

1. Cover Page

SAAM ARCHITECTURE



Project Title: DYS Taunton - Southeast Regional Youth Service Center

Awarding Agency: Division of Capital Asset
Management & Maintenance (DCAMM)

DSB List # **22-20**

Project # **DYS2201**

Project Location: **Taunton, MA**

User Agency Name: **Department of Youth
Service (DYS)**

Prime Firm Information

Main Office Address

**283 Franklin Street, 6th Floor
Boston
Massachusetts**

MA Licensed Architects: **10**

MA Licensed Engineers: **0**

Principal-in-Charge

Diana Nicklaus

Total employees: **20**

MA based employees: **15**

Project Manager(s)

Study: **Kristin Tedford**

Design: **Kristin Tedford**

Secondary Office Address

Project Activity

Prime DBE Status

of Total Active Projects: 20
Total ECC of Active Projects: \$551,606,000.00

of Total Active MA State Projects: 4
Total ECC of Active MA State Projects:
\$41,806,000.00

Minority Owned Business (MBE) ☐
Woman Owned Business (WBE) ☐
Veteran Owned Business (VBE) ☐
Service Disabled Veteran Owned (SDVOBE) ☐
Disadvantaged Business Enterprise (DBE) ☐

Disability Owned Business Enterprise (DOBE) ☐
LGBT Business Enterprise (LGBTBE) ☐
Portuguese Business Enterprise (PBE) ☐
Small Business Purchasing Program (SBPP) ☐

Team Composition	Team Contact	Firm Name	DBE Status	Registration
Architect	Diana Nicklaus	SAAM ARCHITECTURE	WBE	31102
Landscape Architect	Shauna Gillies-Smith	GROUND INC	WBE	1556
Interior Designer	Kristin Tedford	SAAM ARCHITECTURE	WBE	952436
Civil Engineer	James Thorne, P.E.	GREEN INTERNATIONAL AFFILIATES, INC.	MBE	54912
Electrical Engineer	Dennis Sepavich	RMF ENGINEERING, INC.	N/A	45238

Mechanical Engineer	Stephanie Lafontaine	RMF ENGINEERING, INC.	N/A	48760
Structural Engineer	Balram Chamaria	B+AC, LLC	MBE	52338
Specifications Consultant	Mark Kalin	KALIN ASSOCIATES INC.	N/A	4657
Cost Estimator	Owain Jones	DHARAM CONSULTING	MBE	001366823
MA Building Code Consultant	Ted Dow	JENSEN HUGHES, INC.	N/A	47848
Historic Preservation Consultant	Lisa Howe	BUILDING CONSERVATION ASSOCIATES, INC.	N/A	N/A
Hazardous Materials Consultant	Cindee Campisano	ENVIRONMENTAL HEALTH AND ENGINEERING	N/A	N/A
Behavioral Health Specialists	Gary Graham, FAIA	GMI ARCHITECTS	N/A	MA 3945

2. Evaluations & References

Public Agency Evaluations	Evaluator Comments
<p>Overall score: 4/4</p> <p>Prepared By: Title: Hascom Aircraft Fire-Fighting ans US Customs Border Protection Facility Agency:</p> <p>Consultant Project Completion Date: 2019-08-07T00:00:00</p>	<p>The SAAM team did a really great job on this complicated project.The project is located on an active airfield. The design was beautifully executed in collaboration with stakeholders.All budget and schedule requirements were very successfully met.</p>
<p>Overall score: 4/4</p> <p>Prepared By: Title: Hascom Aircraft Fire-Fighting ans US Customs Border Protection Facility Agency:</p> <p>Consultant Project Completion Date: 2019-08-07T00:00:00</p>	<p>The SAAM team did a really great job on this complicated project.The project is located on an active airfield. The design was beautifully executed in collaboration with stakeholders.All budget and schedule requirements were very successfully met. The project achieved LEED SILVER certification.</p>
<p>Overall score: 4/4</p> <p>Prepared By: Title: Hanscom Aircraft Fire-Fighting and US Customs Border Protection - Massport Agency:</p> <p>Consultant Project Completion Date: 2019-08-07T00:00:00</p>	<p>The SAAM team did an excellent job on this complicated project. The project is located on an active airfield. The design was beautifully executed in collaboration with stakeholders. All budget and schedule requirements were very successfully met. The project achieved LEED SILVER certification</p>
<p>Overall score: 4/4</p> <p>Prepared By: Title: Hanscom Aircraft Fire-Fighting and US Customs Border Protection - Massport Agency:</p> <p>Consultant Project Completion Date: 2019-08-07T00:00:00</p>	<p>The SAAM team did an excellent job on this complicated project. The project is located on an active airfield. The design was beautifully executed in collaboration with stakeholders. All budget and schedule requirements were very successfully met. The project achieved LEED SILVER certification.</p>

Client References

Comments

Overall score: 4/4

Prepared By: **Jason Obrebski**

Title: **Replace Roofing Systems Enlisted Barracks**

Agency: **Military Division**

Consultant Project Completion Date:

Yujie Jin was is the LEED Architect, Design and CA Services PM assigned from SAAM Architects. Yujie's effective communication and attention to details has been and continues to be valuable to these projects. Her level of expertise, professionalism and dedication has exceed agency expectations and has fostered a level of trust that the agency values greatly. She has looked out for the best interest of the agency and these projects through quality work, successful scheduling techniques and successful budgeting techniques.

3. Resumes

Saam Architecture

Architecture

Diana Nicklaus, AIA, LEED BD+C, MCPPO

Project Role:
Principal-in-Charge

MA Registration Type and #:
Architecture, #31102

Years w/ Firm: **8**
Total Years Experience: **25**

Additional registrations / certifications:

Registered Architect:
NY, ME, NH, CT, RI, ND
LEED BD+C, MCPPO, NCARB

Availability:
50%
Crocker Elementary: 10%
McCormack Future of Work: 30%
Office Management: 10%

Applicant Office Address:
283 Franklin Street, 6th Floor
Boston, MA 02110

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architecture



Diana's portfolio includes high-profile, large-scale institutional projects, including those in the institutional, healthcare, higher education, commercial, cultural arts, and K-12 education sectors, among others. She has practiced architecture in both the United States and Italy, with projects throughout the continental U.S. and Europe. She is dedicated to enabling successful delivery of the design vision for the client and the entire project team. Diana's professional interests include supporting and encouraging diversity in the construction industry.

City of Boston Engagement Center, Boston, MA: Principal-in-Charge. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the day. This new 6,000-square-foot building was designed to include several sustainable design practices, aligned with City standards and initiatives. (2021)

Westborough State Hospital Allen Hall Upgrades, Westborough, MA: Principal-in-Charge for a series of bathroom upgrades at Westborough State Hospital, which is owned and operated by the Department of Youth Services (DYS). The four-story facility required building upgrades so the DMH could proceed with a new youth program to house 30 adolescents of mixed gender on two floors, with 15 occupants per floor in individual rooms. The building's other two levels were organized into an admin floor and academic floor. (2021)

Massport Airfield Rescue and Fire Fighting (ARFF) Facility, Hanscom Airfield, Bedford, MA: Principal-in-Charge. The new ARFF provides a high level of response for Massport fire fighters and supports the programmatic needs of the department in compliance with the FAA recommended program. The project is pursuing the highest level of sustainability design possible. (2019)

Community Health Center of Cape Cod Addition, Mashpee, MA: Principal-in-Charge and Project Manager for the design of a 22,000 sf addition to a community ambulatory care center. (*At Burt Hill/Stantec*) (2013)

Chelsea Soldiers' Home House Doctor, Chelsea, MA: Principal-in-Charge and Project Manager for seven certifiable studies for ADA and campus upgrades at this historic site. Diana provided study and design documents for deferred maintenance projects. Project scope included reviewing the accessibility of the six-story building, which houses four stories of live-in residents, as well as caters to doctors, nurses, and social workers.

Tewksbury Hospital House Doctor, Tewksbury, MA: Project Manager. Provided study and design documents for deferred maintenance projects at this historic campus for citizens of the state. (*At Burt Hill/Stantec*)

MSBA / Crocker Elementary School, Fitchburg, MA: Principal-in-Charge working on feasibility through design on a new 116,000 gsf \$50–60 million elementary school. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Division of Capital Asset Management and Maintenance, Boston, MA

- **John W. McCormack Building Renovations—Future of Work:** Principal-in-Charge. Implementation of the Commonwealth's \$50 million initiative to convert to a hybrid model of part time work from home. Saam is managing the office space requirements of 15 state agencies, as well as supporting upgrades of electrical and IDF closets throughout the building. This complex three-phase restack will be completed over 30 months of construction. From test fits to construction administration, this project will restack this state office tower. (2023)
- **John W. McCormack Building—Immediate Needs:** Principal-in-Charge. The McCormack Immediate Needs project is a renovation at the One Ashburton Place building occupied by DCAMM. The project includes upgrades to MEP systems, restrooms, and accessibility throughout the building. (2021)
- **John W. McCormack Building Comprehensive Facilities Plan and Infrastructure Upgrades:** Principal-in-Charge. A comprehensive facilities plan for infrastructure upgrades and repairs, evaluating the building envelope, building systems, and common areas, as well as implementation of short term upgrades and full modernization project. The final report outlined numerous scenarios for phasing and implementation of a full building modernization, including building systems and envelope replacement. (2020)

3. Resumes

Saam Architecture

Architecture

Kristin Tedford, AIA, NCIDQ, LEED GA, WELL AP

Project Role:
Project Manager

MA Registration Type and #:
Architecture, #952436

Years w/ Firm: 4
Total Years Experience: 11

Additional registrations / certifications:
Registered Architect: CO
NCIDQ, WELL AP, LEED GA, NCARB

Availability:
50%
Crocker Elementary: 25%
McCormack Projects: 25%

Applicant Office Address:
283 Franklin Street, 6th Floor
Boston, MA 02110

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Kristin's background in a variety of project types gives her the tools to look at each project from multiple perspectives and problem solve to make every design a reality, working closely with clients to achieve their goals. Kristin is both a licensed architect and interior designer. In her professional career she has worked on many project types including institutional, healthcare, higher education K-12, food service, multi-family, and corporate/commercial.

City of Boston Engagement Center, Boston, MA: Architect. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the day. This new 6,000-square-foot building was designed to include several sustainable design practices. (2021)

Westborough State Hospital Allen Hall Upgrades, Westborough, MA: Project Manager for a series of bathroom upgrades at Westborough State Hospital, which is owned and operated by the Department of Youth Services (DYS). The four-story facility required building upgrades so the DMH could proceed with a new youth program to house 30 adolescents of mixed gender on two floors, with 15 occupants per floor in individual rooms. The building's other two levels were organized into an admin floor and academic floor. (2021)

Shattuck Hospital Replacement Building, Boston, MA: Architectural Designer/Planner. Saam is an associate architect to the SLAM Collaborative in this 8-story renovation project to relocate the existing hospital in Jamaica Plain to an existing structure in the South End. Kristin's role as part of the Diagnostics and Treatment team includes designing and coordinating some crucial hospital spaces such as the OR's, PACU, Pharmacy, Sterile Processing department, and various other accessory spaces. (2024)

MSBA / Crocker Elementary School, Fitchburg, MA: Architect / Interior Designer working on feasibility through design on a new 116,000 gsf \$50-60 million elementary school, including athletics. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Division of Capital Asset Management and Maintenance, Boston, MA

—**John W. McCormack Building 10th Floor OSD Office Renovations:** Project Manager / Interior Designer for a renovation of Office of Supplier Diversity office. Scope includes certified study through design and construction, and renovation of open and closed offices, conference rooms, and kitchenette. (2022)

—**John W. McCormack Building Security/Auditor Renovations:** Project Manager working on the renovation of approximately 1,800 sf of office space and reconfiguration of the DCAMM security rooms. Scope includes reconfigured furniture layout, improved acoustical performance, select new finishes and MEP/FP upgrades. (2022)

—**John W. McCormack Building—Immediate Needs:** Architect and Interior Designer. The McCormack Immediate Needs project is a renovation at the One Ashburton Place building occupied by DCAMM. The project includes upgrades to MEP systems, restrooms, and accessibility throughout the building. (2021)

UMass Memorial Hospital + Aramark: Job Captain for a new hospital café and lounge space for hospital patients, families, students, and staff. Responsibilities included designing the space and coordinating with consultants. (*Beacon Architectural Associates*)

City of Broomfield / Community Center Renovation and Addition, Broomfield, CO: Project Architect for a renovation/addition and reorganization of existing offices, classrooms, and senior facilities in a complicated phased out construction plan. (*Davis Partnership Architects*) (2020)

3. Resumes

Saam Architecture

Architecture

Chin Chin Yao, AIA, LEED BD+C

Project Role:
Project Architect

MA Registration Type and #:
Architecture, #50836

Years w/ Firm: **5**
Total Years Experience: **13**

Additional registrations / certifications:

Availability:
50%
Crocker Elementary: 50%

Applicant Office Address:
**283 Franklin Street, 6th Floor
Boston, MA 02110**

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architecture



Chin Chin brings a broad range of experience in new construction and historic renovations, including institutional, hospitality, higher education, K-12, civic/cultural, and residential throughout the Northeast. She has contributed collaboratively through all phases of architectural practice from early master planning and developing conceptual design studies, to leading consultant coordination and BIM management, to construction documentation and administration.

City of Boston Engagement Center, Boston, MA

Project Manager / Project Architect. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the

day. This new 6,000-square-foot building was designed to include several sustainable design practices, aligned with City standards and initiatives. (2021)

MSBA / Crocker Elementary School, Fitchburg, MA

Project Architect for a new 116,000 gsf \$50–60 million elementary school. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Warwick Public Schools / Comprehensive Model High Schools, Warwick, MA

Architect. In collaboration with Frank Locker Educational Planning and the City of Warwick School District, Saam developed a comprehensive master education and facilities plan that informed the development of a Comprehensive Model High School to be constructed at two locations. Efficiency of building layout and circulation is maximized on each site: relationships between interior building programming relates to the exterior programming, while interior circulation doubles as flexible academic spaces. (2021)

New England Conservatory / High Rise Dormitory, Performance Space, and Library, Boston, MA

Project Architect for a mixed-use, new construction 130,000 sf high-rise building with seven stories of dormitory, dining commons, two-story library, performance spaces with black box theatre, and orchestra rehearsal room, as well as an outdoor communal area that involved extending the sidewalk and providing accessible public space. Chin Chin worked on the project from Conceptual Design through Construction Administration with a focus on the performance spaces, coordinating with consultants and public areas of dining and student dormitory interiors. (At Ann Beha Architects)

Department of Defense / Building 1102 Renovation, Hanscom Air Force Base, Bedford, MA

Project Architect for a comprehensive rehabilitation and renovation of a 75,000 sf building at Hanscom AFB. Scope includes new offices, conference rooms, and other office support spaces. Much of the building is designated as secure space and involves sound isolation and physical security measures. (2021)

Northeastern University / 177 Huntington Avenue, Floors 13 and 22, Boston, MA

Project Manager / Project Architect of two 6,500 sf fitout of academic spaces, including areas for professors and their post-docs and graduate students, as well as support spaces, IT closet, kitchen, conference rooms, huddle space, and seminar area. The project created an open, inviting environment that brought academic and administrative groups together. (2020)

Yale University / Center for the Humanities, New Haven, CT

Architect / Project Designer. Renovation of an historic building complex combining humanities departments with offices, meeting rooms, classrooms, and an underground auditorium beneath a central courtyard. (At Ann Beha Architects)

3. Resumes

Saam Architecture

Architecture

Koos Louw

Project Role:
Project Designer

MA Registration Type and #:

Years w/ Firm: **8**
Total Years Experience: **30**

Additional registrations / certifications:
NCARB

Availability:
50%
Crocker Elementary 20%
New Bedford Airport: 20%
Office Management: 10%

Applicant Office Address:
283 Franklin Street, 6th Floor
Boston, MA 02110v

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Since launching his professional career in 1983, Koos has successfully completed residential, commercial, institutional, and healthcare projects for private clients, corporations, and state agencies in the United States, Africa, and the Middle East. He excels in developing collaboration strategies that are innovative and uniquely responsive to the specific requirements of each individual project or project pursuit. The demands of complex projects play well to his strengths, specifically his overall technical knowledge, team leadership skills, and ability to capitalize on design opportunities.

City of Boston Engagement Center, Boston, MA: Lead Designer. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the day. This new 6,000-square-foot building was designed to include several sustainable design practices, aligned with City standards and initiatives. (2021)

Massport Airfield Rescue and Fire Fighting (ARFF) Facility, Hanscom Airfield, Bedford, MA: Project Executive. The new ARFF provides a high level of response for Massport fire fighters and supports the programmatic needs of the department in compliance with the FAA recommended program. The project is pursuing the highest level of sustainability design possible. (2019)

Shattuck Hospital Replacement Building, Boston, MA: Collaborating Principal. Saam is an associate architect to the SLAM Collaborative in this 8-story renovation project to relocate the existing hospital in Jamaica Plain to an existing structure in the South End. (2024)

Community Health Center of Cape Cod Addition, Mashpee, MA: Project Executive for the design of a 22,000 sf addition to a community ambulatory care center. (At Burt Hill/Stantec) (2013)

MSBA / Crocker Elementary School, Fitchburg, MA: Lead Designer for a new 116,000 gsf \$50–60 million elementary school. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Warwick Public Schools / Comprehensive Model High Schools, Warwick, MA: Lead Designer. In collaboration with Frank Locker Educational Planning and the City of Warwick School District, Saam developed a comprehensive master education and facilities plan that informed the development of a Comprehensive Model High School to be constructed at two locations. Efficiency of building layout and circulation is maximized on each site: relationships between interior building programming relates to the exterior programming, while interior circulation doubles as flexible academic spaces. (2021)

MSBA / Roger E. Wellington Elementary School, Belmont, MA: Collaborating Principal for a new elementary school housing 680 students ranging from preschool to grade 4. The school is composed of two wings with a core of communal spaces, including a library, music rooms, and a cafetorium. This was a Chapter 149a public bid project and was completed in collaboration with Jonathan Levi Architects. (At Burt Hill/Stantec) (2011)

University of Massachusetts, various locations, MA (At Burt Hill/Stantec)

- **Integrative Learning Center, UMass Amherst:** Principal. This \$93 million, 173,000 sf building is equipped with the latest audiovisual devices and educational technologies, and accommodates up to 2,000 students.
- **Morrill Labs Renovation, UMass Amherst:** Principal-in Charge of a 20,000 sf renovation and modernization of three new faculty research laboratories and shared staff space.
- **Massachusetts Medical Device Development Center, UMass Lowell:** Principal-In-Charge of a 9,000 sf renovation of an historic building on the UMass Lowell campus into incubator space for start-up medical device companies.

