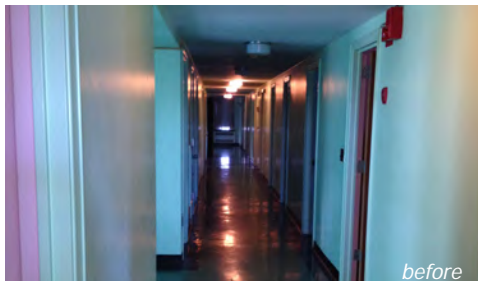
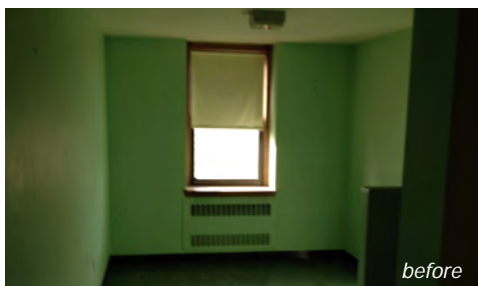
Ai3 Architects, LLC selected Griffith & Vary, Inc. as their mechanical, electrical, plumbing, and fire protection engineering consultant for the Study, Planning, Design, and Construction Administration of multiple projects on the Cardinal Spellman High School campus.

- Modernized a **1960s campus** with **modern renovations**; existing convent converted into a new, open, tech-media center
- Accomplished **phased-occupied construction** where existing buildings remained fully operational
- New **presentation, socialization, and group study spaces** created
- Multiple **projects completed for the same client**
- A **fast-track schedule** for design and construction

c. Client's Name, Address, And Phone Number	<b>Cardinal Spellman HS</b> 738 Court Street Brockton, MA 02302
Name Of Contact Person	Julian Peebles, President (508) 584-3004 <a href="mailto:jpeebles@spellman.com">jpeebles@spellman.com</a>
d. Completion Date (Actual Or Estimated)	Fall 2012, Fall 2013, Fall 2014, Fall 2015
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	20,000 (total for ALL projects)
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	63 (total for ALL projects)



population: 633  
size (sq. ft.): multiple renovation projects



## About Cardinal Spellman High School

As part of the "Cardinal Spellman in the 21<sup>st</sup> Century" campaign, Ai3 Architects teamed with Griffith & Vary, Inc. (G&V) to develop a Master Plan and Conceptual Design options for multiple renovation and new construction projects across the Cardinal Spellman High School campus. Over the past decade, many of these projects have been completed by Ai3 and G&V, including newly renovated science facilities, a new Fitness and Wellness Center addition, renovated student dining facilities, a newly created media and socialization center, classroom renovations, and a new Academic Center – all programmed areas where proper heating and cooling, ventilation and air quality, and lighting are particularly essential to the success of the users within those spaces.

One of the primary focuses of the entire master plan was to develop thoughtful and efficient renovations combined with minimal additions to transform the existing 50-year-old campus into a 21<sup>st</sup> Century learning environment. For example, a convent on site was completely transformed into a new media and socialization center, made possible by the removal of non-structural interior partitions within the existing building. This re-purposing allowed the former school library to be converted into additional classrooms. The newly created media and socialization center now serves as a hub for students and staff, equipped with a media bar, private study carrels, a professional development classroom, and flexible group study environments. Such a space is relevant for a student at any age in today's evolving classroom. The new Fitness and Wellness Center was located directly adjacent to the existing gymnasium, allowing for the expansion of program offerings without the need for additional staff. Existing science labs were re-designed to create hands-on project-based labs for a broad array of learning opportunities, and the existing cafeteria was updated to a more modern student dining common.

The President and Board of Directors worked with Ai3 to develop a visionary 21<sup>st</sup> Century educational strategy, and Ai3 along with G&V are excited to continue this collaboration as the long-term strategic vision becomes real. The remaining phases of the Master Plan include a new stadium, additional playfields, and a renovation-expansion of the existing auditorium that will become a new performing arts center.



# Section 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.

**Sub-Consultant Name:** Griffith & Vary, Inc.

- a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Hull High School

180 Main Street  
Hull, MA 02045

Wayne E. Mattson, P.E.

Ai3 selected G&V as their mechanical, electrical, plumbing, and fire protection engineering consultant for the Hull High School project.

- **Multi-phased-occupied construction** and renovation where the building remained fully occupied
- Construction on a **fully occupied, constricted site**
- **Noise, safety, and air quality planning** to ensure the academic environment was not compromised during construction
- **Complete transformation** of the interior academic environment despite a very **limited construction budget**
- **Energy efficiency measures** integrated into the renovation of the building envelope
- State of the art **science and engineering program** added to the existing building

c. Client's Name, Address, And Phone Number

**Town of Hull**  
253 Atlantic Avenue  
Hull, MA 02045

Name Of Contact Person

Phil Lemnios, Town Manager  
(781) 925-2000  
[nallen@town.hull.ma.us](mailto:nallen@town.hull.ma.us)

d. Completion Date (Actual Or Estimated)

July 17, 2004

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

16,044

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

179



population: 450 pupils  
size (sq. ft.): 95,165 sf renovated + 6,525 sf addition



## About Hull High School

The Hull High School project began with a feasibility study to determine if the existing site area, which is bound by the ocean on three sides, was sufficient for a renovation and expansion of the existing school. The site feasibility study began with an analysis of flood plains, tide and current, high velocity wind zones, ground water levels, subsurface soils, and underground utilities. The site included limited land area, and was further restricted by its unique ocean front location. The second phase of the study included an existing facility analysis to determine the feasibility of renovating the existing building vs. constructing an "all new" facility. This analysis included several unique focus areas such as structural resistance to high velocity winds, and the ability of exposed building components to resist salt water corrosion. The analysis also included evaluating the structural and economic feasibility of adding additional building stories onto the existing facility in lieu of displacing additional land area. The study also included strategies for allowing the entire building to be fully occupied throughout the entire duration of construction. Meetings were held with faculty, staff, and administration to develop an educational program that would satisfy current and future educational and facility needs. Several options for renovation/expansion were developed and presented to the Building Committee. Each option included preliminary phasing plans that demonstrated the impact of phased-occupied construction on the educational environment.

Ultimately, the Building Committee selected an option which they felt best matched their educational needs and financial resources, while simultaneously minimizing the impact to teaching and learning during the renovation and new construction process. The project includes: a new Library/Media Center; a new Video Production Studio; creation of new district administration offices; renovation and expansion of Science Lab facilities; a new Main Entry; creation of a modern technology lab environment in a space formerly occupied by the industrial technology program; complete renovation of the Fine Arts Center including Auditorium, Stage, Band, Music, and Art facilities; modernization of the existing physical educational space to create a fitness center which can be utilized by the public; insertion of a "technology-rich" environment into classrooms and other academic areas; renovation of all building areas; and reconditioned athletic fields and renovated sidewalks and parking areas.

The building was fully occupied throughout the entire duration of construction and the project included carefully delineated phasing drawings and guidelines.

# Section 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.

**Sub-Consultant Name:** Griffith & Vary, Inc.

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Sterling Middle School**  
444 Granite Street  
Quincy, MA 02169

Wayne E. Mattson, P.E.

Ai3 selected G&V to provide fire protection, plumbing, HVAC, and electrical engineering services for the new Sterling Middle School.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Construction on a **very small urban site** within a densely populated residential neighborhood
- Compact building footprint to **increase available site area**
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration** zones
- **Professional learning environment** for students and teachers

**Beverly Middle School**  
7 Sohler Road  
Beverly, MA 01915

Wayne E. Mattson, P.E.

Ai3 selected G&V to provide fire protection, plumbing, HVAC, and electrical engineering services for the new Beverly Middle School.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

**Somerset-Berkley Regional High School**  
625 County Street  
Somerset, MA 02726

Wayne E. Mattson, P.E.

Ai3 selected G&V to provide fire protection, plumbing, HVAC, and electrical engineering services for the new Somerset-Berkley Regional High School.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number	<b>Quincy Public Schools</b> 34 Coddington Street Quincy, MA 02169
Name Of Contact Person	Richard DeCristofaro, Superint. (617)984-8700 <a href="mailto:richarddecristofaro@quincypublicschools.com">richarddecristofaro@quincypublicschools.com</a>
d. Completion Date (Actual Or Estimated)	March 2019 (building) August 2019 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	47,235
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	453



population: 430 pupils  
size (sq. ft.): 95,732 new

c. Client's Name, Address, And Phone Number	<b>Beverly Public Schools</b> 502 Cabot Street Beverly, MA 01915
Name Of Contact Person	Steven Hiersche, Superintendent (978) 921-6100 x712 <a href="mailto:shiersche@beverlyschools.org">shiersche@beverlyschools.org</a>
d. Completion Date (Actual Or Estimated)	June 15, 2018
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	91,263
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	1,066



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number	<b>SBRHS Building Committee</b> 25 Saddlebrook Terrace Somerset, MA 02726
Name Of Contact Person	Richard Fenstermaker, Chairman (508) 646-1157 <a href="mailto:richfenstermaker@aol.com">richfenstermaker@aol.com</a>
d. Completion Date (Actual Or Estimated)	June 20, 2014 (building) October 2, 2015 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	70,139
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	343



population: 1,000 pupils  
size (sq. ft.): 222,826 new



# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** Pare Corporation

- a. Project Name And Location; Principal-In-Charge
- b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Woonsocket Middle Schools

Hamlet Ave. Riverfront  
Woonsocket, RI 02895

Kenneth DeCosta, P.E.

Ai3 Architects, LLC selected Pare Corporation as their consultant for the design of site utilities, stormwater management design, and site improvements during the Study, Planning, Design, and Construction Administration of two "twin" 880-pupil middle schools in the City of Woonsocket.

- Multiple **projects completed simultaneously** for the same client (Woonsocket Public Schools)
- Complicated **site permitting** and **environmental conditions**
- Construction on an **historic site** incorporating existing historical elements and buildings
- Complete **remediation of existing site** contamination
- A **fast-track** construction schedule for two schools simultaneously

c. Client's Name, Address, And Phone Number

**Woonsocket Public Schools**  
108 High Street  
Woonsocket, RI 02895

Name Of Contact Person

Peter Fontaine, Facilities Dir.  
(401) 692-1052  
[PFontaine@WoonsocketSchools.com](mailto:PFontaine@WoonsocketSchools.com)

d. Completion Date (Actual Or Estimated)

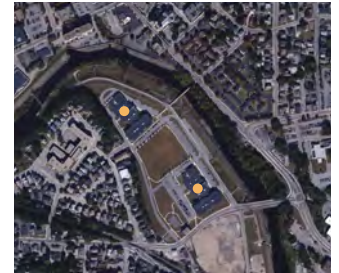
November 6, 2009

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

79,873

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

626



population: 1,760 pupils (total)  
size (sq. ft.): 257,670 new (total)



## About Woonsocket Middle Schools

The Woonsocket Middle Schools project was a CM-at-Risk collaboration between the City of Woonsocket, Gilbane Building Company, and Ai3 Architects. It included the design of two new 880-pupil "twin" middle schools for a total of 257,670 sq. ft. The site is located in the historic city center and was originally developed in the late 1800s/early 1900s. The site contained three four-story masonry mill buildings, one historically significant two-story masonry administration building, one masonry and steel production building, and one historically significant guard headquarters building. The site also contained several abandoned slab and foundation assemblies from previously burned and/or demolished buildings. The site contained known and unknown pollutants and contaminants, all of which had to be investigated and remediated as part of the project. The site is located along the Blackstone River in downtown Woonsocket, and is identified as part of the Army Corp of Engineers 100 and 500 year flood zones.

The project included re-use of two of the smaller but historically significant buildings on the site, and incorporation of these buildings into the educational program. Due to the extreme complexities associated with this site, its development required collaboration between the Design/Construction/Owner team and the following entities: Army Corp of Engineers; Rhode Island Department of Environmental Management; Rhode Island Department of Education; The Rhode Island Historic Preservation Commission; The Owners of the existing buildings on the site (to be purchased/demolished); The Woonsocket, Rhode Island City Council; The Woonsocket, Rhode Island School Department; The Woonsocket, Rhode Island Department of Planning; The Woonsocket, Rhode Island Building Department; The Woonsocket, Rhode Island Conservation Commission; and The Woonsocket, Rhode Island Department of Public Works.

The final project included the construction of two new, approx. 128,000 sq. ft. "twin" middle schools and the re-use of two existing historic buildings. The complete middle school campus accommodates 1,760 pupils and over 200 faculty, staff, and administration members. Design, programming, and permitting required approximately 18 months and the construction was completed in the Fall of 2009. Pare's scope of services involved: site design including grading, utility relocation, drainage, parking, etc.; structural engineering; traffic engineering; geotechnical investigations; and environmental permitting. In order to complete this complex project on a fast-track schedule, there were many early release packages including steel, concrete, and HVAC. These packages were released months ahead of the final construction documents but were 100% coordinated by the entire design team to insure that they were consistent with the final documents. The project included less than 1% of change orders, none of which were a result of the early release packages or a lack of coordination.



# Section 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.

**Sub-Consultant Name:** Pare Corporation

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Lincoln Middle School & Lincoln Schools Renovations

152 Jenckes Hill Road  
Lincoln, RI 02865

Kenneth DeCosta, P.E.

Ai3 Architects, LLC selected Pare Corporation as their consultant for the design of site utilities, stormwater management design, and site improvements during the Study, Planning, Design, and Construction Administration of multiple projects in the Town of Lincoln including middle, elementary, and high school facilities.