3. Resumes

Saam Architecture

Architecture

Autumn Thompson, NCIDQ

Project Role:
Interior Designer

MA Registration Type and #:
Interior Design #36757

Years w/ Firm: **5**
Total Years Experience: **7**

Additional registrations / certifications:
NCIDQ, ASID, IIDA

Availability:
50%
Crocker Elementary: 25%
McCormack Projects: 25%

Applicant Office Address:
283 Franklin Street, 6th Floor
Boston, MA 02110

saam
architecture



Autumn is a registered interior designer and has worked on a wide range of project types, with experience in the institutional, healthcare, higher-ed, K-12, and corporate/commercial sectors. Her design language focuses on the role of light in revealing texture and she enjoys creating simple spaces with beautiful details. Autumn also leads Saam's educational series, coordinating topics that advance the knowledge of our entire team.

Engagement Center, Boston, MA: Interior Designer. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the day. This new 6,000-square-foot building was designed to include several sustainable design practices, aligned with City standards and initiatives. (2021)

Massport Airfield Rescue and Fire Fighting (ARFF) Facility, Hanscom Airfield, Bedford, MA: Interior Designer. The new ARFF provides a high level of response for Massport fire fighters and supports the programmatic needs of the department in compliance with the FAA recommended program. The project is pursuing the highest level of sustainability design possible. (2019)

MSBA / Crocker Elementary School, Fitchburg, MA: Interior Designer for a new 116,000 gsf \$50-60 million elementary schools. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Division of Capital Asset Management and Maintenance, Boston, MA

—**John W. McCormack Building Comprehensive Facilities Plan and Infrastructure Upgrades:** Interior Designer for a comprehensive facilities plan for infrastructure upgrades and repairs, evaluating the building envelope, building systems, and common areas, as well as implementation of short term upgrades and full modernization project. The project also includes ADA upgrades and envelope and window repair. (2020)

—**John W. McCormack Building Renovations—Future of Work:** Interior Designer. Implementation of the Commonwealth's \$50 million initiative to convert to a hybrid model of part time work from home. Saam is managing the office space requirements of 15 state agencies, as well as supporting upgrades of electrical and IDF closets throughout the building. This complex three-phase restack will be completed over 30 months of construction. From test fits to construction administration, the project will restack this 800,000 sf state office tower. (2023)

908 Devices, Inc, Headquarters, Boston, MA: Interior Designer for a 37,500 sf interior fitout. The open workspace includes a range of laboratory and manufacturing rooms, including R&D open labs, a controlled access lab, reliability labs, a machine shop, and a product demo room. Responsibilities included design development, finish selection, construction document production, construction administration, and client coordination. (2019)

Department of Defense, Hanscom Air Force Base, Bedford, MA

—**Building 1102 Renovation:** Interior Designer for a comprehensive rehabilitation and renovation of a 75,000 sf building at Hanscom Air Force Base. Scope includes new offices, conference rooms, and other office support spaces. Much of the building is designated as secure space and involves sound isolation and physical security measures. The project is currently in the CA phase. (2021)

—**Building 1108 Renovation:** Interior Designer for the renovation of a three-story 1950s building, including full MEP upgrades and envelope repair. This design-build project consists of the design, permitting, renovation, construction, and commissioning of a comprehensive rehabilitation of Building B1108 to house the Defense Contracting Management Agency (DCMA). Renovation scope includes gut renovation of interior office space, full window replacement, and new entrance.

3. Resumes

Ground, Inc.

Landscape Architecture

Shauna Gillies-Smith, ASLA, MAUD, LEED AP

Project Role:
Landscape Architecture

MA Registration Type and #:
Landscape Architecture, #1556

Years w/ Firm: **13**
Total Years Experience: **30**

Additional registrations / certifications:
**Landscape Architect, NH, CT, MI, ME
CLARB #2206 / LEED AP**

Availability:
25%

Applicant Office Address:
**285 Washington Street
Somerville, MA, 02143**



Shauna Gillies-Smith is the founding principal of GROUND and personally oversees the design direction of all the firm's projects. Trained first as an architect and urban designer, her shift to landscape practice was motivated by the desire to reveal the potentials of surprise and pleasure in the urban realm. Shauna's landscapes play a protagonist role in the experience of the city – creating unexpected moments of joy and engagement that craft the stage for the drama of urban life. The work strives to balance careful detailing and execution with comfort and openness in use, fully believing that urban landscapes need the dynamic participation of the public to be successful.

- DMH Taunton. Chambers Building. Secure Women's Addiction Treatment Unit **(149A, Taunton DCAMM)**
- DMH Taunton. Chambers Building. Section 35 Men's Unit **(Taunton DCAMM)**
- MASAC at Plymouth. Section 35. Facility Conditions Assessment. Plymouth, MA **(DCAMM)**
- Massasoit Campus Accessibility Upgrades **(DCAMM)**
- Soldiers' Home Renovation. Holyoke, MA **(DCAMM)**
- MassArt: Center for Design and Media, Boston, MA, LEED project **(149A, DCAMM)**
- Salem State University, Salem, MA **(149A, DCAMM)**
- MassArt Galleries Extension, Boston, MA **(149A)**
- MassArt Tree House Residence Hall, Boston, MA **(149A)**
- UMass Lowell: University Crossing, Lowell, MA, LEED project **(149A)**
- UMass Lowell: Leitch & Bourgeois Residence Renovation, MA **(149A)**
- Worcester Polytechnic Institute, Grove Street Residence, Worcester, MA, LEED project
- Mt. Holyoke College Center, South Hadley, MA
- Crozier Williams Campus Center, Connecticut College, New London, CT
- Smith College: Cutter + Ziskind Residence, Northampton, MA, LEED project
- Tufts Collaborative Learning and Innovation Complex, Medford, MA
- Keene State College, Living and Learning Commons, Keene, NH
- Smith College: Cutter + Ziskind Residence, Northampton, MA, LEED project
- Tufts Cummings Center, Medford, MA

Education

Harvard University, School of Design, Master of Urban Design/1995
University of British Columbia, Vancouver, B.C., Bachelor of Architecture/1990
Queen's University, Bachelor of Arts in Economics/1985



3. Resumes

Green International Affiliates, Inc.

Civil Engineering

Danielle Spicer, PE, LEED AP, ENV SP

Project Role:

**Project Manager,
Civil Engineering**

MA Registration Type and #:
Civil Engineering, MA #46067

Years w/ Firm: **11**

Total Years Experience: **24**

Additional registrations / certifications:

Availability:
30%

Applicant Office Address:

**100 Ames Pond Drive, Suite 200
Tewksbury, MA 01876**



Danielle Spicer's career as a Civil/Site Engineer and Project Manager spans more than 20 years and encompasses a wide range of project types that include: industrial, residential, commercial, roadway/highway and subdivision projects. She is a Massachusetts licensed Professional Engineer and she leads our Stormwater & Permitting Group. Her background features extensive experience in drainage design, stormwater management and hydrology.

Danielle also has an in-depth understanding of local, state and federal permitting requirements that are critical to the success of any project. As Project Manager, Danielle has proven experience in effectively managing projects from the initial stages to completion while keeping projects on schedule and within budget. Danielle manages our civil/site services for Beth Israel Lahey Health. She was also Green's Project Manager for the Massport Hanscom Airport Rescue and Fire Fighting (ARFF) Facility/ United States Customs and Border Protection Facility in Bedford, MA, where she was responsible for the design of the sewer, water and drainage systems, including a sewage pump station, under Green's subcontract with Saam Architecture for the new LEED Silver facility. She also oversaw the civil engineering services to support Saam's design for the renovation of the seventh floor of the Barnes Building under a U.S. Army Corps of Engineers (USACE) Indefinite Delivery/Indefinite Quantity (ID/IQ) contract and is currently managing the civil/site design for the relocation of the Main Gate complex at the Barnes Air National Guard Base under a Massachusetts Air National Guard (MANG) House Doctor Contract.

She is also Green's Project Manager for the civil/site design for the City of Boston Public Facilities Department, Area A-7 Police Station in East Boston.

Green International Affiliates, Inc.

Civil Engineering

James Thorne, PE

Project Role:

**Project Engineer,
Civil Engineering**

MA Registration Type and #:
Civil Engineering, MA #54912

Years w/ Firm: **9**

Total Years Experience: **9**

Additional registrations / certifications:

Availability:
30%

Applicant Office Address:

**100 Ames Pond Drive, Suite 200
Tewksbury, MA 01876**



James Thorne is a Massachusetts licensed Professional Engineer and a Project Manager in the Water Resources/Site Group with nine years of experience on numerous projects for municipalities, state transportation agencies and private clients. His background features extensive experience in drainage design, stormwater management and hydrology.

For Saam Architecture, Jim is currently managing our civil/site services for the Massachusetts Army National Guard's renovations to Shaw Hall at Camp Edwards. He also supported the civil/site design for the Massport ARFF Facility/ United States Customs and Border Protection Facility, the USACE's Barnes Building renovation, and the Massachusetts Air National Guard's relocation of the Barnes Air National Guard Base Main Gate complex.

Jim was also a staff engineer for the Weston State Police Barracks for MassDOT. The improvements included demolishing the existing building and constructing a new 7,400 sf building with associated utilities, parking, and landscaping. The civil site design included layout and building location, grading, drainage design, water, and sanitary line design, and parking layout and design.

3. Resumes

RMF Engineering, Inc

Mechanical Engineering (M/P/FP)

Stephanie Lafontaine, PE, LEED AP

Project Role:
Lead Mechanical Engineer

MA Registration Type and #:
Mechanical, #48760

Years w/ Firm: **1**
Total Years Experience: **16**

Additional registrations / certifications:
LEED Accredited Professional

Availability:
30%

Applicant Office Address:
**31 Milk Street
Suite 515
Boston, MA 02109**



Ms. Lafontaine is a Mechanical Engineer with over 16 years of experience. Ms. Lafontaine's background includes the study, design, and construction support services of mechanical systems and related components.

She has expertise in the design of HVAC systems for renovation in existing facilities which always begin with a thorough study of the existing conditions.

City of Boston New Engagement Center

Lead Mechanical Engineer. RMF provided MEP Engineering services for the design of the new 7,000 sf facility. The facility has high goals for energy efficiency, achieved through a high quality envelope, daylights, radiant heating in the floor, VRF with a dedicated outdoor air unit, and PV on the roof. The center offers amenities such as water, coffee, bathrooms, and showers. RMF used energy modeling to validate all envelope constructions and HVAC options at the schematic design level to determine the best balance between first cost and long-term energy savings.

Edenbridge PACE4DC

Mechanical Engineer. RMF completed an Interior fit-out of approximately 14,900 sf of elderly care space in a newly constructed building at Alabama Avenue Southeast in Washington, D.C. The scope of work included office space, reception area, day rooms, medical exam rooms, a rehabilitation space, restrooms, laundry room, oxygen storage closet, and commercial warming kitchen spaces.

Westborough High School Gymnasia HVAC Design

Project Manager/Lead Mechanical Engineer. Westborough High School was constructed in 1968 and had a large addition in 2001. Neither of the gymnasia in the facility are air-conditioned. RMF was engaged to design a system that would provide cooling to both of the spaces so that they could be used year-round by the community.

Buckingham Browne & Nichols School Athletic Facility Mechanical System Upgrades

Project Manager/Lead Mechanical Engineer. The BB&N Athletic Facility was built in 1996. This project is to replace the original roof top units to provide both heating and cooling, add energy recovery ventilation units to serve the ice rink and gymnasia, add dehumidification to the ice rink, and also replace the HVAC in the locker and office areas.

North Attleborough School District HVAC Study

Project Manager/Lead Mechanical Engineer. The North Attleborough Public Schools engaged RMF to carry out an assessment of the existing HVAC systems in all nine of their buildings to understand their filtration and ventilation capabilities as well as an overview of their preparedness for mitigating the spread of airborne infectious diseases such as COVID-19. RMF also made the recommendations for modifications to the systems for improvements to align with ASHRAE guidelines for equipment life expectancy.



3. Resumes

RMF Engineering, Inc.

Electrical Engineering

Dennis Sepavich, PE

Project Role:
Lead Electrical Engineer

MA Registration Type and #:
Electrical, #45238

Years w/ Firm: **16**
Total Years Experience: **25**

Additional registrations / certifications:
Electrical Journeyman

Availability:
30%

Applicant Office Address:
**194 Seven Farms Drive, Suite G
Charleston, SC 29492**



Mr. Sepavich is an electrical engineer with over 24 years of experience in electrical engineering design and construction. He has extensive experience in the design of power distribution, UPS systems, lighting, fire alarm, and emergency power generation and data communication systems for renovation projects for healthcare, educational, industrial and governmental clients. Mr. Sepavich's experience as a licensed Electrician provides a unique 'hands-on' approach to his engineering designs.

City of Boston New Engagement Center

Electrical Engineer. RMF provided MEP Engineering services for the design of the new 7,000 sf facility. The facility has high goals for energy efficiency, achieved through a high quality envelope, daylights, radiant heating in the floor, VRF with a dedicated outdoor air unit, and PV on the roof. The center offers amenities such as water, coffee, bathrooms, and showers. RMF used energy modeling to validate all envelope constructions and HVAC options at the schematic design level to determine the best balance between first cost and long-term energy savings.

Edenbridge PACE4DC

Electrical Engineer. RMF completed an Interior fit-out of approximately 14,900 sf of elderly care space in a newly constructed building at Alabama Avenue Southeast in Washington, D.C. The scope of work included office space, reception area, day rooms, medical exam rooms, a rehabilitation space, restrooms, laundry room, oxygen storage closet, and commercial warming kitchen spaces.

Westborough High School Gymnasium HVAC Design

Lead Electrical Engineer. Westborough High School was constructed in 1968 and had a large addition in 2001. Neither of the gymnasiums in the facility are air-conditioned. RMF was engaged to design a system that would provide cooling to both of the spaces so that they could be used year-round by the community.

Buckingham Browne & Nichols School Athletic Facility Mechanical System Upgrades

Lead Electrical Engineer. The BB&N Athletic Facility was built in 1996. This project is to replace the original roof top units to provide both heating and cooling, add energy recovery ventilation units to serve the ice rink and gymnasium, add dehumidification to the ice rink, and also replace the HVAC in the locker and office areas.

North Attleborough School District HVAC Study

Lead Electrical Engineer. The North Attleborough Public Schools engaged RMF to carry out an assessment of the existing HVAC systems in all nine of their buildings to understand their filtration and ventilation capabilities as well as an overview of their preparedness for mitigating the spread of airborne infectious diseases such as COVID-19. RMF also made the recommendations for modifications to the systems for improvements to align with ASHRAE guidelines for equipment life expectancy.



3. Resumes

B+AC, LLC

Structural Engineering

Balram Chamaria, PE

Project Role:
Structural Engineer

MA Registration Type and #:
**Structural Engineer
#52338**

Years w/ Firm: **8**
Total Years Experience: **20**

Additional registrations / certifications:
Registered Civil Engineer: MA, OH

Availability:
40%

Applicant Office Address:
**214 Arlington St.
Chelsea, MA 02150**



Balram has worked on a very broad range of projects ranging from home renovations to new high-rises. Recent work has included a number of public, LEED, and mass timber projects. Fire stations and public safety, K-12 education, correctional facilities, health related building, community centers are a few of the recent sectors he has been involved with. House doctor projects have been frequent in recent years—this includes state buildings, the State University system, the UMass system and courts.

21 Newton – Leland House, Waltham, MA: 71,500 sf and 68 units of new passive-house senior residences on three floors

25 Atherton– Carr Schoolhouse Truss Roof Renovation, Somerville, MA:

Evaluation & improvements to original wood truss roof of 1898 schoolhouse converted to condos

645 Summer Street, Boston, MA: Multi-phase base reno including new staircase, HVAC structure, & 75k sf lab fitout – with Saam

Achievement First – Rhode Island High School, Providence, RI: Renovation of envelope & 75k sf of space to repurpose offices into a new charter school

Boston, MSBA – William E Carter School, Boston, MA (MSBA): New 25k – 35k sf education facility with accommodations for students with unique needs

Cambridge College – Charlestown Campus Expansion, Boston, MA: Reconfiguration and joining of multiple, structurally independent buildings totaling 100k+ sf

Children’s Hospital of Philadelphia, South Campus, Philadelphia, PA (*while with another firm): Hospital expansion and renovation including labs, accommodations, and medical support spaces

Dedham – Town Hall & Senior Ctr, Dedham, MA: Renovation of an historical structure for use as a municipal town hall and senior center needs

Fitchburg, MSBA – Crocker/Longsjö School, Fitchburg, MA (MSBA): Public project of structural review of four buildings followed by design/build – with Saam

MCI-Framingham – Corrections Center for Women, Statewide, MA: Study on the suitability of renovating 15 blgs & 300k sf of space at MCI Framingham.

Middleton House of Corrections – Inmate Services, Middleton, MA: Vocational building occupancy changes require analysis and changes from risk category II to III

Needham – Memorial Field House, Needham, MA: A new facility with offices & support for athletic/recreational needs for the surrounding community

Providence – Narducci (Windmill El) Learning Ctr, Providence, RI: Returning 124k sf of mothballed school to service. 3-story, 1932 structure, design-build

Solomon Carter Fuller Mental Health Hospital – Renovations, Boston, MA: Integrity of six 11-story elevator shafts assessed. Feasibility report for new generator included

Spaulding Rehab Hospital, Cambridge – Renovations, Cambridge, MA: Renos required input for new concrete coring and a safety fence around a second-floor porch

Stoneham, MSBA – High School, Stoneham, MA (MSBA): Re-evaluation of school campus site using existing gym and auditorium as possible anchors

UMass Amherst, Mount Ida – ATC Building: Newton, MA: Renovation and repurpose for 19k+ sf 3-story structure for academic needs

Upton – Community Center, Upton, MA: New mass timber construction serving both the need for a library & senior center under one roof

3. Resumes

Kalin Associates, Inc.

Specifications Consulting

Mark Kalin, FAIA, FCSI, LEED AP

Project Role:
Specification Consultant

MA Registration Type and #:
Architecture, #4657

Years w/ Firm: **35**
Total Years Experience: **40**

Additional registrations / certifications:
LEED AP

Availability:
20%

Applicant Office Address:
**1121 Washington Street
Newton, MA 02465**



Since 1984, Kalin Associates has prepared specifications for over 4,000 projects worldwide, over 600 Massachusetts MGL Chapter 149 and MGL Chapter 149A public bid projects, 300 projects seeking sustainable design certifications (LEED, Living Building Challenge, Well, Passive House), master specifications for over 500 building product manufacturers, and design standards for many public agencies, universities, and trade associations.

Public Bid Project Experience: Overseen and managed hundreds of MGL Chapter 149 Filed Sub-Bid and MGL Chapter 149A CM-At-Risk Trade Bid projects; including developing DCAMMs master specifications.