- Multiple **projects completed simultaneously** for the same client (Lincoln Public Schools)
- PK-5 elementary school **programming, planning, and renovations**
- **New middle school**
- Traditional architectural aesthetic blended with **modern, 21<sup>st</sup> Century educational environment**

c. Client's Name, Address, And Phone Number

### Lincoln Public Schools

1624 Lonsdale Ave  
Lincoln, RI 02865

Name Of Contact Person

Georgia Fortunato, Superint.  
(401) 721-3313  
[gfortunato@lincolnps.org](mailto:gfortunato@lincolnps.org)

d. Completion Date (Actual Or Estimated)

July 2006 (Middle School)  
August 2006 (Renovations)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

23,003 (Middle School)  
3,911 (Renovations)

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

401



population: 1,000 pupils (Middle)  
size (sq. ft.): 138,000 new (Middle School only)



## About

### Lincoln Middle School & Lincoln Schools Renovations

Subsequent to the approval of a \$28.0 million bond referendum for a new middle school and an \$8.5 million bond referendum to complete miscellaneous renovations to the elementary and high schools, the Lincoln School Building Committee began a regional search for an architectural firm specializing in creating 21<sup>st</sup> Century educational environments. Design firms from RI, NY, NJ, CT, VT, NH, and MA participated in the design proposal process. After reviewing proposals, visiting completed projects, speaking with former clients, and conducting interviews, the large and highly diversified Lincoln Designer Selection Committee unanimously selected Ai3 as their choice for their new 21<sup>st</sup> Century Middle School as well as to develop strategies for maximizing the impact of the \$8.5 million expenditure for renovations. Unlike any middle school facility in RI, the new Lincoln Middle School integrates the most recent educational and technological advancements in teaching, learning, and student socialization. Its beautiful historical and classical exterior provides no indication of the technologically advanced learning environment inside. Each classroom contains computer driven interactive white boards, LCD projectors, CPUs, and video devices capable of taking full advantage of the "Real Time" streaming of voice, video, and data; thus providing educational instructional tools rarely available in modern middle schools. The fully air-conditioned facility includes a cleverly organized three-story academic core that allows flexible educational organization. The educationally focused program includes teacher planning rooms, large group instructional labs, and a highly sophisticated Library Media Center. Pare's services included structural, geotechnical, site/civil, traffic, utility, and recreational field design.

The new Lincoln Middle School, has already been toured by many school committees, building committees, and planning committees throughout the region as a model for what 21<sup>st</sup> Century middle school education should be. As for the renovation work, the Selection Committee was particularly impressed with Ai3's demonstrated ability to take minimal funding and create maximum impact. The \$8.5 million appropriation was not intended to provide comprehensive renovations at all of the four elementary schools and the high school, but expectations within the Town were very high and it was critical that each of the targeted improvements could be identified and appreciated by the community. Ai3 completed programming and physical condition assessments at each of the schools and developed strategies for their improvement. Additionally, Ai3 developed strategies for implementing all of the renovations/improvements without impacting the existing educational environment. Pare's services included site design/structural engineering for renovations to Lincoln High School; structural engineering design for the 4,700 sq. ft. addition to Lonsdale Elementary School; and site access improvements at the existing Saylesville Elementary School. Ultimately, all projects were completed on time and within budget. The targeted improvements received praise and support from the faculty and the community.



# Section 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.

**Sub-Consultant Name:** Pare Corporation

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

Kenneth DeCosta, P.E.

Ai3 selected Pare Corporation to provide: site design, including drainage and utilities, sanitary sewer, water distribution, driveway and parking lot layout; athletic field design; environmental permitting; and construction services.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

## Beverly Middle School

7 Sohler Road  
Beverly, MA 01915

Kenneth DeCosta, P.E.

Ai3 selected Pare Corporation to provide: site design, traffic impact studies, Phase I Environmental Site Assessment, geotechnical engineering, permitting, and construction administration.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

## Abington Co-Located Pre-K/Middle/High School

201 Gliniewicz Way  
Abington, MA 02351

Kenneth DeCosta, P.E.

Ai3 selected Pare Corporation to provide: site design, traffic engineering, geotechnical investigations, environmental site assessment, athletic field design, and permitting for the new school building to accommodate pre-K, middle school, and high school.

- Innovative **middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Planning of transition from 6-8 middle school to **5-8 middle school**
- **Project-based learning** labs and **student collaboration** space
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

**SBRHS Building Committee**  
25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person

Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)

June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

70,139

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

323



population: 1,000 pupils  
size (sq. ft.): 222,826 new

c. Client's Name, Address, And Phone Number

**Beverly Public Schools**  
502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person

Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)

June 15, 2018

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

91,263

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

458.5



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number

**Abington Public Schools**  
171 Adams Street  
Abington, MA 02351

Name Of Contact Person

Peter Schafer, Superintendent  
(781) 982-2150  
[peterschafer@abingtonps.org](mailto:peterschafer@abingtonps.org)

d. Completion Date (Actual Or Estimated)

May 31, 2017 (building)  
July 31, 2018 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

78,839

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

435



population: 1,115 pupils  
size (sq. ft.): 235,370 new

# Section 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.

**Sub-Consultant Name:** KMA

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## ▶ Marshfield High School

167 Forest Street  
Marshfield, MA 02050

Katherine McGuinness

Ai3 Architects, LLC selected KMA as their consultant for accessibility compliance during the Study, Planning, Design, and Construction Administration of the new 1,310 pupil Marshfield High School.

- Accomplished **phased construction** where existing building was **fully functional** directly adjacent to the new construction
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- Includes many **community amenities** for after-hours use
- LEED Gold **Green School**

c. Client's Name, Address, And Phone Number

### Marshfield Public Schools

76 South River Street  
Marshfield, MA 02050

Name Of Contact Person

Bruce Spittler, MSBC Chairman  
(339) 793-0607  
[blspittler@gmail.com](mailto:blspittler@gmail.com)

d. Completion Date (Actual Or Estimated)

May 31, 2014 (building)  
October 25, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

87,181

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

3



population: 1,310 pupils  
size (sq. ft.): 267,469 new



## About Marshfield High School

Marshfield High School is included herein because it represents Ai3's expertise in creating a comprehensive, high-tech learning environment that combines academic study with hands-on career path opportunities. The building's design includes learning lab environments in career fields such as boat and sail design, robotics, sustainable design, and culinary arts. Project-based studios are located and organized within the building floor plan to encourage interaction with the professional community, while simultaneously providing the necessary safety and security for students and staff. Marshfield's progressive educational philosophies and its heritage as a town derived from smaller "villages" provided inspiration for the exterior design, drawing from key architectural styles within the Town, as well as those from higher educational institutions. Marshfield had very high goals with regard to "green" design and sustainability, including amenities such as photovoltaics, gray water collection, radiant heat panels, and daylight harvesting. The completed project received LEED Gold Certification.

The building is designed to stack academic classrooms like science and mathematics directly above the hands-on project studio labs for robotics and engineering, providing a direct visual connection between these two complimentary educational programs. The building also promotes understanding of its sustainable design strategies by showcasing the science and engineering behind them throughout the school. In addition, a Boat and Sail Design shop serves as another project-based learning lab, and is one of the most highly enrolled programs. Typical academic classrooms include a built-in station that provides the teacher with access to all integrated tech-tools within the classroom from a single-touch control panel. Computer-driven interactive white boards, LCD projectors, document scanners, CPUs, and video devices are all available at this central control panel. Classrooms also include sound reinforcement systems; reinforcing and balancing the spoken voice within the room for better listening and understanding. A Performance & Distance Learning Theater is also present, where "true" distance learning is achieved through acoustically appropriate space and technology that delivers "real time" streaming of voice, video, and data. Collaborative teacher planning areas combine departmental reference materials, teacher work and planning areas, laptop computer "docking" stations, conference rooms, storage areas, and kitchenettes into a collective planning area which encourages collaborative planning and social interaction. Lobby and corridor areas include interactive instruction kiosks, providing access to key "green" and educational technologies within the building. The building design includes an instructional outdoor courtyard with wireless internet access.

The new facility is located on the existing high school site, which was occupied by students, faculty, and staff throughout the duration of construction and accomplished by phasing.



# Section 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.

Sub-Consultant Name: **KMA**

- a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Westerly High School - Renovation & Addition

23 Ward Ave.  
Westerly, RI 02891

Katherine McGuinness

Ai3 Architects, LLC selected KMA as their consultant for accessibility compliance during the Study, Planning, Design, and Construction Administration of this comprehensive project involving over 300,000 sq. ft. on the campus of the historic Westerly High School.

- Accomplished **phased construction** in a **fully occupied** building throughout the entire three-year renovation/addition process
- Transformation into a modern **21<sup>st</sup> Century school** environment
- Replaced poorly designed additions completed in the 1970s with new architecture appropriate to the school's **historic character**
- Created new "**student centered commons**" in existing building
- Used **CM-at-Risk** delivery method
- Elected **Most Beautiful High School** in the State of RI

c. Client's Name, Address, And Phone Number

### Westerly Building Comm.

1 Morrone Court  
Westerly, RI 02891

Name Of Contact Person

David Patten, Chairman  
(860) 625-3325  
[dpatten@westerly.k12.ri.us](mailto:dpatten@westerly.k12.ri.us)

d. Completion Date (Actual Or Estimated)

December 31, 2011

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

24,794

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

5



population: 1,041 pupils  
size (sq. ft.): 195,000 renovated + 2,500 addition



before



before



before



## About

### Westerly High School - Renovation & Addition

The Westerly High School project is included herein because it involved the thoughtful coordination of three projects on a single campus. The two buildings that made up the existing high school lacked organization, structure, and program purpose, thus requiring the additions of new science and technology suites to cohesively combine with their renovated layouts. The suites would operate in conjunction with several project-based learning labs focusing on subjects like robotics, sustainable design, and engineering. Like many progressive schools today, Westerly operates as a comprehensive school where hands-on learning is balanced by rigorous academic delivery.

The physical layout of both buildings was extremely poor, as many makeshift classrooms had been enclosed without consideration of size, ventilation, or natural lighting. Also present were obsolete spaces with valuable square footage that was underutilized. These issues were resolved through selective demolition of interior and exterior walls, increasing classroom sizes, and allowing access to light and air. The underutilized spaces were transformed into student exhibit and socialization areas, with display space akin to a modern museum as an extension of the academic zones. Despite its age, the school sought a more technologically-advanced identity. Digital displays proved to be effective solutions and useful communication tools in more public areas of the school. Attention was also paid to the exterior faces of these public entries, made brighter by storefront replacement and clever signage.

The completed project is an excellent example of how a poorly constructed and unorganized building can be renovated, re-configured, and transformed into a modern 21<sup>st</sup> Century learning environment. All work was completed over a three-year period while the building was fully occupied by students, faculty, and staff; with the project being completed on time and under budget. In 2017, Westerly High School was named The Most Beautiful High School in the state of Rhode Island by *Architectural Digest*.

# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** **KMA**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Sterling Middle School**  
444 Granite Street  
Quincy, MA 02169  
  
Katherine McGuinness

Ai3 selected KMA to provide plan review for assured compliance with ADA Accessibility Guidelines and 521-CMR and memo.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Construction on a **very small urban site** within a densely populated residential neighborhood
- Compact building footprint to **increase available site area**
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration** zones
- Professional learning environment** for students and teachers

**Beverly Middle School**  
7 Sohier Road  
Beverly, MA 01915  
  
Katherine McGuinness

Ai3 selected KMA to provide plan review for assured compliance with ADA Accessibility Guidelines and 521-CMR and memo.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

**Somerset-Berkley Regional High School**  
625 County Street  
Somerset, MA 02726  
  
Katherine McGuinness

Ai3 selected KMA to provide plan review for assured compliance with ADA Accessibility Guidelines and 521-CMR and memo.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number	<b>Quincy Public Schools</b> 34 Coddington Street Quincy, MA 02169
Name Of Contact Person	Richard DeCristofaro, Superint. (617)984-8700 <a href="mailto:richarddecristofaro@quincypublicschools.com">richarddecristofaro@quincypublicschools.com</a>
d. Completion Date (Actual Or Estimated)	March 2019 (building) August 2019 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	47,235
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	5.7



population: 430 pupils  
size (sq. ft.): 95,732 new

c. Client's Name, Address, And Phone Number	<b>Beverly Public Schools</b> 502 Cabot Street Beverly, MA 01915
Name Of Contact Person	Steven Hiersche, Superintendent (978) 921-6100 x712 <a href="mailto:shiersche@beverlyschools.org">shiersche@beverlyschools.org</a>
d. Completion Date (Actual Or Estimated)	June 15, 2018
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	91,263
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	2.8



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number	<b>SBRHS Building Committee</b> 25 Saddlebrook Terrace Somerset, MA 02726
Name Of Contact Person	Richard Fenstermaker, Chairman (508) 646-1157 <a href="mailto:richfenstermaker@aol.com">richfenstermaker@aol.com</a>
d. Completion Date (Actual Or Estimated)	June 20, 2014 (building) October 2, 2015 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	70,139
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	2



population: 1,000 pupils  
size (sq. ft.): 222,826 new



# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** Universal Environmental Consultants

- a. Project Name And Location; Principal-In-Charge
- b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Lillian M. Jacobs Elementary School

180 Harborview Road  
Hull, MA 02045

Ammar M. Dieb

Ai3 Architects, LLC selected Universal Environmental Consultants as its hazardous materials / asbestos abatement consultant for this 785-pupil, 117,550 sq. ft. elementary school renovation/expansion project.

- PK-5 **elementary school** planning, programming, and design
- Multiple school projects **completed simultaneously** for the Town of Hull (Jacobs, Memorial Middle School, Hull High School)
- Accomplished **phased-occupied renovation** and expansion where the existing elementary school was fully occupied and operational throughout the entire two years of construction
- Addition of 48,150 sq. ft. to an existing building of 69,400 sq. ft.
- Innovative transformation of an outdated 1960s building into an open, flexible, **21<sup>st</sup> Century elementary school** environment

c. Client's Name, Address, And Phone Number

**Town of Hull**  
253 Atlantic Avenue  
Hull, MA 02045

Name Of Contact Person

Phil Lemnios, Town Manager  
(781) 925-2000  
[nallen@town.hull.ma.us](mailto:nallen@town.hull.ma.us)

d. Completion Date (Actual Or Estimated)

August 23, 2007 (Phase I)  
August 22, 2008

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

21,825

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

33



population: 785 pupils  
size (sq. ft.): 69,400 renovated + 48,150 addition



## About

### Lillian M. Jacobs Elementary School

The Jacobs Elementary School project in Hull, MA included the renovation and expansion of an existing PK-5 elementary school that was constructed in 1962. The existing 69,400 sq. ft. elementary school was increased by 48,150 sq. ft. to create a total building area of 117,550 sq. ft. The completed project has a capacity of approximately 785 PK-5 students and 100 faculty, staff, and administration members. This substantial expansion project on a very restrictive ocean-front site surrounded by a residential neighborhood required careful planning and collaboration with all user groups. Ai3 completed neighborhood input meetings, staff programming meetings, building committee meetings, town official meetings, school committee meetings, conservation commission hearings, Corp. of Engineers meetings, and numerous other collaborative efforts to achieve a successful permitting process.