Brief Resume

- President, Kalin Associates Inc., Specifications Consultants, 1984 to present
- Registered Architect, MA 4657
- Fellow, American Institute of Architects (AIA) 1999
- Fellow, Construction Specifications Institute (CSI) 2000
- LEED AP, US Green Building Council, 2003
- Instructor, Harvard University Graduate School of Design, 2008 to 2010
- Director of Information Services, Sasaki Associates, 1986 to 1988
- Head of Specifications, Jung/Brannen Associates, Inc., 1983 to 1986
- Head of Specifications, Brown Daltas and Associates, 1977 to 1983 Professional Activities:
- President, Specifications Consultants in Independent Practice, 2008 to 2010
- President, CSI Boston, 1982 and 2002 and numerous committees
- Chair, CSI MasterFormat Maintenance Task Team (MFMTT), 2015 to 2017
- Chair, CSI Technical Committee, 2008 to 2010
- Chair, CSI Sustainable Facilities Practice Group (Founder), 2007 to 2015
- Chair, AIA Masterspec Review Committee, 1993 to 1995
- Chair, AIA Specifications Professional Interest Area, 1999 to 2002 Publications and Presentations:
- Educator, numerous spec presentations and webinars
- Author, Greenspec, 1996
- Author, Master Short-Form Specifications, Kalin Associates, 1984-2017
- Author, Construction Specifications (Wiley)

KALIN ASSOCIATES
ARCHITECTURAL SPECIFICATIONS

3. Resumes

Dharam Consulting

Cost Estimating

Owain Jones

Project Role:

Senior Cost Estimator

MA Registration Type and #:

MBE #001366823

Years w/ Firm: **9**

Total Years Experience: **19**

Additional registrations / certifications:

Availability:

Available upon request

Applicant Office Address:

**One Beacon Street, 15th Floor
Boston MA 02108**



- Long Island Recovery Center Masterplan
- Boston Atheneum Historic Renovation
- UMass Lowell Olsen Hall Renovation
- Harvard University, Gund Hall Renovation
- Wellesley College Science
- Cornell University Olin Hall Renovation
- Salem State University Masterplan
- Chelsea Pump Station Historic Renovation
- Mass College of Liberal Arts
- Harvard University School of Economics
- MIT at the Met Renovation/Extension
- Syracuse Athletics
- UMass Lowell Olsen Hall Renovation
- Harvard University, Gund Hall Renovation
- Wellesley College Science
- Cornell University - Olin Hall Phase 1 & Phase 2 BME Masterplan
- Harvard ARTS
- Salem State University Masterplan
- Harvard Chan School of Public Health infrastructure Upgrade & Renewal
- Albany State University Master Plan
- Cornell Tech Bloomberg Building
- Northeastern University Renovation of the Mugar Life Sciences Building (Fourth Floor)

Dharam Consulting

Cost Estimating

Gavin English

Project Role:

**Senior Cost Estimator /
Project Manager**

MA Registration Type and #:

MBE #001366823

Years w/ Firm: **3**

Total Years Experience: **40**

Additional registrations / certifications:

**Associate of the Royal Institution of
Chartered Surveyors**

Availability:

Available upon request

Applicant Office Address:

**One Beacon Street, 15th Floor
Boston MA 02108**



- Long Island Recovery Center Masterplan
- Boston Atheneum Renovation
- The Harvard Club Renovation
- Quinsigamond Comm. College Herbert Auditorium
- MIT at the Met Renovation/Extension
- CIS building at Cornell University
- Boston University New Theater Building
- Salem State University, various renovation projects
- MIT Bldg. 54 Extension and Lecture Hall Renovation
- UMass Amherst Isenberg School of Management
- Boston University Pardee School Academic Bldg.
- Colby College Athletics and Recreation Center
- MIT East Campus Renewal
- Harvard Business School Tata Hall
- UMass Amherst CICS Building
- UConn Northwest Quad
- MIT West Campus Masterplan
- Brown University Natatorium
- Princeton University East Campus Masterplan
- Harvard University Kennedy School
- Northeastern University Speare Hall Facade Stabilization and Restoration University of Michigan Ross Athletic Masterplan
- Boston University Pardee School Academic Building
- University of Pennsylvania New Energy Science and Technology Center

3. Resumes

Jensen Hughes

MA Building Code Consultant

Ted Dow, PE

Project Role:
**Project Manager,
MA Building Code Consultant**

Years w/ Firm: **4**
Total Years of Experience: **18**

MA Registration:
Fire Protection, MA #47848

Availability:
30%

Applicant Office Address:
**One Research Drive, Suite 305C
Westborough, MA 01581**



Mr. Ted Dow will serve as Project Manager. He is a Senior Fire Protection Engineer dedicated to the analysis of building code requirements and their intent relative to the fire-safe design of all structure types. He specializes in fire and life safety master planning, accessibility code analysis and plan review, and complex code issue analysis and equivalency development. He oversees all significant code-related evaluations of fire protection and life safety facilities, including fire safety design reviews, building surveys, fire system designs, and assessments of fire hazards. Facility types include large mixed-use developments; research and instructional laboratories; educational facilities; and residential and institutional multi-tenanted housing.

Selected Project Experience:

- DCAMM John W. McCormack Building – Track 1, Boston, MA
- DCAMM John W. McCormack Building – Track 2 & 3, Boston, MA
- DCAMM John W. McCormack Building, Multi-Tenant Fit Out and Electrical Closet, Upgrades, Boston, MA
- Gordie Howe International Bridge (GHIB) United States Land Port of Entry (LPOE), Detroit, MI

Jensen Hughes

MA Building Code Consultant

Todd Pearson

Project Role:
MA Building Code Consultant

MA Registration Type and #:

Years w/ Firm: **9**
Total Years Experience: **9**

Additional registrations / certifications:

Availability:
50%

Applicant Office Address:
**One Research Drive, Suite 305C
Westborough, MA 01581**



Mr. Todd Pearson will serve as the MA Building Code Consultant for the project. He has provided fire protection, life safety, and accessibility consultation services for diverse occupancies including assembly, educational, business, health care, hospitality, institutional, residential, and industrial. He is proficient with existing building surveys and analyses in addition to reviewing plans for new construction for conformance with local and national codes and standards. He provides analysis of building, fire, life safety and accessibility code requirements to develop an overall code approach specific to a project. Mr. Pearson has a M.S. in Fire Protection Engineering from Worcester Polytechnic Institute.

Selected Project Experience:

- Department of Youth Services, Goss Building, Taunton, MA
- DCAMM Correctional Center for Women, Various, MA
- Essex County House of Corrections, Façade Replacement, Middleton, MA
- Essex County House of Corrections, Code Compliance, Middleton, MA
- Grafton Job Corps, Grafton, MA
- Concord District Court, Concord, MA
- Wareham District Court, Wareham, MA

3. Resumes

Building Conservation Associates, Inc.

Historic Preservation Consultant

Lisa Howe

Project Role:
**Project Manager,
Historic Preservation Consultant**

Years w/ Firm: 7
Total Years of Experience: 36

MA Registration:

Availability:
Available upon request

Applicant Office Address:
**10 Langley Road, Suite 202
Newton, MA 02459**



Lisa Howe brings over 30 years of experience in the construction and restoration industry, from her beginnings as a mason to her tenure as a Principal at Goody Clancy, an architecture firm in Boston. Before joining BCA, Lisa was Director of Preservation at Consigli, a 600-person construction company specializing in restoration. Lisa has extensive experience documenting the condition of historic building materials, developing treatments for their repair and conservation, preparing construction documents for the implementation of these treatments, providing project monitoring during the repair and conservation work, and writing Historic Structures Reports.

Lisa's recent projects include:

- Walker Building at Emerson College, Boston, MA
- United Parish in Brookline, Brookline, MA
- Somerville High School, Somerville, MA

BS Roger Williams University/1995/Historic Preservation
MA University of Maryland/2013/ Real Estate Development

Building Conservation Associates, Inc.

Historic Preservation Consultant

Lisa Harrington

Project Role:
**Senior Historic Preservation
Consultant**

MA Registration Type and #:

Years w/ Firm: 20
Total Years Experience: 26

Additional registrations / certifications:

Availability:
Available upon request

Applicant Office Address:
**10 Langley Road, Suite 202
Newton, MA 02459**



Lisa Harrington joined BCA in 2000 with a background in architecture, early New England building practices and community preservation. Prior to joining BCA, she was employed by the Boston Landmarks Commission, assisting in preservation planning for the South End Landmark District. She also spent several years working as an architect, specializing in residential structures. At BCA, Lisa conducts building conditions assessments, with an emphasis on historic masonry, roofing and windows, prepares drawings and specifications for building restorations projects and provides project monitoring.

Lisa's recent projects include:

- Fenway Park in Boston, MA
- Edward T. Gignoux Courthouse in Portland, ME
- Portland Custom House in Portland, ME
- Center of Fine Arts and Dahod Family Alumni Center at Boston University.

BA Syracuse University/1989/Environmental Design
Boston Architectural Center/1993/Architecture
MA Boston University/2001/Preservation Studies

3. Resumes

Environmental Health & Engineering, Inc.

Hazardous Materials Consultant

Cynthia Campisano, MS, PG

Project Role:

**Project Executive/Primary Contact,
Hazardous Materials Consulting**

MA Registration Type and #:

Years w/ Firm: **27**

Total Years Experience: **32**

Additional registrations / certifications:

**Professional Geologist: NH
EPA accredited Asbestos Project
Designer**

Availability:

50%

Applicant Office Address:

**180 Wells Avenue, Suite 200
Newton, MA 02459**



Ms. Campisano provides senior technical support and project management for a wide variety of environmental and health and safety projects. Her work focuses on environmental and health and safety compliance and management, hazardous building materials assessments and remediation design/oversight, hydrogeologic and soil vapor intrusion investigations, indoor environmental quality assessments, public health risk characterizations, environmental permitting, risk communication, and hazardous waste site health and safety.

- Proactive environmental management and regulatory compliance, including materials evaluation, and remediation and onsite health and safety oversight at construction and renovation sites.
- Site and building due diligence assessments, including hydrogeologic assessments, evaluation of building systems and materials, evaluation of regulatory implications, and assessment of potential impacts to end-users post-development.
- Environmental compliance, and health and safety management programs for a variety of private sector and institutional clients.
- Extensive experience in the development of assessment and remediation programs for the management of polychlorinated biphenyls and asbestos in building materials and soil in accordance with state and federal regulations. Work includes polychlorinated biphenyl (PCB) and hazardous material (HAZMAT) remediation programs at multiple sites for clients ranging from healthcare organizations, commercial real-estate clients, higher education institutions, and public schools and includes major demolition and redevelopment projects.
- Hazardous materials management and permitting, including hazardous materials management plans and wastewater, stormwater, air, and hazardous waste permitting.
- Public health risk characterization and exposure assessment, including quantitative assessment for regulatory compliance.
- Management of non-hazardous demolition debris through the development of an assessment program and successful application for Beneficial Use Determination through the Massachusetts Department of Environmental Protection.

Environmental Health & Engineering, Inc.

Hazardous Materials Consultant

Adam Bisol

Project Role: **Certified Asbestos Inspector/
Management Planner, Project Monitor**

MA Registration Type and #:

Asbestos Inspector, #AI061329

Asbestos Abatement Project Designer #PD60885

Asbestos Hazard Evaluation Specialist, #ES36273

Asbestos Management Planner, #AP 000034

Asbestos Project Monitor, #AM 032890

Years w/ Firm: **19**

Total Years Experience: **35**

Additional registrations / certifications:

**Massachusetts Childhood Lead Poisoning
Prevention Program Licensed Provisional
Inspector/Risk Assessor**

Availability: **50%**

Applicant Office Address:

**180 Wells Avenue, Suite 200
Newton, MA 02459**

Mr. Bisol has served as a project manager, inspector, designer, and field technician for a variety of environmental projects, conducting inspection, design, sampling, and monitoring for compliance issues. He has a solid working knowledge of field survey techniques and equipment, and extensive experience in calibration, maintenance, and operation of scientific instrumentation. Mr. Bisol designs and manages remediation projects for hazardous building materials and wastes. He has worked on a variety of projects with clients in private and public spheres, including federal, state, and local governments, as well as non-governmental organizations.

Experience includes:

- Asbestos projects—inspection, design, and monitoring for demolition and renovation projects of occupied and vacant commercial, public, and government properties. Licensed in multiple disciplines in multiple states
- PCB projects—inspection, design, and monitoring for demolition and renovation projects of occupied and vacant commercial, public, and government properties
- Mold projects—inspection, assessment, remediation design, and oversight
- Phase I and II environmental site assessments for due diligence
- Hydrogeological assessments
- Environmental remediation design, monitoring, and oversight
- Confined Space operations—Entrant, Observer, and Supervisor roles
- Compliance monitoring for the Massachusetts Contingency Plan
- Hazardous materials assessments
- Management of field teams and subcontractors
- Personnel monitoring for OSHA compliance
- Emergency response
- Instruction/training for asbestos and hazardous material shipping

3. Resumes

GMI Architects

Behavioral Health Specialist

Gary Graham, FAIA

Project Role:

Lead Behavioral Health Specialist

MA Registration Type and #:

Architecture, MA #3946

Years w/ Firm: **42**

Total Years Experience: **50**

Additional registrations / certifications:

**Registered Architect: RI, NH, CT, VA
NCARB**

Availability:

20%

Applicant Office Address:

**412A Thames Street
Bristol, RI 02809**



Gary Graham, FAIA is the founding principal of GMI Architects and a Professor of Architecture Emeritus at Roger Williams University School of Architecture, Art, and Historic Preservation. He is a practitioner who uses design to educate the public and serve the underserved; He is an educator who communicates our profession's values; and he is a facilitator who achieves community consensus through participatory problem solving.

As a practitioner, Mr. Graham's design solutions evolve from the functional, cultural, and physical context unique to each situation. His approach engages an informed, enlightened, and involved community of users in the design process. His projects have been recognized with state, regional, and national Design Awards and publication in the national architectural press. In addition, he is a national leader in the movement to redefine the therapeutic environment for behavioral healthcare. His energy and skill has resulted in the design of our nation's most

forward-looking specialized medical facilities.

As an educator, he introduced his students to the "real world" of the practice environment. His coursework involved an optimistic dialogue about the aspects of professional life that are essential to achieve "Architecture", from social and ethical responsibilities to project, business, and financial management. As a design critic, he combines creative idealism, with a pragmatic commitment to program, function, and integrated systems.

As a facilitator, he has a unique ability to forge consensus out of chaos, fellowship out of conflict. His process leadership has been the catalyst that resolved community opposition; developed design guidelines; resolved interdisciplinary territorial conflicts; and established conditions for transformational change within the profession of architecture and numerous public and private organizations.

GMI Architects

Behavioral Health Specialist

Damara Sisti Toohey, AIA

Project Role:

Behavioral Health Specialist

Years w/ Firm: **8**

Total Years of Experience: **12**

MA Registration:

Other:

**Registered Architect: RI, MD, NY
NCARB**

Availability:

20%

Applicant Office Address:

**412A Thames Street
Bristol, RI 02809**



Damara Sisti Toohey, AIA joined GMI Architects in 2014 as a Design Associate and Project Manager and is currently a Senior Associate within the firm. While with GMI, Damara has been designing and managing complex healthcare and commercial projects, working with clients on finishes and fixtures, overseeing GMI's architectural designers and interns and managing day-to-day tasks with clients and builders. Damara is also the lead on GMI's specialized Ligature Risk Assessment projects for various clients and has become a specialist in Behavioral Healthcare design.

As a project leader for Walden Behavioral Care's new psychiatric hospital and their various clinics, Damara is responsible for ensuring that the client's vision is translated from project definition throughout Construction while envisioning what the future of behavioral healthcare design might become. She also directly oversees and coordinates Behavioral Health Patient Risk Assessments for both public and private clients to ensure compliance with regulatory commissions and guidelines, while helping to provide a safe and secure environment for psychiatric patients and staff.

As the Project Coordinator for the newly completed TaraVista Behavioral Health Center, Damara was responsible for coordinating the architectural team and communication between the construction management team and the architectural team during construction. Damara also led the interior design team while maintaining efficient communication with the client.

4. Prime Experience

Saam Architecture

Architecture

City of Boston Engagement Center

Diana Nicklaus, Principal-in-Charge
Koos Louw, Lead Designer
Chin Chin Yao, Project Manager and Project Architect
Kristin Tedford, Architect
Autumn Thompson, Interior Designer

Date Completed:
2021

Location:
Boston, MA

Construction Cost:
\$7,400,000

Client Contact Info:
Rohn MacNulty
Senior Project Manager
City of Boston
Public Facilities Department
(617) 785-9850
jay.macnulty@boston.gov

saam
architecture

As part of Boston's efforts to address housing insecurity and opioid addictions issues across the city, the Engagement Center (EC), operated by the Boston Public Health Commission (BPHC), opened as a pilot program in August 2017. The EC offers a welcoming, climate controlled space open to everyone. It is a low-threshold year-round facility that offers visitors comfort amenities such as water, coffee, bathrooms, and showers, as well as access to a nurse's clinic, workstations, and connection to information on support services.

The existing EC was located at the intersection of Atkinson Street and Southampton Street of South Boston in a 3,200-square-foot temporary tent structure. The tent structure was re-purposed due to its availability as a large open space but was not designed for the specific and evolving needs of the EC. Saam was engaged by the Boston Public Facilities Department (PFD) in January 2019 to complete a programming study for a permanent facility. Based on collaborative meetings with an advisory team of representatives from Human and Health Services (HHS), BPHC, Office of Recovery Services (ORS), MONUM, Inspectional Services (ISD), and the PFD, the design team developed a space program and recommended approach for siting, design requirements for architecture, structure, building systems, and a construction cost estimate.

Following the approval of the programming study, the design team completed design and construction documents for a new 7,000-square-foot, one-story permanent Engagement Center that opened in Fall 2021. The design includes a central double-height flexible space as the primary gathering area with an exposed wood structure and a butterfly roof. There are translucent clerestory windows on all four sides under the roof to bring in diffused daylight during the day and glow as a welcoming beacon from the exterior at night. To complement the light industrial buildings in the surrounding neighborhood, durable and easily maintainable materials of concrete masonry units and metal panels were chosen for the exterior facade. The design also includes a queuing area in the front of the building and an enclosed courtyard as exterior program space.



PROJECT RELEVANCE

- MGL Public Bid
- Multiple Agency Stakeholders
- Sustainable Technologies / All Electric Building
- New construction
- Trauma-informed design
- Clinical & Support services

4. Prime Experience

Saam Architecture

Architecture

Westborough State Hospital Allen Hall Upgrades

Diana Nicklaus, Principal-in-Charge
Kristin Tedford, Project Manager & Project Architect

Date Completed:
2021

Location:
Westborough, MA

Construction Cost:
\$2,700,000

Client Contact Info:
Paul Truax
Massachusetts Department of Mental Health, Office of Engineering & Facilities Management
paul.e.truax@state.ma.us
(508) 616-2246

Derek Kane, Project Manager
DCAMM
Office of Design and Construction
One Ashburton Place, 15th Floor,
Boston, MA 02108
derek.kane@state.ma.us
(857) 319-2450

saam
architecture

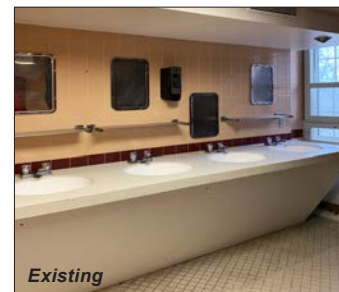
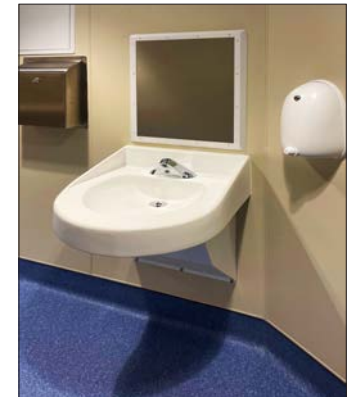
Saam recently designed a series of bathroom upgrades for Allen Hall at Westborough State Hospital, which is owned and operated by the Department of Youth Services (DYS). In June of 2021, DHS vacated the building so the Department of Mental Health (DMH) could move in. The project followed an aggressive schedule to meet the DMH's move-in dates for this hardware secure facility.

The four-story facility required building upgrades so the DMH could proceed with a new youth program to house 30 adolescents of mixed gender on two floors, with 15 occupants per floor in individual rooms.

The project created 16 individual single-use bathroom stalls with showers from two existing bathroom/shower spaces on each floor to ensure only one individual can be in a stall at a time to prevent co-ed mixing. In addition, 8 single-use bathroom/shower spaces were created, with one in each corridor. The upgraded bathrooms received ADA compliant stalls and open plan shower rooms and toilet/sink rooms. The design also included ligature resistant standards for the health and safety of the building occupants, as well as DMH's "line of sight" safety requirement so staff can monitor bathroom entrances from the corridor.

PROJECT RELEVANCE

- **DYS/DMH as client**
- **DCAMM Project Management**
- **Multiple agency stakeholders**
- **Anti-ligature and anti-barricade design**
- **Trauma-informed design**
- **MGL Procurement**
- **Behavioral Health Standards compliance**



Existing



Existing

4. Prime Experience

Saam Architecture

Architecture

Lemuel Shattuck Hospital Replacement Building Renovation

Koos Louw, Collaborating Principal
Kristin Tedford,
Architectural Designer/Planner

Date Completed:
2024 (est.)

Location:
Boston, MA

Construction Cost:
\$404,000,000 (est.)

Client Contact Info:
Richard Polvino, Principal
SLAM
250 Summer Street. 4th Floor
Boston, MA 02210-1135
(617) 717-6738
rpolvino@slamcoll.com

Ellen Whitmore, Senior Project Manager,
DCAMM Office of Planning
One Ashburton Place, 15th Floor,
Boston, MA 02108
ellen.whittemore@state.ma.us
(857) 204-1251

saam
architecture

Saam team members are currently completing Construction Documents in collaboration with the SLAM Collaborative on a 434,000-square-foot replacement building at Shattuck Hospital. Shattuck accommodates services for three agencies in the Commonwealth: the Department of Public Health (DPH), the Department of Mental Health (DMH), and the Department of Corrections (DOC). This project will provide 260 beds for acute and sub-acute adult inpatient care.

Administered by DCAMM, the project is a comprehensive modernization of the existing Newton Pavilion building in Boston's South End to serve as a replacement for the existing facility in the Jamaica Plain neighborhood of Boston. The facility consists of two interconnected buildings which require a combination of building systems modernization and replacement. Saam joined the Diagnostics and Treatment team under SLAM's contract and is responsible for the design and coordination of the OR Suite, pharmacy, lab, rehabilitation suite, imaging suite, outpatient suite, sterile processing department, Department of Corrections holding area, and morgue.

Saam coordinated the ligature-resistant accessories, infrastructure, and equipment to support the DMH and DOC spaces such as doors, borrowed lites, hardware, and medical equipment. In addition, Saam collaborated with SLAM on development of details for all exterior conditions. The majority of the envelope will be new construction in order to bring the building into compliance with energy codes.

PROJECT RELEVANCE

- **DMH as client**
- **DCAMM Project Management**
- **Ch. 149A procurement**
- **Strict safety and security**
- **Clinical space**
- **Anti-ligature and anti-barricade design**
- **Trauma-informed design interior design**



4. Prime Experience

Saam Architecture

Architecture

Hanscom Airfield Rescue and Fire Fighting (ARFF) / U.S. Customs and Border Patrol (CBP) Facility

Koos Louw, Project Executive
Diana Nicklaus, Principal-in-Charge
Autumn Thompson, Interior Designer

Date Completed:
2019

Location:
Hanscom AFB, Bedford, MA

Construction Cost:
\$10,000,000

Client Contact Info:
Kathleen Ledoux AIA, CCM, LEED AP
Project Manager
Massport Capital Programs
One Harborside Drive
East Boston MA 02128
kledoux@massport.com
(617) 568-3612

Saam Architecture led the design of the new Hanscom Airport Rescue and Fire Fighting (ARFF) Facility / United States Customs and Border Protection Facility at Hanscom Field.

The building includes independent facilities for both the Massport fire department under FAA regulations and funding, as well as customs and border protection.

These two occupants will independently occupy roughly 11,500 gross square feet with shared infrastructure.

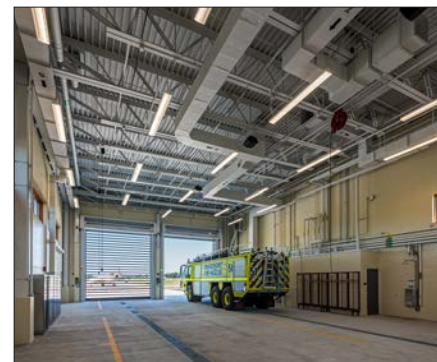
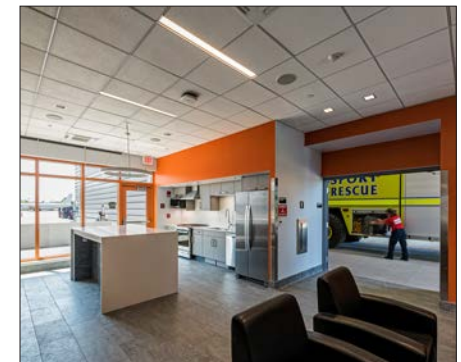
The ARFF provides a high level of response for Massport fire fighters and supports the programmatic needs of the department in compliance with the FAA recommended program.

The CBP facility aligns with current CBP design standards and incorporates additional safety and processing capabilities. The project is targeted to obtain a LEED Gold rating.

2020 CMAA New England Project Achievement Award

PROJECT RELEVANCE

- MGL Procurement
- New Construction
- Multiple agency clients
- Anti-ligature design
- Strict security standards
- Interior design



saam
architecture

4. Prime Experience

Saam Architecture

Architecture

Community Health Center of Cape Cod

Koos Louw, Project Executive
Diana Nicklaus, Principal-in-Charge
and Project Manager
At Burt Hill/Stantec

Date Completed:
2013

Location:
Mashpee, MA

Construction Cost:
\$9,000,000

Client Contact Info:
Karen Gardner, CEO
Community Health Center of Cape Cod
107 Commercial Street
Mashpee MA 02649
kareng@chcofcapecod.org
(508) 539-6000 ext. 1109

Members of the Saam team worked on an addition for the Community Health Center of Cape Cod in Mashpee. The facility's rapid growth necessitated a need for a larger, updated building and was one of eight community health centers in Massachusetts to receive funding for a capital improvement project from the Patient Protection and Affordable Care Act.

The grant allowed for 22,000 square feet to be added to the existing building as part of a three-year plan. The addition supports CHCC's mission to improve community health via program expansion and infrastructure investment, as well as underscore the commitment to collaboration, healthcare access, cultural diversity, information technology, and leadership.

The addition expanded core primary care, dental and behavioral health services, and added a pharmacy, optometry services, radiology and mammography, and walk-in and urgent care services. Additional space was included for specialty services and human service providers like food pantries, and veterans' and immigrant organizations.

The project met all requirements of the Cape Cod Commission, who provides regulatory design review for environmental, architectural, and cultural aspects of design on the Cape.

PROJECT RELEVANCE

- Clinical space
- New construction to match existing campus
- Behavioral health
- Multiple stakeholders
- Sustainable design (LEED certifiable)



saam
architecture

4b. Subconsultant Experience

Ground, Inc.

Landscape Architecture

Women's Recovery from Addiction Program, Taunton State Hospital

Location: **Taunton, MA**

Date Completed: **2017**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Yao Xiao**

Construction Cost: **\$450,000**

Client Contact Info:
Gail Sullivan
(617) 524-5558

Project Description:

The overriding goal of the design is to provide a place of healing and peace in a safe and inspiring way. The two courtyards are designed to respond to different stages of addiction recovery.

One courtyard is planned as a healing garden for the intensive detoxification stage. The other courtyard is designed for more active recreation and programmed use, corresponding with a later stage of recovery.

Project Relevance:

- *Trauma Informed Spaces:* Healing garden for the intensive detoxification stage and another courtyard designed for more active recreation.
- *Security and Safety:* Integrate security in a gracious and visually unimposing way with landscape.
- *Budget and Viability:* Durable and low maintenance landscape, with typical materials used in less typical ways.
- This is a historically significant campus and Chapter 149a project



Section 35 Men's Program, Taunton State Hospital

Location: **Taunton, MA**

Date Completed: **20122**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Braxton Tanner, Curtis Puncher**

Construction Cost: **n/a**

Client Contact Info:
Gail Sullivan
(617) 524-5558

Project Description:

The recently completed Section 35 Men's Program consists of the design of two secure and accessible courtyards with both active spaces and outdoor small group gathering spaces as well as a programmable roof terrace. The large courtyards have been broken down into smaller spaces with soft paving material and hardy planting to help create a calming environment. Ground also designed the accessibility renovation of the Glass entry area with emergency vehicular access and parking.

Project Relevance:

- *Trauma Informed Spaces:* Accessible courtyards for recreation and outdoor small group gathering. A programmable roof terrace.
- *Security and Safety:* Integrate security in a gracious and visually unimposing way with landscape.
- *Budget and Viability:* Durable and low maintenance landscape, with typical materials used in less typical ways.
- This is a historically significant campus.



MassArt Tree House Residence Hall

Location: **Boston, MA**

Date Completed: **2012**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Hiro Tsuchiya**

Construction Cost: **\$1,700,000**

Client Contact Info:
Tamara Roy
(617) 234-3196

Project Description:

Full-service landscape architecture services for the entry plaza for a new signature residence hall along Huntington Avenue. Scope includes renovation to the roadway, grading, paving, custom seating and lighting, planting, irrigation stairs, accessible walkways, ramps and rails. The curved seatwalls provide a multitude of gathering options: places for couples, small group, and class size meeting.

Project Relevance:

- *Sustainability and Resilience:* LED energy efficient lighting. Native, draught tolerant planting.
- *Budget and Viability:* Brick pavers around the seatwalls function as skate deterrent, improving durability of the landscape
- This is a historically significant campus and Chapter 149a project.



4b. Subconsultant Experience

Ground, Inc.

Landscape Architecture

Salem State University: Mainstage Theater Renovation

Location: **Salem, MA**

Date Completed: **2015**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Adam Anderson**

Construction Cost: **\$525,000**

Client Contact Info:

**Andrea Leers
(617) 423-5711**

Project Description:

A renovation of the landscape surrounding Salem State's Mainstage Theatre Hall. Improvements include theater access, hard and soft outdoor space, and an outdoor theatre area. Universal design has been a major driver of the landscape solutions.

Project Relevance:

- *Accessibility and Safety:* Universal accessibility across the grades.
- *Budget and Viability:* Durable and low maintenance landscape, with typical materials used in less typical ways.
- *Sustainability and Resilience:* Porous paving in the plaza, predominantly native planting, ample covered bicycle parking, and a terraced rain garden.
- This is a historically significant campus.



Tufts Collaborative & Innovation Complex (CLIC)

Location: **Medford, MA**

Date Completed: **2015**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Hiro Tsuchiya**

Construction Cost: **n/a**

Client Contact Info:

**David Lunny
(617) 234-3267**

Project Description:

The transformation of an existing parking lot into the central social area for the Tuft's University East Campus and Innovation Center. The landscape was designed to introduce a variety of seating and meeting spaces. The goal was to forefront sustainability and as such includes rain gardens, pervious pavers, native plantings, and bike parking

Project Relevance:

- *Accessibility and Safety:* Universal accessibility across the grades.
- *Budget and Viability:* Durable and low maintenance landscape, with typical materials used in less typical ways.
- *Sustainability and Resilience:* Porous paving in the plaza, predominantly native planting, ample covered bicycle parking, and a terraced rain garden.
- This is a historically significant campus.



4b. Subconsultant Experience

Green International Affiliates, Inc.

Civil Engineering

MA Dept of Youth Services (DYS) – Connelly Youth Center – Phase 1 Greenhouse Project

Location: **Roslindale, MA**

Date Completed: **2019**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Martin Vickey
(508) 884-5094

Project Description:

Under a DYS House Doctor Contract, Green provided survey and civil engineering services to support construction of a greenhouse structure and modifications to an existing parking area to accommodate new accessible parking at the Connelly Youth Center.

Project Relevance:

- Civil Engineering for improvements to a DYS facility.



MA Dept of Youth Services – Connelly Youth Center – Phase 2 Renovations

Location: **Roslindale, MA**

Date Completed: **2021**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Imelda R. Barnhurst, RA
(978) 750-9062

Project Description:

Green was contracted by the architect to provide survey and civil engineering services relative to construction of new site elements associated with Phase 2 Renovations at the Connelly Youth Center. Proposed improvements relate to the rear yard of the facility, including a new basketball court, gazebo, walking track, tag football field, etc.

Project Relevance:

- Civil Engineering for improvements to a DYS facility.



MA Dept of Youth Services - Existing Facilities Assessments (Multiple Assignments)

Location: **Multiple locations, MA**

Date Completed: **2021**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Ned A. Collier
(617) 451-3333

Project Description:

Green provided civil engineering services for two assignments. The first was for Phase 1 of a Facilities Master Plan for ten DYS facilities and Green evaluated the exterior site conditions of each and identified critical issues including parking, pavement, utilities, groundcover, drainage, stormwater management, walkways, wetlands, and general site elements. The second assignment was for the Shattuck Hospital Campus Planning Study.

Project Relevance:

- Civil Engineering to support planning activities for DYS facilities.



4b. Subconsultant Experience

Green International Affiliates, Inc.

Civil Engineering

Beverly, BayRidge, & Addison Gilbert Hospitals - On-Call Hospital Campus Improvements

Location: **Danvers / Beverly / Lynn / Gloucester, MA**

Date Completed: **2018**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Edmund Lydon
(978) 922-3000 ext. 2953

Project Description:

Green provided on-call civil/site, structural, and landscape design as well as survey and transportation planning services for a wide range of hospital campus improvement and expansion projects at the Beverly, Bay Ridge, and Addison Gilbert Hospitals.

Project Relevance:

- Civil Engineering services to support improvements at multiple health care facilities.



Franklin Housing Authority Physical Needs Assessment Central Park Elderly Housing Development

Location: **Franklin, MA**

Date Completed: **2017**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Steven M. Tucker
(774) 215-0290

Project Description:

Green evaluated publicly accessible spaces within the facility in accordance with the Americans with Disabilities Act (ADA). Green then documented site deficiencies observed. The accessibility review included an evaluation of the paths of travel throughout the exterior of the site, as well as the accessible design of parking spaces and ramps.

Project Relevance:

- Civil Engineering services for a public housing development.



4b. Subconsultant Experience

RMF Engineering, Inc.

Mechanical Engineering (M/P/FP)

City of Boston Engagement Center

Location: **Boston, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$7,700,000**

Client Contact Info:

Rohn MacNulty
(617) 635-0737

Project Description:

RMF provided MEP Engineering services for the design of a new 7,000 sf facility to serve the needs of Boston's vulnerable population. The single-story structure was constructed on an urban site with high goals for energy efficiency, which is achieved through a high quality envelope, daylights, radiant heating in the floor, VRF with a dedicated outdoor air unit, and PV on the roof.

Project Relevance:

- Public Client
- Public bidding
- Working with Saam Architecture



Kirby Center Renovation and Expansion

Location: **Washington, DC**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$12,495,620**

Client Contact Info:

Matthew Davitt
(202) 393-6445

Project Description:

The project included minor renovations to the existing Kirby Center, a full gut renovation of an adjacent building, interconnecting the two buildings, and the addition of a penthouse level to both buildings. The project consisted of approx. 23,000 gsf of academic space. RMF provided designs for all power, interior & exterior lighting, site lighting, fire alarm, telecom, security, audio/visual, HVAC, domestic water, stormwater, natural gas, waste & vent piping systems, as well as fire protection piping. RMF also coordinated service with electrical utility.

Project Relevance:

- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Engineering
- HVAC Design
- Renovation



Edenbridge PACE4DC

Location: **Washington, DC**

Date Completed: **2022**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$3,000,000**

Client Contact Info:

Dee Spiro
(617) 542-1025

Project Description:

RMF completed an Interior fit-out of approximately 14,900 sf of elderly care space in a newly constructed building at Alabama Avenue Southeast in Washington, D.C. The scope of work included office space, reception area, day rooms, medical exam rooms, a rehabilitation space, restrooms, laundry room, oxygen storage closet, and commercial warming kitchen spaces. This project was designed to meet the requirements of LEED ID&C V4.0 certification.

Project Relevance:

- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Engineering



4b. Subconsultant Experience

RMF Engineering, Inc.

Mechanical Engineering (M/P/FP)

Fallon Health / Summit ElderCare New PACE Facilities

Location: **Lowell, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine, Dennis Sepavich**

Construction Cost: **n/a**

Client Contact Info:

James Connolly
(617) 460-0610

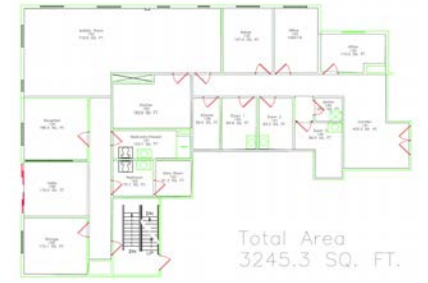
Project Description:

Summit ElderCare currently operates five PACE Centers, and are expanding to an additional 4-6 centers in the next two years. The new centers require changes to the HVAC, electrical, and plumbing systems. All PACE Centers will require exam rooms, physical therapy areas, dining room, activity areas, and a kitchen.