The existing building lacked many modern educational amenities and required major modifications and additions such as: an undersized Library Media Center that had to be expanded and reconstructed as part of a two-story addition at the central core of the building; an undersized Cafetorium that required expansion but had to remain in its existing location; a new playground with integrated play structures that are age appropriate; comprehensive renovations to all existing building systems including new heating, ventilation, air conditioning, lighting, and electrical systems; and modern 21<sup>st</sup> Century lighting infrastructure including modeled daylighting analysis and appropriate daylight filtering and artificial light dimming.

The entire Jacobs Elementary School project was designed in compliance with the Massachusetts Technology Collaborative guidelines for High Performance Schools, which are consistent with LEED performance and sustainability goals. The project had to be completed while the building was fully occupied due to an inability to house the students in an alternate location. Therefore, the project was developed as a multi-phase construction and renovation project that included full occupancy by the students, faculty, and staff during construction.

# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** Universal Environmental Consultants

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Lynnfield High School

275 Essex Street  
Lynnfield, MA 01940

Ammar M. Dieb

Ai3 Architects, LLC selected Universal Environmental Consultants as its hazardous materials / asbestos abatement consultant for this 590-pupil, 134,000 sq. ft. high school renovation/expansion project.

- **Multi-phased-occupied construction** and renovation where the building remained fully occupied
- Construction on a **fully occupied, constricted site**
- **Noise, safety, and air quality planning** to ensure the academic environment was not compromised during construction
- **Complete transformation of the interior academic environment** despite a very **limited construction budget**
- **Energy efficiency measures** integrated into the renovation of the building envelope



Updated July 2016

c. Client's Name, Address, And Phone Number

**Heery International** (OPM)  
80 Blanchard Road, Suite 108  
Burlington, MA 01803

Name Of Contact Person

Thomas E. Ellis, Jr.  
(781) 494-9000  
[tellis@heery.com](mailto:tellis@heery.com)

d. Completion Date (Actual Or Estimated)

February 9, 2003

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

14,377

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

47.8



population: 590 pupils  
size (sq. ft.): 127,830 renovation + 6,170 addition

## About Lynnfield High School

The Lynnfield High School project began with a comprehensive feasibility study that included an evaluation of existing architectural, mechanical, electrical, technology, plumbing, and structural systems.

The existing site analysis included parking, vehicular circulation, athletic fields, tennis courts, playfields, pedestrian circulation, and sewage disposal systems. The existing building layout was documented and evaluated for compliance with a newly developed educational program.

A series of options were generated for review and consideration by the Town and the Building Committee. Public forums were conducted to solicit input from interested citizens and building users. After reviewing a variety of options created by Ai3, the Town selected an option which included renovation and addition to the existing high school facility. The total scope of work included:

- A new Main Entry which establishes a new "Identity" for the school and improves circulation into the primary entry point by creating a common lobby.
- Complete renovation and expansion of existing Science Lab facilities to provide for 21st century science laboratories and support facilities.
- Insertion of a "technology-rich" environment into classroom and other academic areas.

This renovation option was presented at Town Meeting and received unanimous support from the citizens. It subsequently passed through a Debt Exclusion vote with overwhelming support.

Due to the lack of educational space within the Town of Lynnfield, the construction approach required renovating and expanding the existing building while it was occupied by faculty and staff. This required a clearly delineated set of phasing drawings and specifications which insured that the project was completed safely and within minimal disruption to the building occupants.

The final project is an economical solution to providing a modern 21st Century high school facility, without the high cost associated with new construction, or the relocation of students and staff.



# Section 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.

**Sub-Consultant Name:** Universal Environmental Consultants

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Plymouth South High School

490 Long Pond Road  
Plymouth, MA 02360

Ammar M. Dieb

Ai3 Architects, LLC selected Universal Environmental Consultants to provide hazardous materials inspection, design, construction monitoring, and air sampling during demolition of the existing high school, as part of the construction of a new high school.

- Accomplished **phased construction** where existing building remained fully functional directly adjacent to the new construction
- Modern/traditional architectural aesthetic to create a collegiate feel on a **21<sup>st</sup> Century high school** campus
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- Includes many **community amenities** for after-hours use
- LEED Silver **Green School**

## Marshfield High School

167 Forest Street  
Marshfield, MA 02050

Ammar M. Dieb

Ai3 Architects, LLC selected Universal Environmental Consultants to provide hazardous materials inspection, design, construction monitoring, and air sampling during demolition of the existing high school, as part of the construction of a new high school.

- Accomplished **phased construction** where existing building was **fully functional** directly adjacent to the new construction
- Traditional/Classical architectural aesthetic blended with a modern **21<sup>st</sup> Century educational environment**
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- Includes many **community amenities** for after-hours use
- LEED Gold **Green School**

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

Ammar M. Dieb

Ai3 Architects, LLC selected Universal Environmental Consultants to provide hazardous materials inspection, design, construction monitoring, and air sampling during demolition of the existing high school, as part of the construction of a new high school.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21<sup>st</sup> Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments

c. Client's Name, Address, And Phone Number

**Plymouth Public Schools**  
253 South Meadow Road  
Plymouth, MA 02360

Name Of Contact Person

Gary Maestas, Superintendent  
(508) 830-4300  
[gmaestas@plymouth.k12.ma.us](mailto:gmaestas@plymouth.k12.ma.us)

d. Completion Date (Actual Or Estimated)

June 2, 2017

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

90,714

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

95



population: 1,005 pupils  
size (sq. ft.): 248,081 new

c. Client's Name, Address, And Phone Number

**Marshfield Public Schools**  
76 South River Street  
Marshfield, MA 02050

Name Of Contact Person

Bruce Spittler, MSBC Chairman  
(339) 793-0607  
[blspittler@gmail.com](mailto:blspittler@gmail.com)

d. Completion Date (Actual Or Estimated)

May 31, 2014 (building)  
October 25, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

87,181

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

120



population: 1,310 pupils  
size (sq. ft.): 267,469 new

c. Client's Name, Address, And Phone Number

**SBRHS Building Committee**  
25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person

Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)

June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

70,139

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

125



population: 1,000 pupils  
size (sq. ft.): 222,826 new

# Section 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.

**Sub-Consultant Name:** PM&C

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Franklin High School**  
218 Oak Street  
Franklin, MA 02038

Peter Bradley

Ai3 Architects, LLC selected PM&C as their consultant for cost estimating and cost analysis services during the Study, Planning, Design, and Construction Administration of the new 306,543 sq. ft. Franklin High School for 1,650 pupils in grades 9-12.

- Accomplished **phased construction** where existing building remained fully functional directly adjacent to the new construction
- Traditional/Classical architectural aesthetic blended with a modern **21<sup>st</sup> Century educational environment**
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- Includes many **community amenities** for after-hours use
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number	<b>Town of Franklin</b> 355 East Central Street Franklin, MA 02038
Name Of Contact Person	Thomas Mercer, Chairman (401) 725-4300 x3027 <a href="mailto:tdmercer@fullerbox.com">tdmercer@fullerbox.com</a>
d. Completion Date (Actual Or Estimated)	July 15, 2014 (building) February 29, 2016 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	87,932
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	62



population: 1,650 pupils  
size (sq. ft.): 306,543 new



## About Franklin High School

The new 1,650-pupil Franklin High School is included herein because it represents Ai3's expertise in creating small team learning communities within a larger student population, and also includes a very extensive array of academic and career path offerings which require many specialized and unique spaces. It is organized to promote interdisciplinary instruction within each small team, while still allowing key departments to collaborate in a semi-departmentalized model. The second and third floor classrooms are divided into eight team clusters, with juniors and seniors occupying four clusters on the third floor, and freshmen and sophomores occupying four clusters on the second floor. The first floor contains shared program spaces such as business labs, media center, performing and general arts, broadcast journalism suite, language lab, and senior seminar labs. Each team cluster contains six classrooms, a science lab, and educational support spaces. A dedicated Project Lab adjacent to each science lab allows long-term student project exploration and small group study. The facility includes four applied technology labs that are specifically designed to promote the study of forensics, robotics, physiology, and alternative energy. The typical academic classroom includes a built-in facilitator station which allows the teacher to have access to all of the integrated technological tools within the classroom from a single-touch control panel. Collaborative Teacher Planning areas combine departmental reference materials, teacher work and planning areas, laptop computer "docking" stations, conference rooms, storage areas, and kitchenettes into a collective planning area which encourages collaborative planning and social interaction.

The Franklin High School includes a progressive approach to media retrieval and distribution, in that the designed media center integrates a student-run café, student incubator, and student socialization areas as part of creating a relaxing environment for students to complete research, homework, and socialization. The school has a strong performing arts program and a collaborative relationship with many local theater programs. The performing arts center was designed to accommodate professional quality productions in order to support both student and professional community use.

The project includes many "green" design and sustainability strategies, including amenities such as photovoltaics, gray water collection, radiant heat panels, and daylight harvesting. The completed project received LEED Silver Certification. The project includes many critical community amenities such as an indoor walking track, fully air-conditioned building supporting summer and after-hours use, a renovated synthetic turf stadium, and a full performance auditorium. The new facility is located on the existing high school site, which required comprehensive provisions for phased-occupied construction on a site which was occupied by students, faculty, and staff throughout the duration of construction.



# Section 8b

# Somerset Middle School

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.

**Sub-Consultant Name:** PM&C

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Plymouth South High School

490 Long Pond Road  
Plymouth, MA 02360

Peter Bradley

Ai3 Architects, LLC selected PM&C as their consultant for cost estimating and cost analysis services for the Study, Planning, Design, and Construction Administration of this new 1,005-pupil comprehensive high school.

- Accomplished **phased construction** where existing building remained fully functional directly adjacent to the new construction
- Modern/traditional architectural aesthetic to create a collegiate feel on a **21<sup>st</sup> Century high school** campus
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- Includes many **community amenities** for after-hours use
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number	<b>Plymouth Public Schools</b> 253 South Meadow Road Plymouth, MA 02360
Name Of Contact Person	Gary Maestas, Superintendent (508) 830-4300 <a href="mailto:gmaestas@plymouth.k12.ma.us">gmaestas@plymouth.k12.ma.us</a>
d. Completion Date (Actual Or Estimated)	June 2, 2017 (building) November 1, 2018 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	90,714
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	70



population: 1,005 pupils  
size (sq. ft.): 248,081 new



## About Plymouth South High School

The new 1,005-pupil Plymouth South High School is the second high school project completed by Ai3 Architects (and PM&C) for the Town of Plymouth. The two high schools have distinctively different programs. Plymouth South High School is recognized nationally as a model for how academic and vocational learning can be combined to allow students to achieve the very highest of academic and vocational standards, with student test scores exceeding those of many purely academic high schools in the Commonwealth. Integration and collaboration among teachers and students are key components in the success of Plymouth South High School, and the school environment is strategically organized to support such. Students learn the application of academic study by utilizing real-world trade, design, and engineering problems and challenges.

The location and adjacency of clusters and classrooms are key components of the building design. All of the academic classrooms are placed directly adjacent to vocational application labs, either horizontally or vertically. The school contains a Hospitality and Tourism Cluster, Automotive and Construction Cluster, Business and Consumer Services Cluster, and standalone programs such as Cosmetology, Computer Aided Design, Early Education and Care, Graphic Design and Visual Communication, and Electrical. It also contains a student-run restaurant and a student-run clothing pantry. All of these spaces are located in close proximity to teacher collaboration and planning areas, seminar rooms, and academic classrooms which promotes communication and interdisciplinary interaction. There is also a significant focus on "student space" within the building to promote school culture and the exhibit of student work.

The new building achieved a LEED Silver rating and includes many green design strategies such as an energy efficient building envelope, high performance windows, rainwater collection system, high efficiency mechanical and lighting systems, optimum acoustics within instructional classrooms, and low-flow toilet fixtures, among many others.

# Section 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.

<b>Sub-Consultant Name:</b>	<b>PM&amp;C</b>
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- a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Beverly Middle School

7 Sohier Road  
Beverly, MA 01915

Peter Bradley

Ai3 Architects, LLC selected PM&C to provide cost estimating services for the construction of a new 231,509 sq. ft. middle school.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area
- Constructed within **active neighborhood context**
- Four-story, **compact building footprint** that allows for multiple new playfields and parking areas

## Abington Co-located Pre-K/Middle/High School

201 Gliniewicz Way  
Abington, MA 02351

Peter Bradley

Ai3 selected PM&C to provide cost estimating services for the construction of a new 235,370 sq. ft. co-located Pre-K / middle / high school.

- Innovative **middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple playfields**
- Promotion of **student display and exhibit**
- Planning of transition from 6-8 middle school to **5-8 middle school**
- **Project-based learning** labs and **student collaboration** space
- LEED Silver **Green School**

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

Peter Bradley

Ai3 Architects, LLC selected PM&C to provide cost estimating services for the construction of a new 222,826 sq. ft. high school.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- Traditional/Classical architectural aesthetic blended with a modern **21st Century educational environment**
- Sophisticated **performance/exhibit spaces** including video walls, TV studios, performance stages, and theatrical environments
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

### Beverly Public Schools

502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person

Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)

June 15, 2018

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

91,263

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

79



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number

### Abington Public Schools

171 Adams Street  
Abington, MA 02351

Name Of Contact Person

Peter Schafer, Superintendent  
(781) 982-2150  
[peterschafer@abingtonps.org](mailto:peterschafer@abingtonps.org)

d. Completion Date (Actual Or Estimated)

May 31, 2017 (building)  
July 31, 2018 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

78,839

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

48



population: 1,115 pupils  
size (sq. ft.): 235,370 new

c. Client's Name, Address, And Phone Number

### SBRHS Building Committee

25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person

Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)

June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

70,139

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

69



population: 1,000 pupils  
size (sq. ft.): 222,826 new



# Section 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.

**Sub-Consultant Name:** FS Engineers, Inc.

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

**Hosmer Elementary School**

1 Concord Road  
Watertown, MA 02472

Farooq Siddique, P.E., LSP

Ai3 selected FS Engineers as their Geoenvironmental Engineer on all three Watertown Elementary School projects, including the new Hosmer Elementary School. FS' services include preparation of a Preliminary Environmental Assessment, an Initial Soil Characterization for reuse and off-site disposal, and LSP services.

- Master Planning of multiple schools across all grade levels
- PK-5 versus PK-6 evaluation with middle school grade configuration impacts
- Renovation versus new construction analysis
- Net-Zero design and building goals

c. Client's Name, Address, And Phone Number	<b>Town of Watertown</b> 149 Main Street Watertown, MA 02472
Name Of Contact Person	Mark S. Sideris, SBC Chairman (617) 827-2996 (cell) <a href="mailto:msideris@watertown-ma.gov">msideris@watertown-ma.gov</a>
d. Completion Date (Actual Or Estimated)	September 2023 (building) September 2024 (site)
e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)	61,793
e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible	11.5



population: 790 pupils  
size (sq. ft.): 143,500 new



## About Hosmer Elementary School

Ai3's relationship with the Town of Watertown began with a comprehensive review of two prior planning documents and the development of a master plan to address all school facilities. We were then selected to begin specific feasibility and schematic design efforts at each of the three Watertown Elementary Schools. The Hosmer Elementary School feasibility study began with the creation of multiple conceptual options ranging from renovation and expansion of the existing building to an "all new" facility on the existing site. The Hosmer site is home to many community and neighborhood resources such as recreational fields, playgrounds, and play courts; therefore, any proposed modifications to the site required careful considerations around community and neighborhood impact. Ai3 facilitated neighborhood meetings, public forums, and various opportunities to gather input from neighbors, community members, educators, committees, town officials, town departments, and town boards. Subsequent to an analysis of many options for renovating and expanding the existing Hosmer school, the community felt strongly that the project provided an opportunity to create a "clean slate" by eliminating the numerous expansions and additions that had occurred over past decades and consolidate the Hosmer school into a single, compact, multi-story facility that would provide a much better organized educational environment and also occupy a much smaller building footprint; thereby providing substantially more green space to the surrounding neighborhood and greater community. The concept of an "all new" facility was also very attractive because it allowed Watertown to achieve numerous other educational, environmental, community, and neighborhood goals including LEED Gold standards and Net-Zero energy usage. The interior educational environment wraps around a three-sided, open air courtyard which is integrated into the academic learning commons through a large moveable glass wall. Traditional corridors are minimized within the building organization by creating a central zone of collaborative student study, work, and exhibit space, around which all classrooms are organized. Additional "flex classrooms" are incorporated into the educational environment to address the future evolution of specialized science, language, and lab space necessary to accommodate an evolving and forward-thinking educational program. The proposed new school, which is really two schools contained within a contiguous building, will accommodate 590 elementary school students in grades K-5 and 200 pre-kindergarten and preschool students in an Early Childhood Learning Center. It will include 143,500sf of educational and community program space.

# Section 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.

**Sub-Consultant Name:** FS Engineers, Inc.

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Sterling Middle School

444 Granite Street  
Quincy, MA 02169

Farooq Siddique, P.E., LSP

AI3 selected FS Engineers as their Geoenvironmental Engineer on the new middle school project. Services included a Soil Disposal Characterization for reuse and off-site disposal, LSP services, and preparation of off-site disposal/reuse documents.

- Innovative and progressive **5th through 8th grade middle school** environment
- Accomplished **phased, fully-occupied construction** where existing building was only 5 feet from the new project
- Construction on a **very small urban site** within a densely populated residential neighborhood
- Compact building footprint to **increase available site area**
- Academic team areas of **flexible classrooms** with adjacent small and large group support areas, plus **teacher collaboration** zones

## Kennedy Middle School

165 Mill Street  
Natick, MA 01760

Farooq Siddique, P.E., LSP

AI3 selected FS Engineers as their Geoenvironmental Engineer on the new middle school project. Services included an Initial Soil Characterization for reuse and off-site disposal, and LSP services.

- Innovative **5th through 8th middle school** environment
- Accomplished **phased-occupied construction** where existing building was only 20 feet from the new project, then demolished
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple synthetic playfields**
- **Hands-on learning** labs and experiences
- **Multi-zone academic classrooms**
- **“Open” internal environment** with limited corridors
- LEED Silver **Green School**

## B.M.C. Durfee High School

360 Elsbree Street  
Fall River, MA 02720

Farooq Siddique, P.E., LSP

AI3 selected FS Engineers as their Geoenvironmental Engineer for this high school project. Services included Soil Characterizations for reuse and off-site disposal, and groundwater sampling.

- Innovative **comprehensive technical high school** environment with many **specialized spaces**
- **Phased-occupied construction** and renovation
- Development of a **larger school** with a **smaller footprint**
- Large site planning program with **multiple playfields**
- **Simplified building organizational layout**
- **Specialized Hands-on learning** labs and experiences
- Integration of **historical elements** into the new design
- Clearly delineated **on-site traffic patterns and distributed parking**

c. Client's Name, Address, And Phone Number

### Quincy Public Schools

34 Coddington Street  
Quincy, MA 02169

Name Of Contact Person

Richard DeCristofaro, Superint.  
(617)984-8700

[richarddecristofaro@quincypublicschools.com](mailto:richarddecristofaro@quincypublicschools.com)

d. Completion Date (Actual Or Estimated)

March 2019 (building)  
August 2019 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

47,235

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

76



population: 430 pupils  
size (sq. ft.): 95,732 new

c. Client's Name, Address, And Phone Number

### Natick Public Schools

13 East Central Street  
Natick, MA 01760

Name Of Contact Person

Anna Nolin, Superintendent  
(508) 647-6500

[anolin@natickps.org](mailto:anolin@natickps.org)

d. Completion Date (Actual Or Estimated)

August 23, 2022

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

89,131

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

6



population: 1,000 pupils  
size (sq. ft.): 183,620 new

c. Client's Name, Address, And Phone Number

### Fall River Public Schools

417 Rock Street  
Fall River, MA 02720

Name Of Contact Person

Ken Pacheco, COO  
(508) 675-8420 x53704

[kenpacheco@fallriverschools.org](mailto:kenpacheco@fallriverschools.org)

d. Completion Date (Actual Or Estimated)

May 31, 2021 (building)  
August 24, 2022 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

217,840

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

23



population: 2,570 pupils  
size (sq. ft.): 402,807 new +  
98,523 renovated



# Section 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.

**Sub-Consultant Name:** **The Vertex Companies, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## B.M.C. Durfee High School

360 Elsbree Street  
Fall River, MA 02720

Andrew Chagnon, P.E.

Ai3 selected Vertex to provide Civil Engineering services for the new and renovated B.M.C. Durfee High School.

- Innovative **comprehensive technical high school** environment with many **specialized spaces**
- **Phased-occupied construction** and renovation
- Development of a **larger school** with a **smaller footprint**
- Large site planning program with **multiple playfields**
- **Simplified building organizational layout**
- **Specialized Hands-on learning** labs and experiences
- Integration of **historical elements** into the new design
- Clearly delineated **on-site traffic patterns and distributed parking**
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

### Fall River Public Schools

417 Rock Street  
Fall River, MA 02720

Ken Pacheco, COO  
(508) 675-8420 x53704  
[kenpacheco@fallriverschools.org](mailto:kenpacheco@fallriverschools.org)

Name Of Contact Person

d. Completion Date (Actual Or Estimated)

May 31, 2021 (building)  
August 24, 2022 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

217,840

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

679



population: 2,570 pupils  
size (sq. ft.): 402,807 new +  
98,523 renovated



## About

### B.M.C. Durfee High School

The new BMC Durfee High School is a comprehensive high school serving 2,570 students in grades 9-12 in a unique cultural environment, combining rigorous academics with career-based Chapter 74 CTE programs and pathways. The new building design, positioned with a formal presence along Elsbree Street, takes exterior design cues from the original historic 1887 BMC Durfee High School building located on Rock Street. This historically significant building was one of the first comprehensive high schools in the country. The new design includes two towers which house historic artifacts from the original BMC Durfee High School. The bell tower integrates the historic Durfee bells, including the clavier located below the belfry. The Durfee High School carillon will be the only manually-played carillon at a public high school in North America. The second tower includes the observatory which integrates the original 1887 historic Warner & Swasey telescope.

In addition to the District's goal of infusing the history of BMC Durfee and Fall River into the building design, the District had numerous educational and forward-thinking goals including an entry experience that is welcoming, inspiring, and motivating through its incorporation of historical references. The design includes subdividing the large school population into "academic neighborhoods" which provide smaller personalized "schools". The academic leadership is distributed throughout the building in order to supervise these "neighborhoods" and foster collaboration among faculty and staff. There is significant "student space" within the building to promote school culture and the exhibit of student work, including indoor and outdoor connections between the building's vibrant and energized educational environment.

The new building fully integrates academic and hands-on learning through the student-run restaurant (Tradewinds) and cafe, Cosmetology, Early Education & Care, Construction Craft, Graphic Design, and Design & Visual Communications. These programs are designed to foster the connectivity between academics and vocation-based activity that are visually and physically integrated into the core of the school while simultaneously opening themselves to community involvement and access.

The new BMC Durfee High School also incorporates sustainability and energy efficiency (LEED Silver) through design strategies such as an energy efficient building envelope, high performance exterior windows, high efficiency mechanical systems, 100% LED building and site lighting systems, optimum acoustics, and low-flow fixtures and faucets.

# Section 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.

**Sub-Consultant Name:** **The Vertex Companies, Inc.**

a. Project Name And Location; Principal-In-Charge      b. Brief Description Of Project And Services (Include Reference To Relevant Experience)

## Beverly Middle School

7 Sohier Road  
Beverly, MA 01915

Andrew Chagnon, P.E.

Prior to joining Vertex, Andrew Chagnon collaborated with Ai3 as part of the design team for the new middle school. Mr. Chagnon provided site design, traffic impact studies, Phase I Environmental Site Assessment, geotechnical engineering, permitting, and construction administration. The site design included layout and grading of the site along with hydraulic and hydrologic modeling for drainage systems and low impact drainage design.

- Planning of the transition from a 6-8 middle school to an innovative, non-traditional **5-8 middle school** environment
- Organized school into four **smaller "schools-within-the-school"**, each "school" containing three academic neighborhoods
- An **outdoor learning courtyard** with academic program space
- Constructed on **existing school site** with limited available area

## Abington Co-located Pre-K/Middle/High School

201 Gliniewicz Way  
Abington, MA 02351

Andrew Chagnon, P.E.

Prior to joining Vertex, Andrew Chagnon collaborated with Ai3 as part of the design team for the new pre-K/middle/high school. Mr. Chagnon provided civil engineering services for site design, traffic engineering, geotechnical investigations, environmental site assessment, and permitting.

- Innovative **middle school** environment
- Development of a **larger school** with a **smaller footprint**
- Large site planning program, with **multiple playfields**
- Promotion of **student display and exhibit**
- Planning of transition from 6-8 middle school to **5-8 middle school**
- **Project-based learning** labs and **student collaboration** space
- **Flexible learning environment**

## Somerset-Berkley Regional High School

625 County Street  
Somerset, MA 02726

Andrew Chagnon, P.E.

Prior to joining Vertex, Andrew Chagnon collaborated with Ai3 as part of the design team for the new high school. Mr. Chagnon was the Civil Engineer who provided design, construction documents, and construction phase services, as well as supplemental geotechnical and traffic/transportation services. He also performed a complete geotechnical program to characterize the subsurface conditions and provide bearing capacity recommendations for the structural engineer.