Project Relevance:

- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Engineering
- Local Client

Sample Satellite PACE Site 3,000 - 5,000 SF



400 Wood Road Renovations

Location: **Braintree, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine**

Construction Cost: **\$20,000,000**

Client Contact Info:

Chad Wulleman
(617) 209-9539

Project Description:

RMF worked with Hilco Redevelopment Partners on the MEP Systems upgrades at this 180,000 sf office / warehouse complex. The project consisted of the repositioning of the former Haemonetics Corporation property in Braintree, MA. The facility was refreshed with a new entry, site landscaping, and a more transparent facade, and the interior was made ready for use by future tenants.

Project Relevance:

- Mechanical Engineering



4b. Subconsultant Experience

RMF Engineering, Inc.

Electrical Engineering

City of Boston Engagement Center

Location: **Boston, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$7,700,000**

Client Contact Info:

Rohn MacNulty
(617) 635-0737

Project Description:

RMF provided MEP Engineering services for the design of a new 7,000 sf facility to serve the needs of Boston's vulnerable population. The single-story structure was constructed on an urban site with high goals for energy efficiency, which is achieved through a high quality envelope, daylights, radiant heating in the floor, VRF with a dedicated outdoor air unit, and PV on the roof.

Project Relevance:

- Public Client
- Public bidding
- Working with Saam Architecture



Kirby Center Renovation and Expansion

Location: **Washington, DC**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$12,495,620**

Client Contact Info:

Matthew Davitt
(202) 393-6445

Project Description:

The project included minor renovations to the existing Kirby Center, a full gut renovation of an adjacent building, interconnecting the two buildings, and the addition of a penthouse level to both buildings. The project consisted of approx. 23,000 gsf of academic space. RMF provided designs for all power, interior & exterior lighting, site lighting, fire alarm, telecom, security, audio/visual, HVAC, domestic water, stormwater, natural gas, waste & vent piping systems, as well as fire protection piping. RMF also coordinated service with electrical utility.

Project Relevance:

- Electrical Engineering
- HVAC Design
- Renovation



Edenbridge PACE4DC

Location: **Washington, DC**

Date Completed: **2022**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$3,000,000**

Client Contact Info:

Dee Spiro
(617) 542-1025

Project Description:

RMF completed an Interior fit-out of approximately 14,900 sf of elderly care space in a newly constructed building at Alabama Avenue Southeast in Washington, D.C. The scope of work included office space, reception area, day rooms, medical exam rooms, a rehabilitation space, restrooms, laundry room, oxygen storage closet, and commercial warming kitchen spaces. This project was designed to meet the requirements of LEED ID&C V4.0 certification.

Project Relevance:

- Electrical Engineering



4b. Subconsultant Experience

RMF Engineering, Inc.

Electrical Engineering

Fallon Health / Summit ElderCare New PACE Facilities

Location: **Lowell, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine, Dennis Sepavich**

Construction Cost: **n/a**

Client Contact Info:

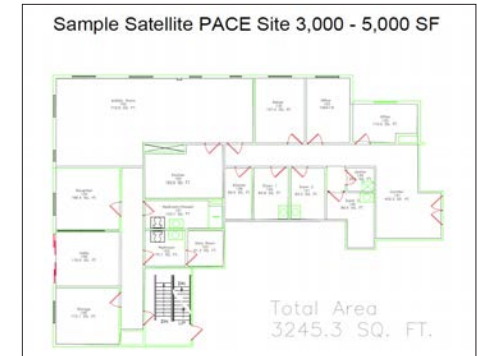
James Connolly
(617) 460-0610

Project Description:

Summit ElderCare currently operates five PACE Centers, and are expanding to an additional 4-6 centers in the next two years. The new centers require changes to the HVAC, electrical, and plumbing systems. All PACE Centers will require exam rooms, physical therapy areas, dining room, activity areas, and a kitchen.

Project Relevance:

- Electrical Engineering
- Local Client



400 Wood Road Renovations

Location: **Braintree, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine**

Construction Cost: **\$20,000,000**

Client Contact Info:

Chad Wulleman
(617) 209-9539

Project Description:

RMF worked with Hilco Redevelopment Partners on the MEP Systems upgrades at this 180,000 sf office / warehouse complex. The project consisted of the repositioning of the former Haemonetics Corporation property in Braintree, MA. The facility was refreshed with a new entry, site landscaping, and a more transparent facade, and the interior was made ready for use by future tenants.

Project Relevance:

- Electrical Engineering



4b. Subconsultant Experience

B+AC, LLC

Structural Engineering

Boston Engagement Center

Location: **Boston, MA**

Date Completed: **2021**

Key Members: **Balram Chamaria**

Construction Cost: **\$7,400,000**

Client Contact Info:

Diana Nicklaus
(617) 275-4453

Project Description:

The City of Boston has built a permanent Engagement Center to replace several temporary structures located at "Mass & Cass". The grant funded project aims to create a space for individuals to begin or continue engagement with multiple municipal services, provide a safe daytime space for individuals, address sidewalk congestion, and offer Boston police officers and outreach workers a place to guide individuals who are in need of support. Design relies heavily on mass timber construction.

Project Relevance:

- Public Project
- City and State Services Center
- Serving At-Risk Population
- Project completed with Saam



Dept of Youth Services, Middleton – Rooftop Solar

Location: **Middleton, MA**

Date Completed: **2022 (est.)**

Key Members: **Balram Chamaria**

Construction Cost: **\$13,000,000**

Client Contact Info:

Jess Farber
(508) 647-9200

Project Description:

As part of the state of Massachusetts' energy upgrade program this project seeks to implement conservation measure ECM #21.1A. The project intent is to add photovoltaic panels to the rooftop of the Middleton Department of Youth Services facility. Completed in 2016, the building is 72,000 sf. Criteria for designed framing includes dead, roof live, snow, wind, and seismic loading.

Project Relevance:

- MA Department of Youth Services
- Public Project
- DCAMM Project
- Assessments



Western Massachusetts Hospital - Upgrades

Location: **Westfield, MA**

Date Completed: **2021**

Key Members: **Balram Chamaria**

Construction Cost: **\$21,300,000**

Client Contact Info:

Paul Kondrat
(617) 571-6206

Project Description:

A DCAMM Project in Westfield, MA. The 93,000 sf, 102-bed chronic-care facility is being renovated/upgraded to meet with modern standards. Without a central ventilation or temperature control system since construction in 1930, multiple rooftop air-handling units are being added. Replacement of the full roof system, work relating to associated pads and structural perforations, as well as a study of swing space alternatives, a certifiable building study, and design consultancy are all included in the project's scope.

Project Relevance:

- MA State Facility
- Hospital/Medical/Care Facility
- Public Project
- Renovations/Repairs – occupied



4b. Subconsultant Experience

B+AC, LLC

Structural Engineering

University of Rhode Island Health & Wellness Center

Location: **Kingston, MA**

Date Completed: **2024 (est.)**

Key Members: **Balram Chamaria**

Construction Cost: **\$22,900,000**

Client Contact Info:

Lynne Deninger
(617) 742-5440

Project Description:

In response to practical facility needs and institutional intent to better integrate wellness with daily life through example, the University of Rhode Island is building a new wellness facility. 45,000 sf on three floors will combine into one physical location both health services and counseling services which are presently in different campus locations. Mass timber options are being considered for the sloped site. Upon completion, provision of structural demo plans for the former health services structure will be provided.

Project Relevance:

- Medical Facility
- Health and Wellness
- Mental Health Facility
- Public Project



Cambridge College Boston Campus

Location: **Boston, MA**

Date Completed: **2017**

Key Members: **Balram Chamaria**

Construction Cost: **\$13,000,000**

Client Contact Info:

Scott Lebow
(617) 338-5990

Project Description:

108,557 sf space in the Historic Hood Park was repurposed for the Boston campus of Cambridge College. The existing multiple connected buildings are structurally independent and constructed using different structural framing systems. The oldest building dates back to early 1900s. 45 classrooms ranging from 10 to 35 students, science teaching labs, computer labs. Structural engineering services involved structural conditions assessments, structural code review, structural details and CA.

Project Relevance:

- Adaptive Re-use
- Serving Multiple User and Service Needs
- Assessments
- Alternative/Creative Approaches



4b. Subconsultant Experience

Kalin Associates, Inc.

Specifications Consultant

NE Regional Youth Service Center, DYS Middleton

Location: **Middleton, MA**

Date Completed: **2016**

Project Team: **Mark Kalin**

Construction Cost: **\$25,000,000**

Client Contact:

Ned Collier
(617) 451-3333

Project Description:

Remodeling and renovations to existing building to improve overall performance of building and to accommodate new program requirements.

Project Relevance:

- MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

Hanscom Airfield Rescue and Fire Fighting (ARFF) Facility

Location: **Bedford, MA**

Date Completed: **2019**

Project Team: **Mark Kalin**

Construction Cost: **\$12,000,000**

Client Contact:

Ed Bourget
(401) 519-8919

Project Description:

The project includes the construction of a new state-of-the-art, Massport Airport Rescue and Firefighting Facility (ARFF) / United States Customs and Border Protection Facility (CBP) at LG Hanscom Air Field.

Project Relevance:

- MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

Milford Youth Center Renovations

Location: **Milford, MA**

Date Completed: **2015**

Project Team: **Mark Kalin**

Construction Cost: **\$2,000,000**

Client Contact:

Marty Kretsch
(978) 264-0160

Project Description:

Remodeling and renovations to existing building to improve overall performance of building and to accommodate new program requirements.

Project Relevance:

- MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

4b. Subconsultant Experience

Kalin Associates, Inc.

Specifications Consultant

Arlington High School

Location: **Arlington, MA**

Date Completed: **2022**

Project Team: **Mark Kalin**

Construction Cost: **\$200,000,000**

Client Contact:

HMFH Architects

(617) 492-2200

Project Description:

Major demolition, and new construction (phased) of the Arlington High School including sitework and early bid packages.

Project Relevance:

- MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

Greenfield Community College Main Building Modernization Project

Location: **Greenfield, MA**

Date Completed: **2010**

Project Team: **Mark Kalin**

Construction Cost: **\$10,000,000**

Client Contact:

Gensler

(617) 619-5700

Project Description:

Remodeling, additions, and renovations to existing building to improve overall performance of building and to accommodate new program requirements.

Project Relevance:

- MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

4b. Subconsultant Experience

Dharam Consulting		Cost Estimating
MASAC Plymouth Correction Location: Plymouth, MA Date Completed: 2020 Key Members: Owain Jones Construction Cost: \$30,000,000 Client Contact Info: Patricia Nobre (617) 619-5713	Project Description: Dharam Consulting is currently providing cost estimating for this master plan project. The project includes renovation options on full MEP infrastructure improvements, envelope improvements and ADA upgrades.	Project Relevance: Dharam Consulting providing full cost management services for this project for North and South campus which includes multiple buildings where new and renovated construction options are being reviewed.
Pine Street Inn Feasibility Location: New London, CT Date Completed: 2018 Key Members: Owain Jones Construction Cost: \$6,000,000 Client Contact Info: John Garcia (617) 723-8808	Project Description: Dharam provided several fit out concept studies for an extensive renovation of Pine Street Inn, a homeless shelter providing a range of service for the local community. Each scheme included replacement of select infrastructure, renovation of the kitchen and staff offices, and space use conversions to provide more space for beds.	Project Relevance: Dharam Consulting providing feasibility cost management services for this project.
DCAMM Department of Public Health Renovation Location: Boston, MA Date Completed: 2021 Project Team: Owain Jones Construction Cost: \$110,000,000 Client Contact Info: Jeff Degregorio (617) 542-6650	Project Description: Renovation of infrastructure, core renovations and multiple lab fit outs. 200,000 gsf	Project Relevance: Dharam Consulting providing full cost management services for this renovation project.

4b. Subconsultant Experience

Dharam Consulting		Cost Estimating
Long Island Master Plan Location: Boston, MA Date Completed: 2024 (est.) Key Members: Owain Jones Construction Cost: confidential Client Contact Info: Jeff Degregorio (617) 542-6650	Project Description: Masterplan looking at the full renovation of all buildings on long island for a recovery campus. All buildings require historic façade renovation work.	Project Relevance: Dharam Consulting providing cost estimating for this master plan of a recovery campus.
Solomon Carter Fuller Mental Health Master Plan Location: Boston, MA Date Completed: 2021 Key Members: Owain Jones Construction Cost: varies Client Contact Info: Bob Hicks (617) 234-3100	Project Description: Dharam consulting has been working with Stantec and DCAMM producing a masterplan for the Solomon Carter Renovations. The project comprises of a phased 280,000sf existing building renovation. A series of scenarios are looking at inpatient space vs. office spaces, infrastructure renewal throughout, ADA improvements, and envelope / façade upgrades.	Project Relevance: Dharam Consulting providing full cost management services for this master plan.

4b. Subconsultant Experience

Jensen Hughes

MA Building Code Consultant

Massachusetts Department of Youth Services

Location: **Taunton, MA**

Date Completed: **2020**

Key Members: **Todd Pearson**

Construction Cost: **unknown**

Client Contact Info:

Nick Ferzacca
(617) 542-0810,

Project Description:

Provided fire protection, life safety, and accessibility code consulting services for the proposed immediate air conditioning project at the Department of Youth Services (DYS) Goss Building in Taunton, MA. The Building consists of classrooms, faculty and administrative offices, observation rooms, teaching clinics, and sleeping units. The project provided air conditioning to the sleeping units, utilizing permanent mechanical duct work connected to rental air conditioning units located at the exterior of the building.

Project Relevance:

- Example of code consulting services for a judicial facility.



Wareham District Court

Location: **Wareham, MA**

Date Completed: **2020**

Project Team: **Todd Pearson**

Construction Cost: **n/a**

Client Contact Info:

Audrey Stuart
(617) 497-7800

Project Description:

Provided Building Code Consulting services, which included a comprehensive, detailed building evaluation, code review for Chapter 34 780 CMR, recommendations on systems upgrades for Fire Life Safety evaluations, including egress and structural recommendations as well.

Project Relevance:

- Example of code consulting services provided for a judicial facility.



Essex County House of Corrections

Location: **Middleton, MA**

Date Completed: **in progress**

Project Team: **Todd Pearson**

Construction Cost: **n/a**

Client Contact Info:

Harold Levkowicz
(617) 357-7790

Project Description:

Providing fire protection and life safety code consulting services for the Essex County House of Corrections Vocational / Inmate Housing Building. The existing two-story building is approximately 33,800 gross square feet. Each of the two levels of the Building contain inmate holding / sleeping areas, inmate restrooms and showers, employee offices and building support spaces. A review use study was requested for the current occupancy of the Building.

Project Relevance:

- Example of code consulting services provided for a correctional facility.



4b. Subconsultant Experience

Jensen Hughes

MA Building Code Consultant

DCAMM Correctional Center for Women

Location: **Various locations, MA**

Date Completed: **in progress**

Key Members: **Todd Pearson**

Construction Cost: **\$550,000 (study)**

Client Contact Info:
Harold Levkowitz
(617) 357-7790

Project Description:

Providing fire protection and life safety code consulting services for the study, design and construction administration of the future DOC's Correctional Center for Women. The goal of the study is to determine a consensus solution for either the replacement or renovation of existing correctional centers for women, which will be informed by the recommendations of the strategic planning effort.

Project Relevance:

- Example of code consulting services provided for a correctional facility.



DCAMM John W. McCormack Building Renovations

Location: **Boston, MA**

Date Completed: **2021**

Project Team: **Ted Dow**

Construction Cost: **n/a**

Client Contact Info:
Diana Nicklaus
(617) 275-4453

Project Description:

Provided Fire / Life Safety and Accessibility Code Consulting Services. The project includes renovations of several portions of the building to facilitate a "restacking" of spaces within the McCormack building. Floors targeted for renovation in the McCormack Building include the Plaza level, Floor 3, Floor 11, Floor 13, and Floor 14.

Project Relevance:

- Example of fire protection and life safety consulting services provided to a DCAMM project.
- Working with Saam Architecture



4b. Subconsultant Experience

Building Conservation Associates, Inc.

Historic Preservation Consultant

Boston University Dahod Family Alumni Center

Location: **Boston, MA**

Date Completed: **2019**

Key Members: **Lisa Howe (Director), Lisa Harrington (Project Manager)**

Construction Cost: **\$28,000,000**

Client Contact Info:
Rebecca Berry
(617) 272-9272

Project Description:

Exterior envelope survey and report, construction documents and project monitoring services for repair and restoration of 1915 sandstone masonry, cast iron and wood windows.

Project Relevance:

- Full range of services on historic masonry building on Boston University campus.



Emerson College Walker Building

Location: **Boston, MA**

Date Completed: **2018**

Project Team: **Lisa Howe**

Construction Cost: **\$2,300,000**

Client Contact Info:
Michael Faia
(617) 824-3188

Project Description:

Exterior envelope survey and report, construction documents and construction administration for repair and restoration of the 1891 and 1900 terra cotta and sandstone façade.

Project Relevance:

- Historic restoration project on Emerson College campus.



Lawrence Oliver Partnership School

Location: **Lawrence, MA**

Date Completed: **in progress**

Project Team: **Lisa Howe (Director), Lisa Harrington (Project Manager)**

Construction Cost: **\$76,000,000 (est.)**

Client Contact Info:
Helen Fantini
hfantini@mma.com

Project Description:

Exterior envelope survey, report and construction documents for restoration of brick, limestone and granite façade. Work includes lintel replacement, brick rebuilding and limestone repairs.

Project Relevance:

- Restoration of a historic brick school building.



4b. Subconsultant Experience

Building Conservation Associates, Inc.

Historic Preservation Consultant

Rockland Community Center

Location: **Rockland, MA**

Date Completed: **2016**

Key Members: **Lisa Howe**

Construction Cost: **n/a**

Client Contact Info:

Michael Lindstrom
(617) 608-1551

Project Description:

Exterior envelope survey and report in support of a feasibility study. The building was constructed in 1908 in the Colonial Revival style with cast stone foundation and trim elements, brick walls and wood pediments and cornices. The building was placed on the National Register in 1989.

Project Relevance:

- Review of materials and conditions on historic masonry building.



Lowell Community Charter Public School

Location: **Lowell, MA**

Date Completed: **2019**

Project Team: **Lisa Howe (Director),**
Lisa Harrington (Project Manager)

Construction Cost: **n/a**

Client Contact Info:

David Choi
David.Choi@jacobs.com

Project Description:

Exterior envelope survey, conditions assessment, report, preliminary construction documents and preliminary costs for repair and restoration of the 1890s mill buildings.

Project Relevance:

- Conditions assessment of historic mill buildings.



4b. Subconsultant Experience

Environmental Health and Engineering, Inc.