- Previous experience with the **Town of Somerset**
- Accomplished **phased construction** on small site where existing building remained fully functional and separate from nearby work
- Critical **planning** separated construction activities from academics
- LEED Silver **Green School**

c. Client's Name, Address, And Phone Number

### Beverly Public Schools

502 Cabot Street  
Beverly, MA 01915

Name Of Contact Person

Steven Hiersche, Superintendent  
(978) 921-6100 x712  
[shiersche@beverlyschools.org](mailto:shiersche@beverlyschools.org)

d. Completion Date (Actual Or Estimated)

June 15, 2018

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

91,263

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

433



population: 1,395 pupils  
size (sq. ft.): 231,509 new

c. Client's Name, Address, And Phone Number

### Abington Public Schools

171 Adams Street  
Abington, MA 02351

Name Of Contact Person

Peter Schafer, Superintendent  
(781) 982-2150  
[peterschafer@abingtonps.org](mailto:peterschafer@abingtonps.org)

d. Completion Date (Actual Or Estimated)

May 31, 2017 (building)  
July 31, 2018 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

78,839

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

435



population: 1,115 pupils  
size (sq. ft.): 235,370 new

c. Client's Name, Address, And Phone Number

### SBRHS Building Committee

25 Saddlebrook Terrace  
Somerset, MA 02726

Name Of Contact Person

Richard Fenstermaker, Chairman  
(508) 646-1157  
[richfenstermaker@aol.com](mailto:richfenstermaker@aol.com)

d. Completion Date (Actual Or Estimated)

June 20, 2014 (building)  
October 2, 2015 (site)

e. Project Cost (In Thousands): Construction Costs (Actual, Or Estimated If Not Completed)

70,139

e. Project Cost (In Thousands): Fee for Work for Which Firm Was Responsible

323



population: 1,000 pupils  
size (sq. ft.): 222,826 new



# Section 9











# Somerset Middle School

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: **18**

# of Active Projects: **6 = (3) D.D., (1) C.D., (2) C.A.**

Total Construction Cost (In Thousands) of Active Projects (excluding studies): **483,913**

Role (P, C, JV*)	Phase (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 Complete)	Completion Date (Actual or Estimated) (R) Renovation, (N) New
P	Sch. D.D. C.D. A.C.	 <p><b>Somerset-Berkley Regional High School</b> 625 County Street Somerset, MA 02726</p> <p>Troy L. Randall, AIA</p>	 <p><b>SBRHS Building Committee</b> 25 Saddlebrook Terrace Somerset, MA 02726</p> <p>Richard Fenstermaker, Chairman (508) 646-1157 <a href="mailto:richfenstermaker@aol.com">richfenstermaker@aol.com</a></p>	70,139	<p>Building Substantial Completion: June 20, 2014</p> <p>Sitework: October 2, 2015</p> <p>(N)</p>
P	Sch. D.D. C.D. A.C.	 <p><b>Central Middle School</b> 875 Hancock Street Quincy, MA 02170</p> <p>Troy L. Randall, AIA</p>	 <p><b>City of Quincy</b> 1305 Hancock Street, 3rd Flr. Quincy, MA 02169</p> <p>James Timmins, City Solicitor (617) 376-1511 <a href="mailto:jtimmins@quincyma.gov">jtimmins@quincyma.gov</a></p>	32,481	<p>January 3, 2014</p> <p>(N)</p>
P	St. Sch. D.D. C.D. A.C.	 <p><b>Valley Collaborative</b> 40 Linnell Circle Billerica, MA 01821</p> <p>L. Scott Dunlap, AIA</p>	 <p><b>Valley Collaborative</b> 40 Linnell Circle Billerica, MA 01821</p> <p>Chris A. Scott, Ph.D., Executive Director (978) 528-7827 <a href="mailto:cscott@valleycollaborative.org">cscott@valleycollaborative.org</a></p>	2,856	<p>Building Substantial Completion: May 31, 2014</p> <p>Sitework: August 31, 2014</p> <p>(R)</p>
P	Sch. D.D. C.D. A.C.	 <p><b>Hingham Middle School</b> 1103 Main Street Hingham, MA 02043</p> <p>James S. Jordan, AIA</p>	 <p>Hingham School Building Committee c/o <b>Hingham Public Schools</b> 220 Central Street Hingham, MA 02043</p> <p>Roger Boddie, Former School Principal (617) 840-2826 <a href="mailto:rboddie@kbaarchitects.com">rboddie@kbaarchitects.com</a></p>	49,209	<p>Building Substantial Completion: May 1, 2014</p> <p>Sitework: July 1, 2015</p> <p>(N)</p>
P	Sch. D.D. C.D. A.C.	 <p><b>Abington Co-Located Pre-K/Middle/High School</b> 201 Gliniewicz Way Abington, MA 02351</p> <p>Troy L. Randall, AIA</p>	 <p><b>Abington Public Schools</b> 171 Adams Street Abington, MA 02351</p> <p>Peter Schafer, Superintendent of Schools (781) 982-2150 <a href="mailto:peterschafer@abingtonps.org">peterschafer@abingtonps.org</a></p>	78,839	<p>Building Substantial Completion: May 31, 2017</p> <p>Sitework: July 31, 2018</p> <p>(N)</p>

\*P = Principal; C = Consultant; JV = Joint Venture; St. = Study; Sch. = Schematic; D.D. = Design Development;  
C.D. = Construction Documents; A.C. = Administration of Contract

# Section 9






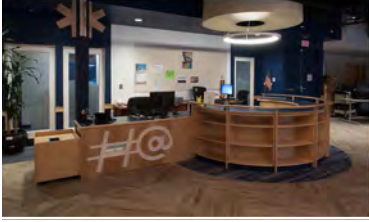




# Somerset Middle School

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: **18**

# of Active Projects: **6 = (3) D.D., (1) C.D., (2) C.A.**

Total Construction Cost (In Thousands) of Active Projects (excluding studies): **483,913**

Role (P, C, JV*)	Phase (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 Complete)	Completion Date (Actual or Estimated) (R) Renovation, (N) New
P	St. Sch. D.D. C.D. A.C.	 <b>Beverly Middle School</b> 7 Sohier Road Beverly, MA 01915  Troy L. Randall, AIA	 <b>Beverly Public Schools</b> 502 Cabot Street Beverly, MA 01915  Dr. Steven A. Hiersche, Superintendent of Schools (978) 921-6100 x712 <a href="mailto:shiersche@beverlyschools.org">shiersche@beverlyschools.org</a>	91,263	June 15, 2018  (N)
P	St. Sch. D.D. C.D. A.C.	 <b>Sterling Middle School</b> 444 Granite Street Quincy, MA 02169  James S. Jordan, AIA	 <b>Quincy Public Schools</b> 34 Coddington Street Quincy, MA 02169  Dr. Richard DeCristofaro, Superintendent of Schools (617) 984-8700 <a href="mailto:richarddecristofaro@quincypublicschools.com">richarddecristofaro@quincypublicschools.com</a>	47,235	Building Substantial Completion: March 2019 Sitework: August 2019  (N)
P	Sch. D.D. C.D. A.C.	 <b>Foxborough Regional Charter School (K-4)</b> 33 Commercial Street Foxborough, MA 02035  L. Scott Dunlap, AIA	 <b>Foxborough Regional Charter School</b> 131 Central Street Foxborough, MA 02035  Dr. Mark Logan, Executive Director (508) 543-2508 <a href="mailto:mlogan@foxboroughrcs.org">mlogan@foxboroughrcs.org</a>	8,656	August 2017  (R) / (N)
P	Sch. D.D. C.D. A.C.	 <b>Franklin High School</b> 218 Oak Street Franklin, MA 02038  James S. Jordan, AIA	 Franklin School Building Committee c/o <b>Town of Franklin</b> 355 East Central Street Franklin, MA 02038  Thomas Mercer, Chairman (401) 725-4300 x3027 <a href="mailto:tdmercerc@fullerbox.com">tdmercerc@fullerbox.com</a>	87,932	Building Substantial Completion: July 15, 2014  (N)
P	Sch. D.D. C.D. A.C.	 <b>Marshfield High School</b> 167 Forest Street Marshfield, MA 02050  L. Scott Dunlap, AIA	 Marshfield School Building Committee c/o <b>Marshfield Public Schools</b> 76 South River Street Marshfield, MA 02050  Bruce Spitler, Chairman (339) 793-0607 <a href="mailto:blspitler@gmail.com">blspitler@gmail.com</a>	87,181	Building Substantial Completion: May 31, 2014 Sitework: October 25, 2015  (N)

\*P = Principal; C = Consultant; JV = Joint Venture; St. = Study; Sch. = Schematic; D.D. = Design Development; C.D. = Construction Documents; A.C. = Administration of Contract



# Section 9











# Somerset Middle School

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: **18**

# of Active Projects: **6 = (3) D.D., (1) C.D., (2) C.A.**

Total Construction Cost (In Thousands) of Active Projects (excluding studies): **483,913**

Role (P, C, JV*)	Phase (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 Complete)	Completion Date (Actual or Estimated) (R) Renovation, (N) New
P	St. Sch. D.D. C.D. A.C.	 <b>Plymouth South High School</b> 490 Long Pond Road Plymouth, MA 02360  James S. Jordan, AIA	 <b>Plymouth Public Schools</b> 253 South Meadow Road Plymouth, MA 02360  Gary Maestas, Superintendent (508) 830-4300 <a href="mailto:gmaestas@plymouth.k12.ma.us">gmaestas@plymouth.k12.ma.us</a>	90,714	Building Substantial Completion: June 2, 2017 Sitework: Nov 1, 2018  (N)
P	St.	 <b>Norwood Public Schools Feasibility Study &amp; Long Range Plan</b> Norwood, MA  L. Scott Dunlap, AIA	 <b>Town of Norwood - Town Hall</b> 566 Washington Street, Room 27 Norwood, MA 02062  John J. Carroll, General Manager (781) 762-1240 x101 <a href="mailto:jcarroll@norwoodma.gov">jcarroll@norwoodma.gov</a>	N/A (Study ONLY)	November 2017 (for completion of services provided through Study phase ONLY)
P	St. Sch. D.D. C.D. A.C.	 <b>Christa McAuliffe Regional Charter Public School</b> 139 Newbury Street Framingham, MA 01701  L. Scott Dunlap, AIA	 <b>Christa McAuliffe Regional Charter Public School</b> 25 Clinton Street Framingham, MA  Kristin Harrison, Executive Director (508) 969-4434 <a href="mailto:kharrison@mcaulifferegional.org">kharrison@mcaulifferegional.org</a>	3,257	December 30, 2014  (R) / (N)
P	St. Sch. D.D. C.D. A.C.	 <b>B.M.C. Durfee High School</b> 360 Elsbree Street Fall River, MA 02720  Troy L. Randall, AIA	 <b>Fall River Public Schools</b> 417 Rock Street Fall River, MA 02720 Ken Pacheco, Chief Operating Officer (COO) (508) 675-8420 x53704 <a href="mailto:kenpacheco@fallriverschools.org">kenpacheco@fallriverschools.org</a>	217,816	Building: May 31, 2021 Sitework: August 24, 2022  (N) / (R)
P	St. Sch. D.D. C.D. A.C.	 <b>Kennedy Middle School</b> 165 Mill Street Natick, MA 01760  James S. Jordan, AIA	 <b>Natick Public Schools</b> 13 East Central Street Natick, MA 01760  Anna Nolin, Superintendent of Schools (508) 647-6500 <a href="mailto:anolin@natickps.org">anolin@natickps.org</a>	87,252	Building: November 16, 2020 Sitework: May 16, 2022  (N)

\*P = Principal; C = Consultant; JV = Joint Venture; St. = Study; Sch. = Schematic; D.D. = Design Development; C.D. = Construction Documents; A.C. = Administration of Contract

# Section 9







# Somerset Middle School

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: **18**

# of Active Projects: **6 = (3) D.D., (1) C.D., (2) C.A.**

Total Construction Cost (In Thousands) of Active Projects (excluding studies): **483,913**

Role (P, C, JV*)	Phase (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 Complete)	Completion Date (Actual or Estimated) (R) Renovation, (N) New
P	St. Sch. D.D. C.D. A.C.	 <b>Cunniff Elementary School</b> 246 Warren Street Watertown, MA 02472 L. Scott Dunlap, AIA	 <b>Town of Watertown</b> 149 Main Street Watertown, MA 02472 Mark S. Sideris, Watertown School Building Committee Chairman and Town Council President (617) 827-2996 (cell) <a href="mailto:msideris@watertown-ma.gov">msideris@watertown-ma.gov</a>	38,093	Building Substantial Completion: September 2023 Sitework: September 2024 (N)
P	St. Sch. D.D. C.D. A.C.	 <b>Hosmer Elementary School</b> 1 Concord Road Watertown, MA 02472 L. Scott Dunlap, AIA	 <b>Town of Watertown</b> 149 Main Street Watertown, MA 02472 Mark S. Sideris, Watertown School Building Committee Chairman and Town Council President (617) 827-2996 (cell) <a href="mailto:msideris@watertown-ma.gov">msideris@watertown-ma.gov</a>	61,793	Building Substantial Completion: September 2023 Sitework: September 2024 (N)
P	St. Sch. D.D. C.D. A.C.	 <b>Lowell Elementary School</b> 175 Orchard Street Watertown, MA 02472 L. Scott Dunlap, AIA	 <b>Town of Watertown</b> 149 Main Street Watertown, MA 02472 Mark S. Sideris, Watertown School Building Committee Chairman and Town Council President (617) 827-2996 (cell) <a href="mailto:msideris@watertown-ma.gov">msideris@watertown-ma.gov</a>	31,724	Building Substantial Completion: September 2023 Sitework: September 2024 (R) / (N)



\*P = Principal; C = Consultant; JV = Joint Venture; St. = Study; Sch. = Schematic; D.D. = Design Development; C.D. = Construction Documents; A.C. = Administration of Contract



# Section 10: Project Approach

## Understanding the Existing Somerset Middle School Neighborhood and Campus

The Somerset Middle School is located on a 26.2-acre town parcel nestled within a residential neighborhood and adjacent to the South Elementary School and South Athletic Complex. A well-planned Somerset Middle School will begin with the surrounding site and neighborhood context, and there are several critical components to making this a truly integrated school/community campus with learning and fitness opportunities for both the community and the



school. The newly proposed project also provides a fantastic opportunity to dovetail into the ongoing town-wide master planning process. The initial input provided by the community as part of this process and suggested long-range goals includes improved outdoor recreational facilities, bicycle and pedestrian access, and development of walking and bike paths throughout the community. The community values the enhancement of outdoor opportunities for both school and community use. As part of the feasibility study process, we propose to engage the community in a collaborative design process that will benefit the school and the community. Our proposed concepts for the site include a multi-station Fitness, Academic, and Nature (FAN) trail that wraps the entire perimeter of the campus and weaves its way through the upper wooded area of the site; while simultaneously connecting to the school, neighborhood, and potential future town-wide network of trails. The trail could even form a pathway that flows through the proposed building, successfully reinforcing indoor/outdoor educational connections. We also propose to organize the FAN trail to capture surrounding wetland areas and create outdoor "bio labs" which are closely integrated with indoor science opportunities. The proposed trail could wind its way around a shared woodland play structure that includes natural trees, stumps, and timber-built lookout canopies. We would propose that the school campus include outdoor

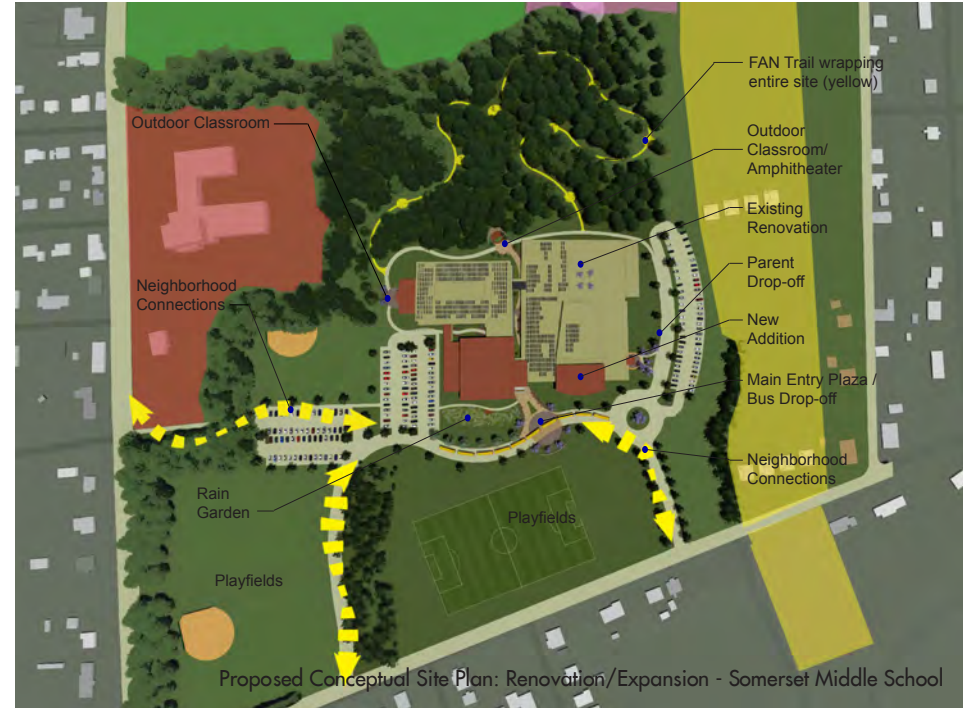


Updated July 2016

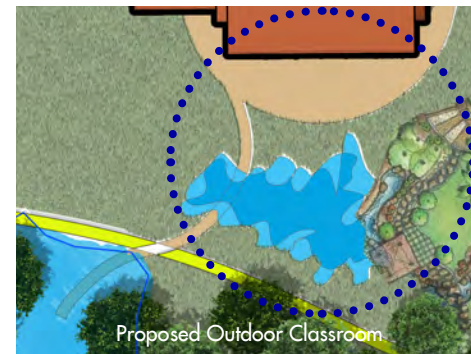
## Somerset Middle School

rain gardens, as these were successfully integrated into science labs, outdoor learning labs, and outdoor dining spaces at the new Somerset-Berkley Regional High School.

The proposed concepts would also include resolving the District's current bus and vehicular traffic issues related to the middle school site. The solution would provide a clearly delineated and separated bus, vehicular, and pedestrian traffic organization on site, separate entrances into the site from Brayton Avenue, and appropriately distributed parking and drop-off areas.



In order to demonstrate our understanding of and proposed approach to the project, we have developed concepts for an integrated building/site/neighborhood solution that include both a renovation/expansion of the existing Somerset Middle School and an "all new" construction concept. Both concepts incorporate strategies for integrating and blending the natural site



Municipalities & Other Public Agencies Form - Page 77



# Section 10: Project Approach

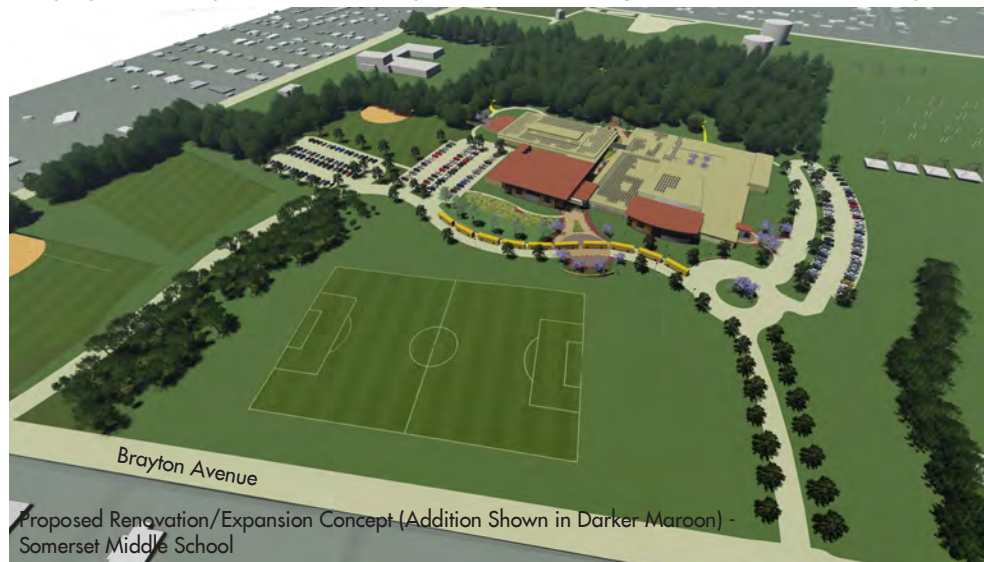
features and designed educational zones with the building related features into a collective campus in order to enhance opportunities for all students.

## Understanding the Existing Somerset Middle School Facility

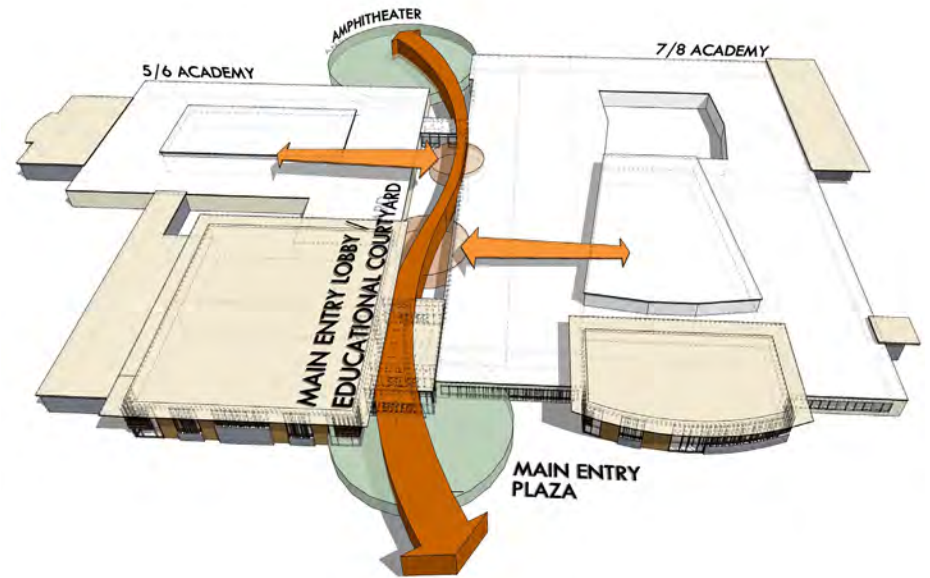
One might assume that the existing Somerset Middle School building is a typical example of 1960s school facility design in the Commonwealth, with multi-story academic wings where classrooms are stacked along narrow corridors and have functional connectivity to larger support spaces. However, this is not the case, as the Middle School contains many planning and organizational attributes that demonstrate the Town was highly focused on developing a thoughtful and progressive approach to the educational environment; one that provided a positive influence on teaching and learning for decades. The school's single-story campus plan wraps around internal courtyards and provides natural lighting and outdoor access to almost all occupied spaces. Key areas like the media center and student dining provide direct access to outdoor courtyards and, despite their age, the courtyards remain a strong, well-maintained part of the educational environment. The 600-seat theatrical auditorium includes an oversized stage and proscenium opening with side aprons that "wrap" the audience and house seating. The rear of the stage includes an operable demising wall that opens to an adjacent stadium-style seating venue; allowing it to serve multiple theatrical, choral, and academic functions. The performing arts program also includes a well-proportioned music classroom with outdoor access, completing a collection of program space that demonstrates the Town's longstanding commitment to the performing arts. Even the gymnasium, with its circular floor plan, incorporates additional programmatic space to allow for enhanced program offerings.

After many decades of service, the building has numerous physical deficiencies. It also lacks modern strategies for energy efficiency that impacts exterior walls, exterior windows, roof, building systems, and technology integration. Although forward-thinking for the 1960s, it has organizational and programmatic challenges which compromise 21st Century learning strategies. For example, the 1969 addition was a fully "open classroom" concept and remains in that configuration today. The 1969 addition also compromised the existence of a clear and identifiable building entry.

Our proposed concept for renovation/expansion of the existing middle school enhances the positive

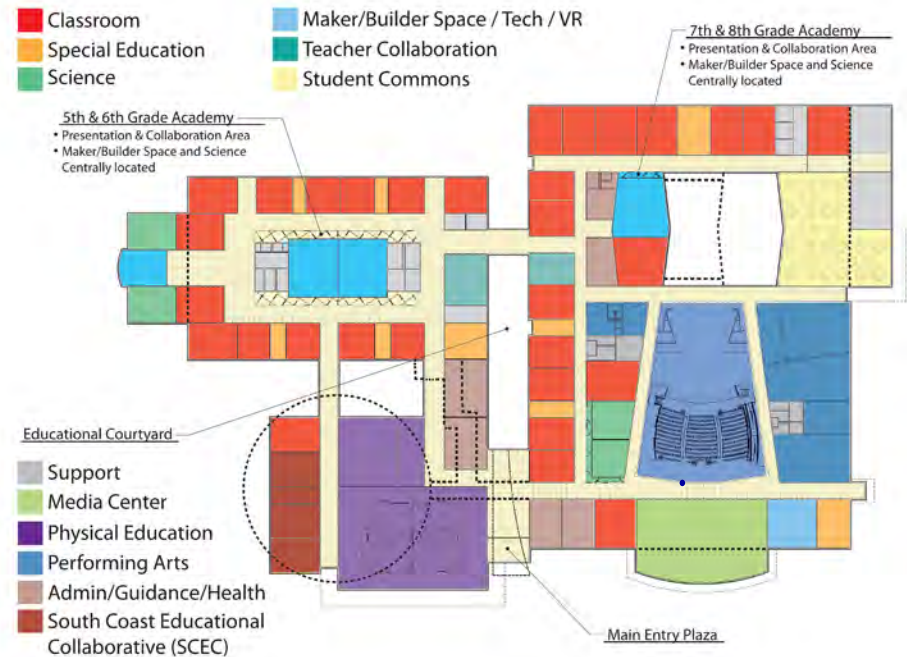


Updated July 2016



Proposed Building Concept Diagram: Renovation/Expansion

Proposed Floor Plan: Renovation/Expansion Concept





## Section 10: Project Approach



Proposed New Entry Plaza and Lobby - Somerset Middle School

attributes of the existing building, and resolves all of its challenges, including a completely new exterior aesthetic along the main facade visible from Brayton Avenue. We propose creating a new, secure, clearly identifiable main entrance and building control point, a contemporary main entrance lobby that includes a video wall, student exhibit space, living green wall, and natural daylighting, with an adjacent secure educational courtyard. A newly expanded athletics program and appropriately sized library media center would complement the main entrance and transform the main building façade. We also propose wrapping the existing building with additional program space in order to create a modern exterior aesthetic.

We propose utilizing and transforming the original 600-seat auditorium, stage, and adjacent program space into a state-of-the-art music and theater arts performance facility to adequately support the existing award-winning music and performing arts programs.

We feel that both the renovation/expansion concepts and the “all new” concepts that are ultimately generated should achieve all goals of a forward-thinking, flexible, and inspirational environment for students and teachers, and we have identified some of these goals as follows:

### Organizing the Academies

The Somerset Middle School should provide students and faculty with the same organizational opportunities that we incorporated into each of our modern middle school designs. This includes separation between the 5/6 and 7/8 learning academies, which recognizes the differing physical and emotional development of these students. These academies create two “schools within the school”, each being sized for approximately 385-400 pupils, an ideal size for middle school environments. The academies are further subdivided into grade-level integrated teams where students and staff are afforded the opportunity to work horizontally and/or vertically in an interdisciplinary way. Teams in the lower academy can include grade 5 teams, 5/6 teams, or grade 6 teams; while teams in the upper academy have a similar flexibility of organization. The

## Somerset Middle School

ability to blend grade-level teams within each academy offers beneficial advanced placement opportunities that have traditionally only been available to students at the high school level. The physical organization of these classrooms and teams is critical, as the successful teams at the Quincy Sterling Middle School and Beverly Middle School each have outdoor learning courtyards, team presentation and collaboration space, indoor/outdoor connectivity, and a physical arrangement that promotes flexibility.