Hazardous Materials Consulting

Hazardous Materials & Demolition Debris Assessment and Management Services, Redevelopment (Former MMHC Site)

Location: **Boston, MA**

Date Completed: **2016**

Key Members: **Cynthia Campisano**

Construction Cost: **n/a**

Client Contact Info:
Joseph O'Farrell
(617) 495-1659

Project Description:

EH&E performed a hazardous building material inspection and assessment, developed and supervised a remediation plan, and developed a Beneficial Use Determination for on-site reuse of non-hazardous building demolition debris at the Partners Real Estate and Facilities (Partners) redevelopment of the former Massachusetts Mental Health Center, located in Boston, Massachusetts. EH&E was retained by Partners to perform a facility-wide, comprehensive, hazardous building material inspection and assessment for this multi-building campus.

Project Relevance:

- Hazardous materials assessment

Hazardous Materials Assessment, Topsfield Town Hall

Location: **Topsfield, MA**

Date Completed: **2017**

Key Members: **Cynthia Campisano**

Construction Cost: **n/a**

Client Contact Info:
Gregor Smith
(617) 835-4128

Project Description:

For over two years, EH&E has provided continuous environmental compliance services to the Town of Topsfield to support hazardous building materials management, soil management, and Massachusetts Contingency Plan (MCP) compliance during the course of construction of the Town Hall addition. These services have included extensive building and soil sampling, oversight of soil and asbestos removal, confirmatory testing, and regulatory reporting to address both the disposal of excess soils generated by the Project and remediation of lead-impacted soils discovered at the site during the course of construction soil management.

Project Relevance:

- Hazardous materials assessment
- Massachusetts public facility



Hazardous Materials Assessment, East Boston Social Center

Location: **Boston, MA**

Date Completed: **2017**

Key Members: **Cynthia Campisano**

Construction Cost: **n/a**

Client Contact Info:
David Silverman
(617) 426-1501

Project Description:

EH&E performed a hazardous building material inspection and assessment, developed and supervised a remediation plan, and developed a Beneficial Use Determination for on-site reuse of non-hazardous building demolition debris at the Partners Real Estate and Facilities (Partners) redevelopment of the former Massachusetts Mental Health Center, located in Boston, Massachusetts. EH&E was retained by Partners to perform a facility-wide, comprehensive, hazardous building material inspection and assessment for this multi-building campus.

Project Relevance:

- Hazardous materials assessment



4b. Subconsultant Experience

Environmental Health and Engineering, Inc.

Hazardous Materials Consulting

Hazardous Materials Evaluation, Boston Athenaeum, 10 ½ and 14 Beacon Street Renovation Project

Location: **Boston, MA**

Date Completed: **2017**

Key Members: **Cynthia Campisano,
Adam Bisol**

Construction Cost: **unknown**

Client Contact Info:

**Leah Rosovsky
(617) 227-0270**

Project Description:

Environmental Health & Engineering, Inc. (EH&E) provided consultation to the Boston Athenaeum (BA) for a hazardous materials evaluation of the 1st, 5th, and 6th levels at 14 Beacon and 1st, 2nd, 3rd, and 4th levels at 10 ½ Beacon of the Boston Athenaeum located at 10 ½ and 14 Beacon Street, Boston, Massachusetts. EH&E conducted an inspection for asbestos-containing materials, provided a survey for lead-based paint in the renovation area, and provided BA with a report highlighting their findings.

Project Relevance:

- Hazardous materials assessment



Hazardous Materials Assessment, Specification Design and Abatement Oversight Services, Crocker Elementary School

Location: **Fitchburg, MA**

Date Completed: **2024 (est.)**

Key Members: **Cynthia Campisano,
Adam Bisol**

Construction Cost: **\$60,000,000 (est.)**

Client Contact Info:

**Ed Bourget
(401) 519-8919**

Project Description:

Environmental Health & Engineering, Inc. (EH&E) provided a pre-demolition hazardous materials assessment and management services at the Crocker Elementary School located in Fitchburg, Massachusetts. Project tasks included NESHAPs-Compliant Asbestos inspection, lead-based paint inspection, a visual inspection of miscellaneous hazardous materials, and sampling of building materials for polychlorinated biphenyl (PCB) analysis. After completion of the previously mentioned tasks, EH&E provided a hazardous materials assessment report and abatement specifications.

Project Relevance:

- Hazardous materials assessment
- Working with Saam Architecture



Photo courtesy of Saam Architecture

4b. Subconsultant Experience

GMI Architects

Behavioral Health Consultant

Lemuel Shattuck Hospital Relocation

Location: **Boston, MA**

Date Completed: **ongoing**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$350,000,000**

Client Contact Info:

Richard Polvino

(617) 717-6738

Project Description:

The State of Massachusetts's relocation of Lemuel Shattuck Hospital into the former Newton Pavilion located in downtown Boston. While working with SLAM Collaborative and SAAM Architecture, GMI Architects is responsible for all Behavioral Health scope of work, within the DMH units and anywhere throughout the building DMH patients may be accessing.

Project Relevance:

GMI is the lead designer for five 24-bed DMH units and their associated staff and public program located on the 6th and 7th floor of the relocated hospital. While working as a consultant with a Prime Architect, GMI worked closely with Saam Architecture to coordinate many details of the project.



250-bed psychiatric hospital

Location: **Connecticut**

Date Completed: **ongoing**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$400,000,000**

Client Contact Info:

George Marsh

(617) 895-1028

Project Description:

Consultant to Payette Associates on a new state of the art 250-bed psychiatric hospital for a private healthcare provider.

Project Relevance:

GMI Architects is working as the Behavioral Health Consultant in development of a new 250-bed psychiatric hospital. While following the project scope from the Prime Architect, GMI Architects is responsible for the inpatient units and their connections to the public spaces.



WBC Center for Recovery

Location: **Dedham, MA**

Date Completed: **2020**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$13,500,000**

Client Contact Info:

Chuck Rossignol

(978) 314-1660

Project Description:

Full renovation of an existing 64,000 sf skilled nursing facility into the region's only psychiatric hospital focusing on eating disorder treatment. Program included two 24-bed inpatient psychiatric units and two residential treatment units.

Project Relevance:

GMI Architects was the Prime Architect in the full renovation of an existing structure into a psychiatric inpatient hospital. Working with existing built conditions and building systems, GMI designed a contemporary unit that focuses on treatment of eating disorders.



4b. Subconsultant Experience

GMI Architects

Behavioral Health Consultant

TaraVista Behavioral Health Center

Location: **Devens, MA**

Date Completed: **2016**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$20,000,000**

Client Contact Info:

Michael Krupa
(978) 615-5200

Project Description:

TaraVista is an 108-bed behavioral health in-patient hospital featuring four 24-bed patient units complete with reading rooms, aquariums and distinctive colors and an admission Care Access Unit directly connected to the ambulance entry.

Project Relevance:

GMI Architects was the Prime Architect and working hand-in-hand with the development team and Construction Manager to build a new 80,000 sf inpatient psychiatric hospital.



Silver Hill Hospital ACU Renovations

Location: **New Canaan, CT**

Date Completed: **ongoing**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$10,000,000**

Client Contact Info:

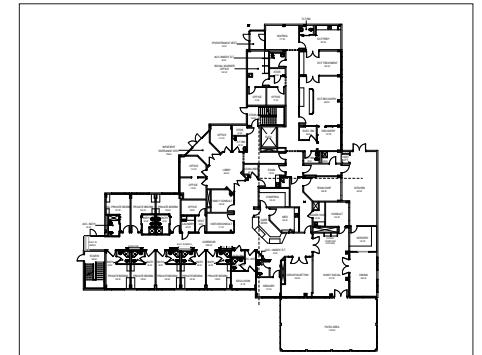
Rick Markello
(203) 801-2232

Project Description:

Renovation of existing 9,000 sf Acute Care Unit to house new 8-bed inpatient unit, Interventional Psychiatric Services outpatient space and a new 14-bed inpatient unit. GMI, with our team of consultants, explored single story and multi-story design options.

Project Relevance:

GMI Architects is the Prime Architect in reconfiguring the ACU on Silver Hill's campus. While working with clinical staff and management feedback, we found a solution that provided dedicated inpatient and IPS space that securely access shared staff and visitor space.



Saam (pronounced "sahm") is a multi-lingual descriptor that translates as “together”. Since its founding in 2014, Saam has grown to a team of 25 designers with diverse backgrounds and skill sets. A certified Massachusetts WBE/DBE firm, Saam Architecture is committed to a progressive approach to the practice of architecture, which enables us to deliver highly collaborative and award winning design. Saam’s team of architects and interior designers provide not only sufficient depth but also highly relevant experience for the new DYS Regional Service Center.

EVALUATION FACTOR 01

Demonstrated expertise in designing trauma-informed spaces for youth that address educational, psychological, and health needs. Established track record of innovative design approaches that satisfy strict safety, security, and anti-ligature requirements while at the same time challenges the impersonal institutional conformity that often characterize such space.

Behavioral Health Design Team

The new DYS Regional Youth Service Center requires a team with expertise in secure behavioral health facility design as well as thorough knowledge of DYS, DMH, and DCAMM standards. Saam has worked with all three of these agencies over the last two years, as has our proposed Project Manager, Kristin Tedford.

In order to deliver a facility that meets the safety, physical, and psychological needs of the clients, Saam has included GMI Architects as Behavioral Health Specialists for this contract. Our teams recently developed a strong workflow on the **Lemuel Shattuck Hospital Relocation** project in collaboration with SLAM Collaborative. On Shattuck, GMI was responsible for the design and full documentation of the 115 inpatient beds for DMH, as well as other clinical areas required by DPH (Department of Public Health). Saam’s work focused on the design of diagnostic and treatment spaces to support the various agency clients, including operating rooms, PACU, Lab, pharmacy, rehab, the outpatient clinic, and many of the DOC (Department of Corrections) spaces.

While Kristin Tedford was a critical member of Saam’s Shattuck team, she also recently led renovations on four floors of Allen Hall (a hardware secure facility) at **Westborough State Hospital** that focused on renovation of 24 fully anti-ligature / anti-barricade, single-user shower/ bathroom spaces. Kristin worked closely with DYS on implementing their standard equipment. Finally, Kristin was deeply involved in the design phases of DCAMM’s 13-agency renovation in the John W. McCormack building. As such, she is ideally suited to lead this project, and has capacity to do so.

Trauma-Informed Design / Saam

Both Saam and GMI have experience in designing trauma-informed spaces. As mentioned, Saam recently completed work at **Westborough Hospital’s Allen Hall** for a similar population to that of the new DYS Regional Youth Service Center. In addition, the new **City of Boston Engagement Center** was designed by Saam for the population of the Mass/Cass area of Boston, which is composed of people of all ages. Clients who visit this low-threshold facility each day have experienced severe trauma related to housing insecurity, substance use disorders, and other behavioral health conditions.

In working with the both the City of Boston Public Facilities Division and the Boston Public Health Commission, Saam developed a design approach for the Engagement Center that has provided a place of safety and refuge as well as spatial relief. The design of the main space includes a light-diffusing insulated glass clerestory that offers a bright yet soft light. After dark, this volume has a beacon-like quality that offers comfort far above the street, while the mostly opaque walls provide physical safety and anonymity.

Saam is currently designing an **MSBA elementary school** that has a large population of students who are impacted by trauma. We have integrated biophilic design - a concept that connects occupants with nature - throughout the new building. Biophilic design supports physical health, improves psychological well-being, and reduces stress. Examples of biophilic elements include visible connections to the outdoors, use of natural colors and textures, and access to daylight. This approach also aligns well with the goals of trauma-informed design.

Responsibility Matrix

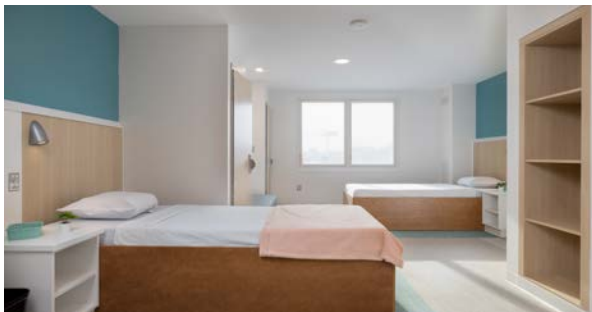
Saam and GMI have agreed upon each firm’s scope for the primary areas of work. This is based on our collaboration on the Lemuel Shattuck Hospital 2024 Relocation project.

Scope	Saam	GMI
OVERALL PROJECT		
Project management / Prime + Architect of Record	X	
Meeting management and documentation	X	
Workshop participation	shared	
Certifiable Building Study Narratives	shared	
Overall building design, including massing and exterior	X	
Clinical / behavioral health programming and planning		X
Clinical / behavioral health design and documentation.		X
Clinical support space design and documentation.	X	
Consultant coordination	X	
Anti-ligature design and specification	shared	
Construction Administration Lead	X	

Demonstrated expertise in designing trauma-informed spaces for youth that address educational, psychological, and health needs. Established track record of innovative design approaches that satisfy strict safety, security, and anti-ligature requirements while at the same time challenges the impersonal institutional conformity that often characterize such space.



Treatment space at TaraVista Behavioral Health Center, Devens, MA. (GMI)



Bedroom at the WBC Center for Recovery, Dedham, MA. (GMI)

Trauma-Informed Design / GMI

GMI Architects has been designing facilities for behavioral health for over 40 years, and has been responsible for over 65 behavioral healthcare programs, master plans, and designs involving over 6,000 inpatient beds. Their projects range from a 16 bed unit for **McLean Hospital**, to a new \$400 million, 250 bed psychiatric hospital located in Connecticut.

Through their decades of practice, they have come to believe that a “Therapeutic Environment” is instrumental to the creation of a warm and healing setting for the populations they serve. It’s imperative that the facilities they design are impeccably safe and secure. They give inordinate care to the design, selection, and incorporate safety/security concerns in a subtle manner, thus creating familiar and comfortable environments for residents and patients to heal and thrive.

As an example, GMI Architects recently worked with **Walden Behavioral Care** to create a facility that is both comfortable, and supportive for the treatment of patients with eating disorders. Care was taken to design dining rooms to have the appropriate space needed for meal times, adequate storage so as not to leave triggering food in view during mealtimes, limiting windows into dining rooms so patients do not feel on display, access

to a teaching kitchen to reestablish a health relationship with food, and limiting mirrors in patient bedrooms to aid in the improvement of self-image. However, as a licensed psychiatric hospital, GMI was also highly attentive to the creation of a safe and secure facility, with universal anti-ligature, anti-elopement, and anti barricade considerations.

Many of the inpatient units and residential treatment centers that GMI has designed have been for an adolescent patient population and take into account age-appropriate social spaces, device storage and charging needs, and areas for self-expression. Community rooms are formatted for comfortable seating but limit opportunities for concealing contraband. If the youths are allowed access to their devices, custom charging stations provide a central location for cell phones, tablets and laptops to be charging while patients can ensure their device has not been used by other patients. Areas of self-expression include art rooms, music and movement rooms, and locations to write/ draw on bedroom walls to provide a sense of identity and ownership to their space.

Behavioral Care facility design requires a balance between seemingly irreconcilable criteria. On one hand, a safe, secure, and controlled setting is essential. On the other, the character of the facility should give patients and staff a sense of pride and self-respect. The resolution of these conflicting criteria requires innovative design solutions. GMI has helped to establish a new standard for the care and treatment of people with behavioral problems, and the concept of the therapeutic environment.

Safety, Security, Anti-Ligature

As outlined above, Saam and GMI have portfolios that include strict safety and anti-ligature design. Saam collaborated extensively with the Boston Department of Public Health on the bathroom and shower area of the new **Engagement Center**. By creating circulation through large openings, occupants retain a connection to the main space, but also a balance of safety and privacy. The space is monitored on each end by Boston DPH staff, allowing the team to view both the occupants of the main space and the bathroom area. All of the fixtures and hardware are anti-ligature and anti-barricade.

In addition to our clients for Allen Hall and the Shattuck Hospital project, Saam has multiple security and defense clients who require strict safety, security, and anti-ligature design. For instance, the award-winning **Hanscom Airfield Rescue and Fire Fighting (ARFF) Facility / United States Customs and Border Protection (USCBP) Facility** followed standards of both agencies. The USCBP space required “secondary” holding for specific passengers which included anti-ligature hardware and plumbing fixtures. Likewise, a recent design for the **DHS Renovation of the 7th Floor of the Barnes Building** incorporated similar requirements.



Boston Engagement Center, Boston, MA. (Saam, RMF, B+AC, Kalin, EH&E)
Bathroom and shower area with view to the main space.

Demonstrated expertise in designing new buildings in historically significant campuses and experience with Chapter 149A projects. Ability to innovate while being responsive to existing context.

Responding to Historic Context

Designated as an historic district by the National Register of Historic Places, the Taunton State Hospital is an architecturally significant campus. To that end, the new DYS Regional Youth Services Center must respond to the historic context appropriately. Diana Nicklaus, the team's Principal-in-Charge, has worked in the historic preservation field, including contributions to National Register nominations.

Saam's legacy portfolio includes the new **Integrative Learning Center** located on the UMass Amherst campus. This building responds to the historic fabric on each side of the building, complimenting the adjacent concrete, stone, and masonry buildings. Saam's **City of Boston Engagement Center** was designed to directly acknowledge the surrounding masonry buildings of the historic City complex while complimenting the brick with other materials that accentuate key aspects of the building massing.

Responding to the historic context also includes coordinating with existing campus infrastructure. RMF Engineering is currently working on numerous campuses across New England, such as Williams College, UMass Amherst, and UMass Lowell, where they are looking at how new and existing buildings are best integrated into larger facilities master plans.

Saam's landscape consultant, Ground, has worked on the Taunton DYS campus, and is familiar with the historic landscape and how to best compliment the historic campus while providing a healing landscape.



Section 35 Men's Program, Taunton State Hospital (Ground)

Ch. 149a Experience

Saam's public portfolio has multiple projects for Commonwealth agencies that were designed and constructed under MGL Ch. 149a procurement regulations. We are well-versed in the statutory responsibilities of the Designer, in addition to deep experience in reviewing CM and Trade Contractor qualifications and proposals. Projects include:

- John W. McCormack Building—Future of Work Renovations, One Ashburton Place (2020–present, with Jensen Hughes, EH&E, and Kalin)
- John W. McCormack Building Immediate Needs Project (2018–2021, with Fernandez, EH&E, and Kalin)
- Lemuel Shattuck Hospital 2024 Relocation (2019–2022, with GMI)
- Logan Airport, Terminal B Roadways and Terminal Rehabilitation, East Boston, MA (2021–present)
- Framingham Logan Express Garage Renovation and Addition, Framingham, MA (2019 –2020)

In addition, Diana Nicklaus led various aspects of two Ch. 149a delivery projects: the Integrative Learning Center on the UMass Amherst Campus (with DCAMM), and the Roger E. Wellington Elementary School in Belmont, MA. For each of these projects, Diana Nicklaus provided designer representation for CM at Risk selection and Trade Contractor pre-qualification.