### Creating the Most Outstanding Middle School in the Commonwealth

We believe that Ai3 and the Somerset Public Schools have tremendous synergy and can create the most outstanding middle school in the Commonwealth. We have the confidence and faith of the Somerset community, and share the same passion for transforming education. Ai3 has recently advanced many forward-thinking strategies in our designs for the new Beverly Middle School and the new Quincy Sterling Middle School. These projects received numerous accolades from the MSBA Facilities Assessment Subcommittee for their progressive educational plans and their commitment to manifesting those plans in a visionary building design. We also know that Dr. Camara, the Somerset School Committee, and the Somerset Middle School Building Committee are fully committed to raising the bar for this particular facility, energized by the enthusiasm surrounding the new Somerset-Berkley Regional High School. We propose to exceed these expectations by focusing on the “complete student experience”, designing an environment that considers the social, emotional, psychological, and educational needs of the student from arrival until departure, and developing architectural solutions that influence this experience. The 21st Century student has already developed a keen ability to rapidly process multiple stimuli as a result of the increasing speed with which technology can deliver content, communication, and experience. In lieu of thinking about student arrival as a purely functional task of getting from point A to point B, we would propose that the building environment provide a more rewarding and inspirational experience as part of this process. We also want to utilize the entire school environment as a tool for promoting skills such as: analytical, creative thinking, and problem-solving; integrity and ethical decision-making; effective multi-modal communication; collaboration, leadership, teamwork, and innovation; and the student as producer and creator. This can be done in an environment that facilitates experiential skills and influences, seeking to motivate and inspire students to think about education and socialization in new ways; passively and actively enhancing mood, movement, thought, and collaboration. We



Team Collaboration & Presentation Space: Quincy Sterling Middle School by Ai3 Architects



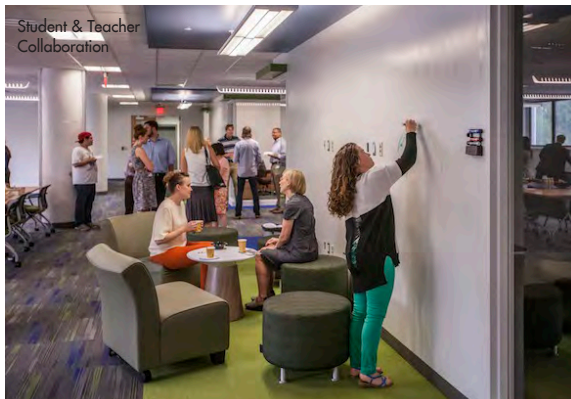
# Section 10: Project Approach

propose to explore the advantages of transparency within the educational environment, as students and staff observe learning in a dynamic environment where activity and learning are always on display, both through the observation of ongoing activities and the physical exhibition of student work. Presentation and collaboration opportunities will be abundant, as project-based learning and differentiated instruction are key components in developing 21st Century skills. We intend to capitalize on the value of indoor/outdoor connectivity, allowing students to learn holistically about the health and beauty of the natural world that sustains them.



## A Virtual Learning Experience - STEAM on Steroids

Technology now allows us to incorporate components of a virtual experience to any space within the educational environment. It also allows us to design classrooms and labs that include opportunities for students to participate in experiential learning that replicates the most important experiences in Science, Technology, Engineering, Arts, and Math. The forward-thinking middle school environment can provide a blueprint for how all of the emerging virtual technologies can be incorporated to create a flexible, evolving environment that addresses all of the human senses. Advanced resources and experiences in the areas of media arts, graphic arts, and engineering can become a seamless part of the student's everyday activities, as technology allows us to integrate these resources into all areas. We propose to capitalize on this by creating team areas that organize the interior courtyards, hands-on project space, student exhibit areas, art and engineering labs, and dedicated classrooms into a contiguous and transparent environment. This team environment will include technology for the continuous display, exhibit, and expression of student work; allowing the creation of a living, evolving, inspiring, and personalized environment for interdisciplinary instruction.



Updated July 2016

# Somerset Middle School



Proposed Floor Plan:  
"All New" Concept



# Section 10: Project Approach



### Flexible Project and Instructional Space

Very few modern business or scientific spaces segregate instruction from application. The modern 21st Century middle school must be a flexible space which blurs any physical or visual boundaries between instruction and application. Students and facilitators must be able to collaborate in an environment where hands-on learning occurs as part of the instructional environment. The idea that you learn in one space and then execute in another space is no longer applicable, as these two things often occur simultaneously, and providing an appropriately flexible space is one of the key ingredients in fostering this educational process. Our proposed conceptual plans remove the boundaries between instruction and practice, while simultaneously incorporating secured indoor courtyards into each team area. This allows students to move seamlessly from instruction to application, in both an indoor and outdoor environment.



### Socialization, Learning, and Student Exhibit Space

Social skills and the success of communicating outside of the project/instructional environment are key elements in promoting positive student development. These are also critical components in addressing the “complete student experience”. Students must be afforded varying, informal socialization opportunities with their peers. These opportunities, when distributed throughout the school environment with less restrictions and/or boundaries, have proven to promote significantly more student collaboration while simultaneously reducing discipline problems. These socialization areas also provide a great opportunity to introduce another key element



in a vibrant school environment: Student Exhibit Space. Research indicates that distributing student project work within the school environment promotes student confidence, pride, and motivation. It also supports the overall mission of the school, demonstrating the varied learning opportunities and talents which exist within a dynamic student population. We propose to begin these exhibit areas at student arrival, incorporating opportunities into the site/campus, and continuing student exhibit and personalization at the building entry.

### Moving Beyond the Stereotypical School

Perhaps the most important component of our proposed approach is our desire to join Somerset in creating a campus that moves beyond the school environment as we know it today... a school environment that considers all available technology and architectural tools for the purpose



of changing the student and teacher experience. The creation of a dynamic environment that captures your senses upon entry and speaks to a learning culture which is evolving and changing every day. A school which contains thoughtful visual expressions of engineering and science through the innovative and creative use of real materials, real connections, and real building systems, combined with technology-driven imagery and virtualization that transforms the occupant to a different place...where art, science, technology, nature, and architecture become the platform for creating education for the future. For example, the integration of virtual reality technologies in the educational process is rapidly becoming one of the most viable and highly anticipated revolutions in educational delivery; and we believe the successful school of



# Section 10: Project Approach



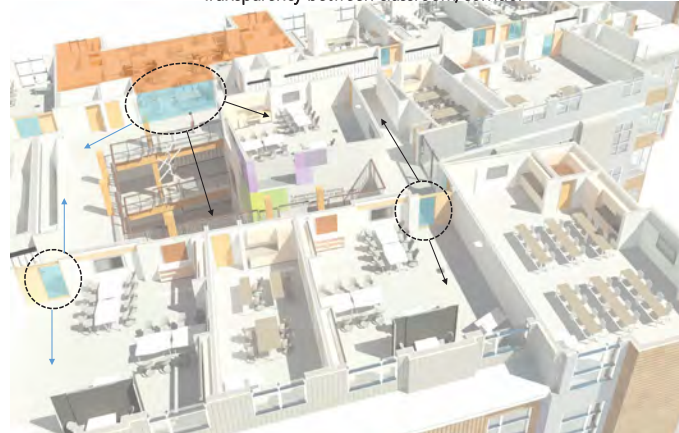
the future will carefully balance this and many other technologies with the appropriate expression of architectural and engineering components to become the "complete student experience", both real and simulated. An undeniable leap forward that represents the future of learning...a synergy that speaks to the limitless possibilities that are available when designer, client, and community all have the highest level of expectations.

## Safety and Security

The thoughtful planning and design of appropriate and effective passive and active school security measures can result in life-saving experiences. Safety and security begin at project inception with conversations surrounding the incorporation of passive site and building security design strategies.

### PASSIVE SAFETY THROUGH SITE & BUILDING ORGANIZATION

- Internal passive observation (transparency & translucency)
- Distributed leadership within the building
- Transparency between classroom/corridor



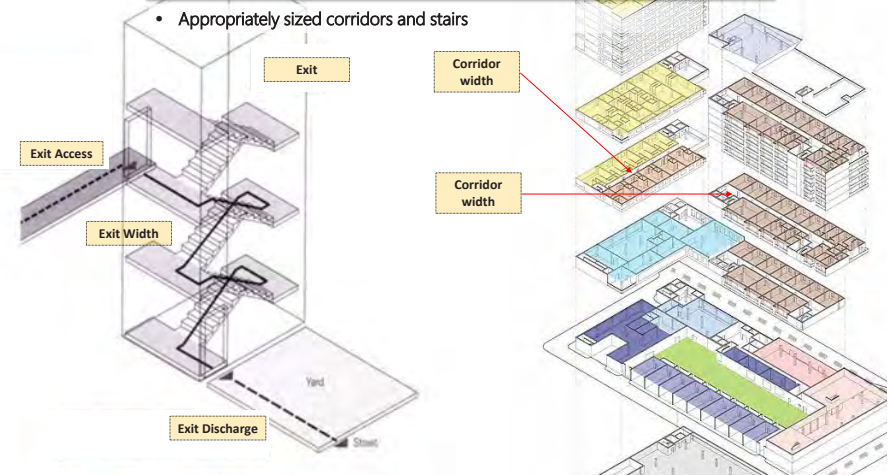
Updated July 2016

# Somerset Middle School

We ensure that the school facility, surrounding site, and entire campus is a welcoming place, yet highly secure through passive design strategies that are simple and cost-effective. Passive design strategies include site layout, building plan organization and adjacencies, and design strategies that promote safety. Visitors approaching the campus and associated facility are guided via architectural and landscape features and other natural wayfinding means. These features begin at the campus edge, through the site, and flow through the entire building. Ai3's passive design strategies include: a welcoming and controlled site entrance, clearly delineated site signage, easily identifiable vehicular and pedestrian pathways, ample and appropriately located parking, easily identifiable building entrance, direct views from key building locations to the site, controlled access points, low-height exterior landscaping and hardscaping, interior passive observation, strategic placement of interior and exterior windows, natural and detectable wayfinding strategies, and appropriately sized corridors, among many others.

Ai3 also has extensive and recent experience incorporating active design strategies, led by Ai3's in-house security and technology team design expert, John Jordan. We will guide Somerset from project inception through final project closeout and commissioning to make sure administrators, staff, and key community officials collaborate with us to define and understand the desired level of security for the Somerset Middle School campus. A place for learning, socialization, and community use must be both secure and welcoming to all users. We will collaborate with the district, including school administration, police, and fire officials, to develop a consistent and reliable plan for implementing and maintaining the necessary security equipment, and avoid systems that are overly complex or too expensive to maintain. The technology and electrical systems used to provide security are generally referred to as the "Active Security" components. We have extensive experience programming and designing these systems in middle school environments, including the use of active component strategies such as: video surveillance, access controls (card readers), closed circuit television (CCTV), emergency command centers, electrified door systems, door monitoring systems, and secure entry sequences.

### PASSIVE SAFETY THROUGH SITE & BUILDING ORGANIZATION





# Sections 11-16

Commonwealth of Massachusetts

11. Professional Liability Insurance:

Name of Company	Aggregate Amount	Policy Number	Expiration Date
Lexington Insurance Company	\$2,000,000	031710946	July 20, 2019

12. 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):

**NO, monies were not paid by Ai3 or on behalf of Ai3 as a result of professional liability claims occurring within the last 5 years and in excess of \$50,000 per incident.**

13. Name Of Sole Proprietor Or Names Of All Firm Partners And Officers:

Name	Title	MA Registration #	Status/Discipline
a. L. Scott Dunlap	a. Owner	a. 9292	a. Partner/Architecture
b. James S. Jordan	b. Owner	b. 10663	b. Partner/Architecture
c. Troy L. Randall	c. Owner	c. 10716	c. Partner/Architecture
d. Daren W. Sawyer	d. Owner	d. 10690	d. Partner/Architecture

14. If Corporation, Provide Names Of All Members Of The Board Of Directors:

Name	Title	MA Registration #	Status/Discipline
N/A	N/A	N/A	N/A

15. Names Of All Owners (Stocks Or Other Ownership):

Name	Percent Ownership	MA Registration #	Status/Discipline
a. L. Scott Dunlap	a. 35%	a. 9292	a. Partner/Architecture
b. James S. Jordan	b. 29%	b. 10663	b. Partner/Architecture
c. Troy L. Randall	c. 18%	c. 10716	c. Partner/Architecture
d. Daren W. Sawyer	d. 18%	d. 10690	d. Partner/Architecture

16. 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.

Submitted by \_\_\_\_\_ Printed Name and Title L. Scott Dunlap, Partner Date \_\_\_\_\_  
 (Signature)



# Somerset Middle School Designer Services



## Appendix

Certificate of Compliance with Minimum Requirements

MBE/WBE Certification of Compliance

ATTACHMENT D - Required Certifications

- Tax Certification
- Certificate of Non-Collusion
- Limited Liability Corporation Certificate as to Corporate Bidder
- Certificate of Non-Discrimination

Acknowledgment of Addenda

SDO Certification Letters

- Engineers Design Group, Inc.
- FS Engineers, Inc.
- Andelman & Lelek Engineering, Inc.
- Traverse Landscape Architects, LLC
- Welch Associates Land Surveyors, Inc.

Massachusetts Certified Public Purchasing Official Program (MCPPO) Certifications

- L. Scott Dunlap
- James Jordan
- Troy Randall
- Daren Sawyer



# Somerset Middle School Designer Services



## Certificate of Compliance with Minimum Requirements

I, \_\_\_\_\_, certify that **Ai3 Architects LLC** will meet the following minimum requirements in order to be eligible for selection as the Designer for the Somerset Middle School:

1. Be a qualified Designer within the meaning of M.G.L. Chapter 7C, Section 44, employing a Massachusetts Registered Architect responsible for and being in control of the services to be provided pursuant to the Contract;
2. The Massachusetts Registered Architect responsible for and in control of the services to be provided has successfully completed the Massachusetts Certified Public Purchasing Official Program seminar "Certification for School Project Designers and Owner's Project Managers" as administered by the Office of the Inspector General of the Commonwealth of Massachusetts, and must maintain certification by completing the "Recertification for School Project Designers and Owner's Project Managers" seminar every three years thereafter. Proof of recertification or registration in the next recertification seminar for which space is available must be provided; and
3. Pursuant to M.G.L. Chapter 7C, Section 6, the Designer must agree to contract with minority and women-owned businesses as certified by the Supplier Diversity Office (SDO). The amount of participation that shall be reserved for such enterprises shall not be less than seventeen and nine tenths percent (17.9%) of the design contract price for combined minority business enterprises and women-owned business enterprises. Applicants must include a reasonable representation of both MBE and WBE firms that meets or exceeds the combined goal.

# Somerset Middle School Designer Services



## MBE/WBE Certification of Compliance

**Ai3 Architects, LLC** understands that the Designer Contract must include a combined goal of 17.9% for MBE and WBE participation. We have reviewed the scope of work and established projected fees in order to confirm our ability to comply with this requirement. This letter is our certification that we will meet the project requirements through the use of the following consultants and their services:

### Structural Engineering

Engineers Design Group, Inc.