B+AC, LLC and its engineers have several Ch. 149a engagements of note including the McGuirk Stadium – Upgrades. Also with the UMass system, B+AC personnel were central to the transformation of Furcolo Hall into classroom and study-spaces, and putting both chemistry and the arts under a common roof at the General Academic Building #1 in Boston. Currently on the boards are Carter School in Boston and Stoneham High School, and upcoming is the curtain-wall replacement of MassArt's 300k sq ft main-building, high-rise. Apart from these examples of 149A work, B+AC is adept with all approaches to work and client preferences, and the hallmark of its work is creativity, detail, and quality.

The local Boston office of **RMF Engineering** has a team with decades of work for the Commonwealth. RMF's Lead Mechanical Engineer, Stephanie Lafontaine has been the designer for many Ch 149A projects including Millers River Housing renovation and 5 Necco Court (historic) renovation.

Green International has provided civil/site engineering for numerous M.G.L. Ch. 149 projects as the civil engineering subconsultant to highly-respected and award-winning architectural firms for high profile public and higher education projects. In particular, Green has been the civil engineering subconsultant on a number of university buildings, trial courts, police stations, and the Commonwealth's first net-zero energy building for the Massachusetts Division of Fisheries and Wildlife.



MA Division of Fisheries and Wildlife, Westboro, MA. (Green)

Our team's specification writer, **Kalin Associates**, is a recognized leader in development of specifications under M.G.L. projects. Mark Kalin and his team have supported hundreds of M.G.L. projects. Kalin Associates is the go-to specifications team member for Saam.

Dharam Consulting's Boston office has extensive DCAMM experience, ranging from renovation and facilities maintenance to major new construction including residential and health facilities. These projects have been procured using both Design/Bid/Build (Chapter 149), and Construction Management (Chapter 149A).

Proven track record of integrating architecture and landscape design to facilitate healing without compromising on safety and security needs, preserve and complement the historic milieu, and further sustainability and campus resiliency goals.

Trauma-Informed Landscape

Ground has significant experience in the design of trauma-informed landscapes that balance healing, security, and safety. Most recently, the team at Ground has completed the design of landscapes for the **Women's Recovery from Addictions Program (WRAP)** as well as the **Men's Section 35 program at the Taunton State Hospital**.

Completed in 2016, the WRAP includes two landscaped courtyards designed to respond to different stages of addiction recovery. The healing garden supports the intensive detoxification stage while a second courtyard is designed for more active recreation. The recently completed Men's program consists of two secure and accessible courtyards with active spaces, outdoor small group gathering spaces, and a programmable roof terrace. The large courtyards are broken down into smaller spaces with soft paving material and hearty planting to help create a calming environment. Additional landscape scope included the accessibility renovation of the glass entry area as well as emergency vehicular access and parking.

Ground was also the landscape architect for the feasibility study of the Section 35 program at the **Plymouth MASAC** facility. This study incorporates the analysis of the exterior grounds of the campus with a strong focus on accessibility, security, and potential for outdoor active programming.

Sustainability and Resilience

Within the landscape, the most significant manifestations of sustainability are often related to storm water and to the conservation of existing landscape resources. Ground includes strategies that significantly decrease surface runoff, improve the urban tree canopy, create habitat diversity, decrease the heat island effect, and enhance the quality of water returning to the ground.

Budget and Viability

Ground understands that a truly sustainable approach to the landscape must also be economically viable. Senior staff at Ground have a very clear understanding of construction methodologies and the budget implications of decisions made. The firm's working method is flexible and highly responsive to program and budget considerations, anticipating issues that could result in high costs. Throughout the entirety of the design process the office develops design alternatives that will maintain the integrity of the design faced with a budget constraint thus resulting in solutions that give the best long-term value to the project.

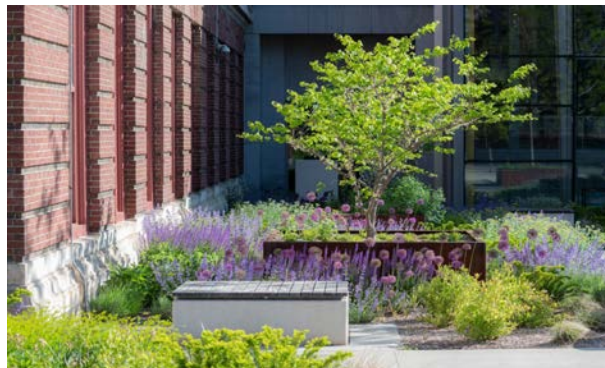
Security and Safe Landscapes

Through their experience on the Section 35 projects described above, Ground has developed approaches for designing safe and secure solutions that are well-integrated in a gracious and visually unimposing way. In integrating their design with the architectural team, Ground's process explores multiple options. Design of the security fence excludes any adjacent climbable elements. Each landscape element is fixed such that nothing can be picked up to harm oneself or others. Finally, plantings intentionally steers clear of specifying toxic or hallucinogenic plants.

Saam's approach to the **City of Boston Engagement Center** took particular care with two aspects of the outdoor hardscape. The first was a secure courtyard, offering visitors safe space for fresh air located on the back side of the building. Because the Engagement Center's mission focused on providing open doors to people who might otherwise not seek support, the front plaza was designed to physically encourage people to be drawn to the entrance. Conversely, after hours safety was a critical requirement. In order to deter people from sleeping, there was a sloped concrete curb at the corner with tree plantings at both ends of the plaza and corner. The orientation of the front entrance doors faced the plaza to provide a communal queuing area that provided a sense of shelter.



Women's Recovery from Addiction Program, Taunton State Hospital. (Ground)



MassArt Center for Design and Media, Boston, MA. (Ground)



Boston Engagement Center, Boston, MA. (Saam, RMF, B+AC, Kalin, EH&E)

The Prime firm, through their Diversity Focus Statement, shall demonstrate their firm's implementation of Equity, Diversity, and Inclusion (EDI) principles within its organization and within the design profession.

Saam's Own Approach to Diversity

Since its founding in 2014, Saam has been structured to offer a "level playing field" to all our employees such that all can pursue career goals regardless of other life commitments. We do this by providing a progressive approach to culture and benefits—an approach that has received attention at the national level within the AEC industry's discourse on equitable culture. In this way, DEI has always been "baked in" to our practice model. This model has successfully attracted a talented and diverse team, many of whom would have left the profession had they not found our culture.

Saam is a WBE firm, which supports traditional diversity supplier programs. That said, Saam truly meets the spirit of WBE (87% women). We are however, much more proud that our team of 25 includes individuals from nine countries, and we are able to speak 11 languages.

Project Track Record

In the last five years, Saam exceeded has the client's stated MBE/WBE goals for these projects:

Project	MBE	WBE
McCormack Future of Work*	5%	54%
City of Boston Engagement Center	7%	52%
Crocker Elementary School	5%	74%
McCormack Immediate Needs*	5%	29%
Camp Edwards Dining Hall Facility*	13%	18%
Camp Edwards BAT Trainer*	21%	56%
MAARNG Middleboro Roof*	9%	54%
Camp Edwards AASF Upgrades*	6%	30%
USACE Barnes Building Renovation*	4%	43%

* DCAMM projects

Saam's Teaming Approach

For the new DYS Regional Youth Services Center, Saam chose firms with whom we have well-established and successful experience. Because the City of Boston Engagement Center project has many similarities to this project, our core consultants (MEP, Structural, Code, and Specs) are from the same team, including the individual Saam and consultant team members. The narrative of Evaluation Factor 1 above describes our rationale for our selected Project Manager and Behavioral Health Consultant.

As a WBE firm known for advancing women in the architectural profession, Saam also recognizes the lack of MBE businesses in the industry, and proactively works to include MBE team members, both familiar and new to Saam. For this contract, Saam has selected the following MBE firms:

B+AC—Saam and B+AC were founded at nearly the same time, and we have had the opportunity to collaborate on more than ten projects since then, including the City of Boston Engagement Center and Crocker Elementary School.

Green International, the team's civil engineer, has a long history of working on state projects. Saam has most recently worked with Green on Massport's ARFF/CBP Station at Hanscom Field, the Shaw Hall Dining at Camp Edwards, and a renovation at the Barnes Building in Boston.

Dharam is a Boston-based estimating company that Saam Architecture has recently engaged on a state project. Their experience includes many state projects as well as work for DYS.

We routinely invite new consultants to join our team, consistently focusing on growing WBE/MBE/VBE relationships. For this contract, we are happy to include **Ground**, a WBE landscape firm with an exceptional design portfolio and strong Commonwealth experience. Saam welcomes the opportunity to collaborate with Ground.

Roles & Responsibilities

Saam's Principal-in-Charge, Diana Nicklaus, will lead the project, and ensure that the goals of each stakeholder are met.

Kristin Tedford, as Project Manager, will build upon her relationships with all of the stakeholder agencies and lead the consultant team.

Project Architect Chin Chin Yao will bring her experience with Boston DPH and MGL bidding to ensure a thorough and well-coordinated set of documents.

Teaming History	Saam Architecture	RMF Engineering	B+AC	Kalin Associates	EH&E	Green International	Jensen Hughes
USACE / DHS Renovation of the 7th Floor of the Barnes Building	x		x		x	x	
MA Air National Guard Barnes Gate Relocation	x	x	x	x		x	
City of Boston Engagement Center	x	x	x	x	x		x
City of Fitchburg Crocker Elementary	x		x	x	x		x

Key team members will have demonstrated experience in leading and facilitating projects which target high efficiency and climate resiliency in design and systems, including knowledge of Passive House and Net Zero building design principles, resilient design, considerations of site-specific resilience enhancements, decarbonization of fossil fuel systems, the integration of architectural elements and mechanical systems, and strategic electrification.

Saam's portfolio includes numerous LEED certified buildings as well as highly sustainable designs. Most recently, worked with the On the City of Boston Engagement Center, Saam, RMF, B+AC, and Kalin incorporated numerous sustainable design practices, aligned with City standards and initiatives. A few central strategies are noted below:

- Reduction of fossil fuel usage by being an all-electric building
- Renewable energy potential on site through a solar-ready roof structure
- Incorporation of water metering and low flow fixtures
- Implementation of underground water retention
- Utilization of energy modeling as part of the design process
- Selection of glazing materials in the clerestories that spread and maximized the daylighting
- Specification of energy efficient lighting fixtures
- MEP commissioning and building envelope commissioning
- Resilient siting per City of Boston



Boston Engagement Center, Boston, MA. (Saam, RMF, B+AC, Kalin, EH&E)
"You Are Loved" mural by Alex Cook. (Boston Public Art Commission)

RMF / Strategic Electrification

RMF has long term relationships working with institutional and public agency clients who are seeking to achieve carbon reduction goals. Their capabilities provide them with the full range of strategies needed to achieve a fossil fuel-free future. One piece of an integrated decarbonization approach includes Strategic Electrification, which is powering end uses with electricity instead of fossil fuels. When this electricity is derived from renewable sources like wind and solar, greenhouse gases and pollution are reduced.

One example of this is their work with Williams College in western Massachusetts. Starting with a Utility Master Plan, RMF evaluated the reliability, efficiency, and environmental impact of the existing utility infrastructure, and recommend improvements to achieve the goals established in the campus Climate Action Plan (CAP). With the expectation that all future buildings and building renovations would convert buildings to electric heat, significant burden would be placed on the college's electrical distribution system. RMF worked with Williams to identify areas that would address capacity including increasing the campus distribution voltage from 4.16kV to 13.8kV and possibly adding a second substation.

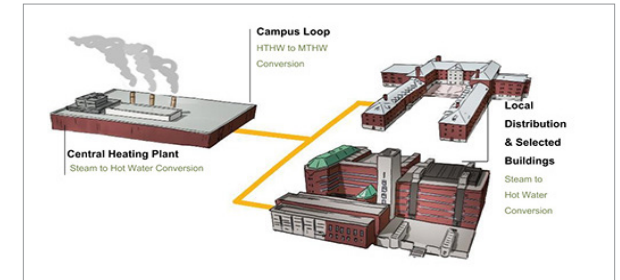
RMF / Decarbonization of Fossil Fuel Systems

RMF is known for their expertise in campus energy systems and has been fortunate to work with clients nationally on their decarbonization plans that include upgrades to both buildings and infrastructure to achieve a fossil fuel free future. During the execution of the contract, RMF focuses on reducing carbon emissions, and reducing energy consumption without sacrificing reliability with regards to the building and utility systems' ability to serve any facility. RMF has extensive experience in energy auditing and identifying methods for reduction in annual utility operating costs.

Working for DCAMM directly, RMF Engineers was hired to carry out an audit to identify Energy Conservation Measures for 35 buildings on the UMass Lowell campus. Over 146 cost effective energy conservation measures were identified, valued at \$24.6 million. A design build bridging document (35%) was prepared by RMF and competitive bids were solicited for implementation. RMF is currently working on Phase I of UMass Amherst's UMass Carbon Zero program which will include geothermal energy and converting campus thermal distribution to Low Temperature Hot Water. RMF is also the MEP engineer for a new residence hall for a confidential client which is being designed to achieve Passivhaus certification.

As part of their effort to enhance the sustainability of the Heating and cooling systems throughout campus, UMass Amherst engaged RMF to carry out a Sustainable Thermal Energy Storage (TES) Study that evaluated strategies including thermal storage tanks, CHW district Loops, and satellite heat.

Green was on the team responsible for the design of the Massachusetts Division of Fisheries and Wildlife Field Headquarters, the Commonwealth's first net-zero energy public building. Green has designed numerous LEED certified buildings, including Platinum certified buildings. Danielle Spicer, Green's civil engineering lead for this project is a LEED accredited professional and an ISI certified Envision Sustainability Professional (ENV SP) and has managed several projects recognized for sustainable design elements.



Decarbonization Roadmap Phase I, Brown University, Providence, RI. (RMF)

3. Resumes

Saam Architecture

Architecture

Diana Nicklaus, AIA, LEED BD+C, MCPPO

Project Role:
Principal-in-Charge

MA Registration Type and #:
Architecture, #31102

Years w/ Firm: **8**
Total Years Experience: **25**

Additional registrations / certifications:

Registered Architect:
NY, ME, NH, CT, RI, ND
LEED BD+C, MCPPO, NCARB

Availability:
50%
Crocker Elementary: 10%
McCormack Future of Work: 30%
Office Management: 10%

Applicant Office Address:
283 Franklin Street, 6th Floor
Boston, MA 02110

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Diana's portfolio includes high-profile, large-scale institutional projects, including those in the institutional, healthcare, higher education, commercial, cultural arts, and K-12 education sectors, among others. She has practiced architecture in both the United States and Italy, with projects throughout the continental U.S. and Europe. She is dedicated to enabling successful delivery of the design vision for the client and the entire project team. Diana's professional interests include supporting and encouraging diversity in the construction industry.

City of Boston Engagement Center, Boston, MA: Principal-in-Charge. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the day. This new 6,000-square-foot building was designed to include several sustainable design practices, aligned with City standards and initiatives. (2021)

Westborough State Hospital Allen Hall Upgrades, Westborough, MA: Principal-in-Charge for a series of bathroom upgrades at Westborough State Hospital, which is owned and operated by the Department of Youth Services (DYS). The four-story facility required building upgrades so the DMH could proceed with a new youth program to house 30 adolescents of mixed gender on two floors, with 15 occupants per floor in individual rooms. The building's other two levels were organized into an admin floor and academic floor. (2021)

Massport Airfield Rescue and Fire Fighting (ARFF) Facility, Hanscom Airfield, Bedford, MA: Principal-in-Charge. The new ARFF provides a high level of response for Massport fire fighters and supports the programmatic needs of the department in compliance with the FAA recommended program. The project is pursuing the highest level of sustainability design possible. (2019)

Community Health Center of Cape Cod Addition, Mashpee, MA: Principal-in-Charge and Project Manager for the design of a 22,000 sf addition to a community ambulatory care center. (*At Burt Hill/Stantec*) (2013)

Chelsea Soldiers' Home House Doctor, Chelsea, MA: Principal-in-Charge and Project Manager for seven certifiable studies for ADA and campus upgrades at this historic site. Diana provided study and design documents for deferred maintenance projects. Project scope included reviewing the accessibility of the six-story building, which houses four stories of live-in residents, as well as caters to doctors, nurses, and social workers.

Tewksbury Hospital House Doctor, Tewksbury, MA: Project Manager. Provided study and design documents for deferred maintenance projects at this historic campus for citizens of the state. (*At Burt Hill/Stantec*)

MSBA / Crocker Elementary School, Fitchburg, MA: Principal-in-Charge working on feasibility through design on a new 116,000 gsf \$50–60 million elementary school. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Division of Capital Asset Management and Maintenance, Boston, MA

- **John W. McCormack Building Renovations—Future of Work:** Principal-in-Charge. Implementation of the Commonwealth's \$50 million initiative to convert to a hybrid model of part time work from home. Saam is managing the office space requirements of 15 state agencies, as well as supporting upgrades of electrical and IDF closets throughout the building. This complex three-phase restack will be completed over 30 months of construction. From test fits to construction administration, this project will restack this state office tower. (2023)
- **John W. McCormack Building—Immediate Needs:** Principal-in-Charge. The McCormack Immediate Needs project is a renovation at the One Ashburton Place building occupied by DCAMM. The project includes upgrades to MEP systems, restrooms, and accessibility throughout the building. (2021)
- **John W. McCormack Building Comprehensive Facilities Plan and Infrastructure Upgrades:** Principal-in-Charge. A comprehensive facilities plan for infrastructure upgrades and repairs, evaluating the building envelope, building systems, and common areas, as well as implementation of short term upgrades and full modernization project. The final report outlined numerous scenarios for phasing and implementation of a full building modernization, including building systems and envelope replacement. (2020)

3. Resumes

Saam Architecture

Architecture

Kristin Tedford, AIA, NCIDQ, LEED GA, WELL AP

Project Role:
Project Manager

MA Registration Type and #:
Architecture, #952436

Years w/ Firm: 4
Total Years Experience: 11

Additional registrations / certifications:
Registered Architect: CO
NCIDQ, WELL AP, LEED GA, NCARB

Availability:
50%
Crocker Elementary: 25%
McCormack Projects: 25%

Applicant Office Address:
283 Franklin Street, 6th Floor
Boston, MA 02110

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Kristin's background in a variety of project types gives her the tools to look at each project from multiple perspectives and problem solve to make every design a reality, working closely with clients to achieve their goals. Kristin is both a licensed architect and interior designer. In her professional career she has worked on many project types including institutional, healthcare, higher education K-12, food service, multi-family, and corporate/commercial.