**MBE**

### Landscape Architecture

Traverse Landscape Architects, LLC

**WBE**

### Sustainable / Green Design / Renewable Energy Consultant

Andelman & Lelek Engineering, Inc.

**WBE**

### Geoenvironmental Engineering

FS Engineers, Inc.

**MBE**

### Site Surveying

Welch Associates Land Surveyors, Inc.

**WBE**



# Somerset Middle School Designer Services

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## ATTACHMENT D - REQUIRED CERTIFICATIONS Tax Certification

Pursuant to M.G.L. Chapter 62C, Section 49A, I certify under the penalties of perjury that I, to my best knowledge and belief, complied with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

**04-3458736** \_\_\_\_\_  
Social Security Number or  
Federal Identification Number

**Ai3 Architects, LLC** \_\_\_\_\_  
Signature of Individual or  
Corporate Name

By: \_\_\_\_\_  
**L. Scott Dunlap, Partner**  
Corporate Officer (if applicable)

# Somerset Middle School Designer Services

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## ATTACHMENT D - REQUIRED CERTIFICATIONS Certificate of Non-Collusion

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certificate, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

**Ai3 Architects, LLC** \_\_\_\_\_

Name of Business

By \_\_\_\_\_

**L. Scott Dunlap, Partner**

Signature of person signing bid or proposal

Dated **May 23, 2019** \_\_\_\_\_



# Somerset Middle School Designer Services



## ATTACHMENT D - REQUIRED CERTIFICATIONS Limited Liability Company Certificate as to Corporate Bidder

**Ai3 Architects, LLC** is a Limited Liability Company and not a Corporation. There are no Board of Directors and no Officers. The Company operates as a partnership under the rules and regulations of the Commonwealth of Massachusetts governing Limited Liability Companies.

Accordingly, a Massachusetts Annual Report – 2019 of Ai3 Architects LLC, a Limited Liability Company, under and pursuant to Chapter 156c of the Massachusetts Limited Liability Company Act, was filed with the Secretary of the Commonwealth on February 27, 2019 authorizing **L. Scott Dunlap and James S. Jordan** as Managers with the authority to execute contracts, deeds, and bonds in the name and on behalf of said Limited Liability Company; and such execution of any contract, deed, or obligation in the Limited Liability Company's name on its behalf of such Managers; their signatures being binding on this Company.

I hereby certify that the above described Annual Report has been filed.

I, **Kristen Baker**, as the Office Manager of the Limited Liability Company named as Respondent in the foregoing Request for Services (RFS) proposal, and that **L. Scott Dunlap**, who signed as said bidder for Request for Services proposal on behalf of the Limited Liability Company was then Manager of said Limited Liability Company, that I know his signature and that his signature thereto is genuine and that said response to RFS was duly signed, sealed and executed for and on behalf of said Limited Liability Company by authority of its governing body.

Signature: \_\_\_\_\_

Title: **Notary Public**

**Kristen L. Baker, Office Manager**  
Print Name and Title of Signatory

# Somerset Middle School Designer Services

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## ATTACHMENT D - REQUIRED CERTIFICATIONS Certificate of Non-Discrimination

The undersigned hereby certifies that it will not discriminate against any employee or applicant for employment on the basis of race, color, religion, creed, national origin, sex, status as of veteran, sexual orientation (which shall not include persons whose sexual orientation involves minor children as the sex object), age, genetic information, ancestry, pregnancy, or the handicap of a qualified handicapped person.

Signature: \_\_\_\_\_

Title: \_\_\_\_\_ **Manager** \_\_\_\_\_

**L. Scott Dunlap, Partner** \_\_\_\_\_  
Print Name and Title of Signatory

Date: \_\_\_\_\_ **May 23, 2019** \_\_\_\_\_



# Somerset Middle School Designer Services

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## Acknowledgment of Addenda

I hereby acknowledge receipt of the following addenda:

<b>ADDENDUM NUMBER</b>	<b>DATE ISSUED</b>
1	May 3, 2019

**May 23, 2019**  
Date

\_\_\_\_\_  
Signature of Person Signing Bid or Proposal

**Ai3 Architects, LLC**  
Name of Business





THE COMMONWEALTH OF MASSACHUSETTS  
Executive Office for Administration and Finance  
**OPERATIONAL SERVICES DIVISION**  
One Ashburton Place, Suite 1017  
Boston, MA 02108-1552

Charles D. Baker  
Governor  
Karyn E. Polito  
Lieutenant Governor  
Kristen Lepore  
Secretary  
Gary J. Lambert  
Assistant Secretary for  
Operational Services

May 10, 2017

Mr. Mehul Dhruv  
Engineers Design Group, Inc.  
350 Main Street  
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 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 7, 2020. 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.

**Engineers Design Group, Inc.**



# SDO Certification



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 [wso@state.ma.us](mailto:wso@state.ma.us).

Sincerely,

Handwritten signature of William M. McAvoy in blue ink.

William M. McAvoy  
Deputy Assistant Secretary and  
Chief Legal Counsel



**Engineers Design Group, Inc.**

# SDO Certification



THE COMMONWEALTH OF MASSACHUSETTS  
Executive Office for Administration and Finance  
**OPERATIONAL SERVICES DIVISION**  
One Ashburton Place, Suite 1017  
Boston, MA 02108-1552

Charles D. Baker  
Governor

Karyn E. Polito  
Lieutenant Governor

Michael J. Heffernan  
Secretary

Gary J. Lambert  
Assistant Secretary for  
Operational Services

March 22, 2018  
Dr. Farooq Siddique  
FS Engineers, Inc.  
42 Nonset Path, Suite 42-1  
Acton, MA 01720

Dear Dr. Siddique:

Congratulations! Your firm has been renewed as a minority business enterprise (MBE) with the Supplier Diversity Office (“SDO”) under the business description of ENVIRONMENTAL AND CIVIL ENGINEERING, HAZARDOUS MATERIAL SITE INVESTIGATION AND REMEDIATION, CIVIL SITE DESIGN, PERMITTING. 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 March 7, 2021. 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.

**FS Engineers, Inc.**



## SDO Certification



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 [wso@state.ma.us](mailto:wso@state.ma.us).

Sincerely,

Handwritten signature of William M. McAvoy in blue ink.

William M. McAvoy  
Deputy Assistant Secretary and  
Chief Legal Counsel



THE COMMONWEALTH OF MASSACHUSETTS  
Executive Office for Administration and Finance  
**OPERATIONAL SERVICES DIVISION**  
One Ashburton Place, Suite 1017  
Boston, MA 02108-1552

Charles D. Baker  
Governor

Karyn E. Polito  
Lieutenant Governor

Michael J. Heffernan  
Secretary

Gary J. Lambert  
Assistant Secretary for  
Operational Services

January 9, 2018  
Ms. Maria Lelek  
Andelman and Lelek Engineering, Inc.  
1408 Providence Highway  
Norwood, MA 02062

Dear Ms. Lelek:

Congratulations! Your firm has been renewed as a woman business enterprise (WBE) with the Supplier Diversity Office (“SDO”) under the business description of ENGINEERING CONSULTING AND DESIGN FIRM SPECIALIZING IN BUILDING ENERGY MODELING, ENERGY EFFICIENCY CONSULTING, COMMISSIONING SERVICES, DESIGN OF ENERGY EFFICIENT HVAC SYSTEMS, AND SUSTAINABLE BUILDING DEVELOPMENT AS RELATED TO MECHANICAL AND OTHER ENERGY CONSUMING BUILDING SYSTEMS. 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 12, 2021. SDO will send written renewal notices to your business and/or e-mail address on file approximately thirty (30) business days prior to

**Andelman & Lelek Engineering, Inc.**



## SDO Certification



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 [wtdo@state.ma.us](mailto:wtdo@state.ma.us).

Sincerely,

A handwritten signature in blue ink that reads "William M. McAvoy".

William M. McAvoy  
Deputy Assistant Secretary and  
Chief Legal Counsel





**OPERATIONAL SERVICES DIVISION**  
SUPPLIER DIVERSITY OFFICE

**THE COMMONWEALTH OF MASSACHUSETTS**  
Executive Office for Administration and Finance  
**OPERATIONAL SERVICES DIVISION**  
One Ashburton Place, Suite 1017  
Boston, MA 02108-1552

Charles D. Baker  
Governor

Karyn E. Polito  
Lieutenant Governor

Kristen Lepore  
Secretary

Kathleen K. Reilly  
Acting Assistant Secretary for  
Operational Services

January 26, 2017

Ms. Kris M. Bradner  
Birchwood Design Group, LLC  
150 Chestnut Street, 4th Floor  
Providence, RI 02903

Dear Ms. Bradner:

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 DESIGN AND PLANNING 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 WBE is valid for three (3) years unless revoked pursuant to 425 CMR 2.00.

Your firm's next renewal date is January 24, 2020. 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

**Traverse Landscape Architects, LLC**



# SDO Certification



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 [wado@state.ma.us](mailto:wado@state.ma.us).

Sincerely,

Handwritten signature of William M. McAvoy in blue ink.

William M. McAvoy  
Deputy Assistant Secretary and  
Chief Legal Counsel



THE COMMONWEALTH OF MASSACHUSETTS  
Executive Office for Administration and Finance  
**OPERATIONAL SERVICES DIVISION**  
One Ashburton Place, Suite 1017  
Boston, MA 02108-1552

Charles D. Baker  
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Lieutenant Governor

Kristen Lepore  
Secretary

Gary J. Lambert  
Assistant Secretary for  
Operational Services

September 28, 2016

Ms. Pamela Welch  
Welch Associates Land Surveyors, Inc.  
218 North Main Street  
West Bridgewater, MA 02379

Dear Ms. Welch:

Congratulations! Your firm has been renewed as a woman business enterprise (WBE) with the Supplier Diversity Office ("SDO") under the business description of LAND SURVEYING: CONSTRUCTION LAYOUT, BOUNDARY, TITLE INSURANCE, TOPOGRAPHIC, HYDROGRAPHIC, LAND COURT SUBDIVISION, UTILITY, WETLAND, GPS, ETC. 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 October 16, 2019. 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

**Welch Associates Land Surveyors, Inc.**



# SDO Certification



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 [wso@state.ma.us](mailto:wso@state.ma.us).

Sincerely,

A handwritten signature in blue ink that reads "William M. McAvoy". The signature is written in a cursive style.

William M. McAvoy  
Deputy Assistant Secretary and  
Chief Legal Counsel



*The Commonwealth of Massachusetts  
Office of the Inspector General  
One Ashburton Place, Boston, MA 02108*



## ***Massachusetts Certified Public Purchasing Official Program***

*Hereby presents this certificate to*

***L. Scott Dunlap***

*for successful completion of*

***Recertification for School Project Designers and Owner's Project Managers***

*Boston, Massachusetts  
October 19, 2017*

*Glenn A. Cunha  
Inspector General*



7 CPE Credits – “In accordance with the standards of the National Registry of CPE Sponsors, CPE credit has been granted based upon a 50-minute hour.”

The Massachusetts Office of the Inspector General is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credit. Complaints regarding registered sponsors may be submitted to the National Registry of CPE Sponsors through its website: [www.NASBARegistry.org](http://www.NASBARegistry.org).

Sponsor ID#103866  
Field of Study: Specialized Knowledge and Applications  
Instructional/Delivery Method: Group-Live

**PDP**

Qualifies for 7 Professional Development Points based on the State Plan for Professional Development

The Massachusetts Office of the Inspector General is registered with the Department of Elementary & Secondary Education to award professional development points (PDP).



Qualifies for 7 MCPPO points toward recertification





*The Commonwealth of Massachusetts  
Office of the Inspector General  
One Ashburton Place, Boston, MA 02108*



## ***Massachusetts Certified Public Purchasing Official Program***

*Hereby presents this certificate to*

***James Jordan***

*for successful completion of*

***Recertification for School Project Designers and Owner's Project Managers***

*Boston, Massachusetts  
October 19, 2017*

*Glenn A. Cunha  
Inspector General*



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Sponsor ID#103866  
Field of Study: Specialized Knowledge and Applications  
Instructional/Delivery Method: Group-Live

**PDP**

Qualifies for 7 Professional Development Points based on the State Plan for Professional Development

The Massachusetts Office of the Inspector General is registered with the Department of Elementary & Secondary Education to award professional development points (PDP).



Qualifies for 7 MCPPO points toward recertification



*The Commonwealth of Massachusetts  
Office of the Inspector General  
One Ashburton Place, Boston, MA 02108*



## ***Massachusetts Certified Public Purchasing Official Program***

*Hereby presents this certificate to*

***Troy Randall***

*for successful completion of*

***Recertification for School Project Designers and Owner's Project Managers***

*Boston, Massachusetts  
October 19, 2017*

*Glenn A. Cunha  
Inspector General*



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Sponsor ID#103866  
Field of Study: Specialized Knowledge and Applications  
Instructional/Delivery Method: Group-Live

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The Massachusetts Office of the Inspector General is registered with the Department of Elementary & Secondary Education to award professional development points (PDP).



Qualifies for 7 MCPPO points toward recertification





*The Commonwealth of Massachusetts  
Office of the Inspector General  
One Ashburton Place, Boston, MA 02108*



## ***Massachusetts Certified Public Purchasing Official Program***

*Hereby presents this certificate to*

***Daren Sawyer***

*for successful completion of*

***Recertification for School Project Designers and Owner's Project Managers***

*Boston, Massachusetts  
October 19, 2017*

*Glenn A. Cunha  
Inspector General*



7 CPE Credits – “In accordance with the standards of the National Registry of CPE Sponsors, CPE credit has been granted based upon a 50-minute hour.”

The Massachusetts Office of the Inspector General is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credit. Complaints regarding registered sponsors may be submitted to the National Registry of CPE Sponsors through its website: [www.NASBARegistry.org](http://www.NASBARegistry.org).

Sponsor ID#103866  
Field of Study: Specialized Knowledge and Applications  
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