City of Boston Engagement Center, Boston, MA: Architect. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the day. This new 6,000-square-foot building was designed to include several sustainable design practices. (2021)

Westborough State Hospital Allen Hall Upgrades, Westborough, MA: Project Manager for a series of bathroom upgrades at Westborough State Hospital, which is owned and operated by the Department of Youth Services (DYS). The four-story facility required building upgrades so the DMH could proceed with a new youth program to house 30 adolescents of mixed gender on two floors, with 15 occupants per floor in individual rooms. The building's other two levels were organized into an admin floor and academic floor. (2021)

Shattuck Hospital Replacement Building, Boston, MA: Architectural Designer/Planner. Saam is an associate architect to the SLAM Collaborative in this 8-story renovation project to relocate the existing hospital in Jamaica Plain to an existing structure in the South End. Kristin's role as part of the Diagnostics and Treatment team includes designing and coordinating some crucial hospital spaces such as the OR's, PACU, Pharmacy, Sterile Processing department, and various other accessory spaces. (2024)

MSBA / Crocker Elementary School, Fitchburg, MA: Architect / Interior Designer working on feasibility through design on a new 116,000 gsf \$50-60 million elementary school, including athletics. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Division of Capital Asset Management and Maintenance, Boston, MA

—**John W. McCormack Building 10th Floor OSD Office Renovations:** Project Manager / Interior Designer for a renovation of Office of Supplier Diversity office. Scope includes certified study through design and construction, and renovation of open and closed offices, conference rooms, and kitchenette. (2022)

—**John W. McCormack Building Security/Auditor Renovations:** Project Manager working on the renovation of approximately 1,800 sf of office space and reconfiguration of the DCAMM security rooms. Scope includes reconfigured furniture layout, improved acoustical performance, select new finishes and MEP/FP upgrades. (2022)

—**John W. McCormack Building—Immediate Needs:** Architect and Interior Designer. The McCormack Immediate Needs project is a renovation at the One Ashburton Place building occupied by DCAMM. The project includes upgrades to MEP systems, restrooms, and accessibility throughout the building. (2021)

UMass Memorial Hospital + Aramark: Job Captain for a new hospital café and lounge space for hospital patients, families, students, and staff. Responsibilities included designing the space and coordinating with consultants. (*Beacon Architectural Associates*)

City of Broomfield / Community Center Renovation and Addition, Broomfield, CO: Project Architect for a renovation/addition and reorganization of existing offices, classrooms, and senior facilities in a complicated phased out construction plan. (*Davis Partnership Architects*) (2020)

3. Resumes

Saam Architecture

Architecture

Chin Chin Yao, AIA, LEED BD+C

Project Role:
Project Architect

MA Registration Type and #:
Architecture, #50836

Years w/ Firm: **5**
Total Years Experience: **13**

Additional registrations / certifications:

Availability:
50%
Crocker Elementary: 50%

Applicant Office Address:
**283 Franklin Street, 6th Floor
Boston, MA 02110**

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architecture



Chin Chin brings a broad range of experience in new construction and historic renovations, including institutional, hospitality, higher education, K-12, civic/cultural, and residential throughout the Northeast. She has contributed collaboratively through all phases of architectural practice from early master planning and developing conceptual design studies, to leading consultant coordination and BIM management, to construction documentation and administration.

City of Boston Engagement Center, Boston, MA

Project Manager / Project Architect. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the

day. This new 6,000-square-foot building was designed to include several sustainable design practices, aligned with City standards and initiatives. (2021)

MSBA / Crocker Elementary School, Fitchburg, MA

Project Architect for a new 116,000 gsf \$50–60 million elementary school. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Warwick Public Schools / Comprehensive Model High Schools, Warwick, MA

Architect. In collaboration with Frank Locker Educational Planning and the City of Warwick School District, Saam developed a comprehensive master education and facilities plan that informed the development of a Comprehensive Model High School to be constructed at two locations. Efficiency of building layout and circulation is maximized on each site: relationships between interior building programming relates to the exterior programming, while interior circulation doubles as flexible academic spaces. (2021)

New England Conservatory / High Rise Dormitory, Performance Space, and Library, Boston, MA

Project Architect for a mixed-use, new construction 130,000 sf high-rise building with seven stories of dormitory, dining commons, two-story library, performance spaces with black box theatre, and orchestra rehearsal room, as well as an outdoor communal area that involved extending the sidewalk and providing accessible public space. Chin Chin worked on the project from Conceptual Design through Construction Administration with a focus on the performance spaces, coordinating with consultants and public areas of dining and student dormitory interiors. (At Ann Beha Architects)

Department of Defense / Building 1102 Renovation, Hanscom Air Force Base, Bedford, MA

Project Architect for a comprehensive rehabilitation and renovation of a 75,000 sf building at Hanscom AFB. Scope includes new offices, conference rooms, and other office support spaces. Much of the building is designated as secure space and involves sound isolation and physical security measures. (2021)

Northeastern University / 177 Huntington Avenue, Floors 13 and 22, Boston, MA

Project Manager / Project Architect of two 6,500 sf fitout of academic spaces, including areas for professors and their post-docs and graduate students, as well as support spaces, IT closet, kitchen, conference rooms, huddle space, and seminar area. The project created an open, inviting environment that brought academic and administrative groups together. (2020)

Yale University / Center for the Humanities, New Haven, CT

Architect / Project Designer. Renovation of an historic building complex combining humanities departments with offices, meeting rooms, classrooms, and an underground auditorium beneath a central courtyard. (At Ann Beha Architects)

3. Resumes

Saam Architecture

Architecture

Koos Louw

Project Role:
Project Designer

MA Registration Type and #:

Years w/ Firm: **8**
Total Years Experience: **30**

Additional registrations / certifications:
NCARB

Availability:
50%
Crocker Elementary 20%
New Bedford Airport: 20%
Office Management: 10%

Applicant Office Address:
283 Franklin Street, 6th Floor
Boston, MA 02110v

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architecture



Since launching his professional career in 1983, Koos has successfully completed residential, commercial, institutional, and healthcare projects for private clients, corporations, and state agencies in the United States, Africa, and the Middle East. He excels in developing collaboration strategies that are innovative and uniquely responsive to the specific requirements of each individual project or project pursuit. The demands of complex projects play well to his strengths, specifically his overall technical knowledge, team leadership skills, and ability to capitalize on design opportunities.

City of Boston Engagement Center, Boston, MA: Lead Designer. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the day. This new 6,000-square-foot building was designed to include several sustainable design practices, aligned with City standards and initiatives. (2021)

Massport Airfield Rescue and Fire Fighting (ARFF) Facility, Hanscom Airfield, Bedford, MA: Project Executive. The new ARFF provides a high level of response for Massport fire fighters and supports the programmatic needs of the department in compliance with the FAA recommended program. The project is pursuing the highest level of sustainability design possible. (2019)

Shattuck Hospital Replacement Building, Boston, MA: Collaborating Principal. Saam is an associate architect to the SLAM Collaborative in this 8-story renovation project to relocate the existing hospital in Jamaica Plain to an existing structure in the South End. (2024)

Community Health Center of Cape Cod Addition, Mashpee, MA: Project Executive for the design of a 22,000 sf addition to a community ambulatory care center. (At Burt Hill/Stantec) (2013)

MSBA / Crocker Elementary School, Fitchburg, MA: Lead Designer for a new 116,000 gsf \$50–60 million elementary school. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Warwick Public Schools / Comprehensive Model High Schools, Warwick, MA: Lead Designer. In collaboration with Frank Locker Educational Planning and the City of Warwick School District, Saam developed a comprehensive master education and facilities plan that informed the development of a Comprehensive Model High School to be constructed at two locations. Efficiency of building layout and circulation is maximized on each site: relationships between interior building programming relates to the exterior programming, while interior circulation doubles as flexible academic spaces. (2021)

MSBA / Roger E. Wellington Elementary School, Belmont, MA: Collaborating Principal for a new elementary school housing 680 students ranging from preschool to grade 4. The school is composed of two wings with a core of communal spaces, including a library, music rooms, and a cafetorium. This was a Chapter 149a public bid project and was completed in collaboration with Jonathan Levi Architects. (At Burt Hill/Stantec) (2011)

University of Massachusetts, various locations, MA (At Burt Hill/Stantec)

- **Integrative Learning Center, UMass Amherst:** Principal. This \$93 million, 173,000 sf building is equipped with the latest audiovisual devices and educational technologies, and accommodates up to 2,000 students.
- **Morrill Labs Renovation, UMass Amherst:** Principal-in Charge of a 20,000 sf renovation and modernization of three new faculty research laboratories and shared staff space.
- **Massachusetts Medical Device Development Center, UMass Lowell:** Principal-In-Charge of a 9,000 sf renovation of an historic building on the UMass Lowell campus into incubator space for start-up medical device companies.

3. Resumes

Saam Architecture

Architecture

Autumn Thompson, NCIDQ

Project Role:
Interior Designer

MA Registration Type and #:
Interior Design #36757

Years w/ Firm: **5**
Total Years Experience: **7**

Additional registrations / certifications:
NCIDQ, ASID, IIDA

Availability:
50%
Crocker Elementary: 25%
McCormack Projects: 25%

Applicant Office Address:
283 Franklin Street, 6th Floor
Boston, MA 02110

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architecture



Autumn is a registered interior designer and has worked on a wide range of project types, with experience in the institutional, healthcare, higher-ed, K-12, and corporate/commercial sectors. Her design language focuses on the role of light in revealing texture and she enjoys creating simple spaces with beautiful details. Autumn also leads Saam's educational series, coordinating topics that advance the knowledge of our entire team.

Engagement Center, Boston, MA: Interior Designer. This project with the Boston PFD and BPHC addresses housing insecurity and opioid addiction issues while offering a welcoming, climate controlled space for anyone to spend time during the day. This new 6,000-square-foot building was designed to include several sustainable design practices, aligned with City standards and initiatives. (2021)

Massport Airfield Rescue and Fire Fighting (ARFF) Facility, Hanscom Airfield, Bedford, MA: Interior Designer. The new ARFF provides a high level of response for Massport fire fighters and supports the programmatic needs of the department in compliance with the FAA recommended program. The project is pursuing the highest level of sustainability design possible. (2019)

MSBA / Crocker Elementary School, Fitchburg, MA: Interior Designer for a new 116,000 gsf \$50-60 million elementary schools. The project has received Schematic Design approval from the MSBA and will advance the cost effective and biophilic design approach. (2024)

Division of Capital Asset Management and Maintenance, Boston, MA

—**John W. McCormack Building Comprehensive Facilities Plan and Infrastructure Upgrades:** Interior Designer for a comprehensive facilities plan for infrastructure upgrades and repairs, evaluating the building envelope, building systems, and common areas, as well as implementation of short term upgrades and full modernization project. The project also includes ADA upgrades and envelope and window repair. (2020)

—**John W. McCormack Building Renovations—Future of Work:** Interior Designer. Implementation of the Commonwealth's \$50 million initiative to convert to a hybrid model of part time work from home. Saam is managing the office space requirements of 15 state agencies, as well as supporting upgrades of electrical and IDF closets throughout the building. This complex three-phase restack will be completed over 30 months of construction. From test fits to construction administration, the project will restack this 800,000 sf state office tower. (2023)

908 Devices, Inc, Headquarters, Boston, MA: Interior Designer for a 37,500 sf interior fitout. The open workspace includes a range of laboratory and manufacturing rooms, including R&D open labs, a controlled access lab, reliability labs, a machine shop, and a product demo room. Responsibilities included design development, finish selection, construction document production, construction administration, and client coordination. (2019)

Department of Defense, Hanscom Air Force Base, Bedford, MA

—**Building 1102 Renovation:** Interior Designer for a comprehensive rehabilitation and renovation of a 75,000 sf building at Hanscom Air Force Base. Scope includes new offices, conference rooms, and other office support spaces. Much of the building is designated as secure space and involves sound isolation and physical security measures. The project is currently in the CA phase. (2021)

—**Building 1108 Renovation:** Interior Designer for the renovation of a three-story 1950s building, including full MEP upgrades and envelope repair. This design-build project consists of the design, permitting, renovation, construction, and commissioning of a comprehensive rehabilitation of Building B1108 to house the Defense Contracting Management Agency (DCMA). Renovation scope includes gut renovation of interior office space, full window replacement, and new entrance.

3. Resumes

Ground, Inc.

Landscape Architecture

Shauna Gillies-Smith, ASLA, MAUD, LEED AP

Project Role:
Landscape Architecture

MA Registration Type and #:
Landscape Architecture, #1556

Years w/ Firm: **13**
Total Years Experience: **30**

Additional registrations / certifications:
**Landscape Architect, NH, CT, MI, ME
CLARB #2206 / LEED AP**

Availability:
25%

Applicant Office Address:
**285 Washington Street
Somerville, MA, 02143**



Shauna Gillies-Smith is the founding principal of GROUND and personally oversees the design direction of all the firm's projects. Trained first as an architect and urban designer, her shift to landscape practice was motivated by the desire to reveal the potentials of surprise and pleasure in the urban realm. Shauna's landscapes play a protagonist role in the experience of the city – creating unexpected moments of joy and engagement that craft the stage for the drama of urban life. The work strives to balance careful detailing and execution with comfort and openness in use, fully believing that urban landscapes need the dynamic participation of the public to be successful.

- DMH Taunton. Chambers Building. Secure Women's Addiction Treatment Unit **(149A, Taunton DCAMM)**
- DMH Taunton. Chambers Building. Section 35 Men's Unit **(Taunton DCAMM)**
- MASAC at Plymouth. Section 35. Facility Conditions Assessment. Plymouth, MA **(DCAMM)**
- Massasoit Campus Accessibility Upgrades **(DCAMM)**
- Soldiers' Home Renovation. Holyoke, MA **(DCAMM)**
- MassArt: Center for Design and Media, Boston, MA, LEED project **(149A, DCAMM)**
- Salem State University, Salem, MA **(149A, DCAMM)**
- MassArt Galleries Extension, Boston, MA **(149A)**
- MassArt Tree House Residence Hall, Boston, MA **(149A)**
- UMass Lowell: University Crossing, Lowell, MA, LEED project **(149A)**
- UMass Lowell: Leitch & Bourgeois Residence Renovation, MA **(149A)**
- Worcester Polytechnic Institute, Grove Street Residence, Worcester, MA, LEED project
- Mt. Holyoke College Center, South Hadley, MA
- Crozier Williams Campus Center, Connecticut College, New London, CT
- Smith College: Cutter + Ziskind Residence, Northampton, MA, LEED project
- Tufts Collaborative Learning and Innovation Complex, Medford, MA
- Keene State College, Living and Learning Commons, Keene, NH
- Smith College: Cutter + Ziskind Residence, Northampton, MA, LEED project
- Tufts Cummings Center, Medford, MA

Education

Harvard University, School of Design, Master of Urban Design/1995
University of British Columbia, Vancouver, B.C., Bachelor of Architecture/1990
Queen's University, Bachelor of Arts in Economics/1985



3. Resumes

Green International Affiliates, Inc.

Civil Engineering

Danielle Spicer, PE, LEED AP, ENV SP

Project Role:

**Project Manager,
Civil Engineering**

MA Registration Type and #:
Civil Engineering, MA #46067

Years w/ Firm: **11**

Total Years Experience: **24**

Additional registrations / certifications:

Availability:
30%

Applicant Office Address:

**100 Ames Pond Drive, Suite 200
Tewksbury, MA 01876**



Danielle Spicer's career as a Civil/Site Engineer and Project Manager spans more than 20 years and encompasses a wide range of project types that include: industrial, residential, commercial, roadway/highway and subdivision projects. She is a Massachusetts licensed Professional Engineer and she leads our Stormwater & Permitting Group. Her background features extensive experience in drainage design, stormwater management and hydrology.

Danielle also has an in-depth understanding of local, state and federal permitting requirements that are critical to the success of any project. As Project Manager, Danielle has proven experience in effectively managing projects from the initial stages to completion while keeping projects on schedule and within budget. Danielle manages our civil/site services for Beth Israel Lahey Health. She was also Green's Project Manager for the Massport Hanscom Airport Rescue and Fire Fighting (ARFF) Facility/ United States Customs and Border Protection Facility in Bedford, MA, where she was responsible for the design of the sewer, water and drainage systems, including a sewage pump station, under Green's subcontract with Saam Architecture for the new LEED Silver facility. She also oversaw the civil engineering services to support Saam's design for the renovation of the seventh floor of the Barnes Building under a U.S. Army Corps of Engineers (USACE) Indefinite Delivery/Indefinite Quantity (ID/IQ) contract and is currently managing the civil/site design for the relocation of the Main Gate complex at the Barnes Air National Guard Base under a Massachusetts Air National Guard (MANG) House Doctor Contract.

She is also Green's Project Manager for the civil/site design for the City of Boston Public Facilities Department, Area A-7 Police Station in East Boston.

Green International Affiliates, Inc.

Civil Engineering

James Thorne, PE

Project Role:

**Project Engineer,
Civil Engineering**

MA Registration Type and #:
Civil Engineering, MA #54912

Years w/ Firm: **9**

Total Years Experience: **9**

Additional registrations / certifications:

Availability:
30%

Applicant Office Address:

**100 Ames Pond Drive, Suite 200
Tewksbury, MA 01876**



James Thorne is a Massachusetts licensed Professional Engineer and a Project Manager in the Water Resources/Site Group with nine years of experience on numerous projects for municipalities, state transportation agencies and private clients. His background features extensive experience in drainage design, stormwater management and hydrology.

For Saam Architecture, Jim is currently managing our civil/site services for the Massachusetts Army National Guard's renovations to Shaw Hall at Camp Edwards. He also supported the civil/site design for the Massport ARFF Facility/ United States Customs and Border Protection Facility, the USACE's Barnes Building renovation, and the Massachusetts Air National Guard's relocation of the Barnes Air National Guard Base Main Gate complex.

Jim was also a staff engineer for the Weston State Police Barracks for MassDOT. The improvements included demolishing the existing building and constructing a new 7,400 sf building with associated utilities, parking, and landscaping. The civil site design included layout and building location, grading, drainage design, water, and sanitary line design, and parking layout and design.

3. Resumes

RMF Engineering, Inc

Mechanical Engineering (M/P/FP)

Stephanie Lafontaine, PE, LEED AP

Project Role:
Lead Mechanical Engineer

MA Registration Type and #:
Mechanical, #48760

Years w/ Firm: **1**
Total Years Experience: **16**

Additional registrations / certifications:
LEED Accredited Professional

Availability:
30%

Applicant Office Address:
**31 Milk Street
Suite 515
Boston, MA 02109**



Ms. Lafontaine is a Mechanical Engineer with over 16 years of experience. Ms. Lafontaine's background includes the study, design, and construction support services of mechanical systems and related components.

She has expertise in the design of HVAC systems for renovation in existing facilities which always begin with a thorough study of the existing conditions.

City of Boston New Engagement Center

Lead Mechanical Engineer. RMF provided MEP Engineering services for the design of the new 7,000 sf facility. The facility has high goals for energy efficiency, achieved through a high quality envelope, daylights, radiant heating in the floor, VRF with a dedicated outdoor air unit, and PV on the roof. The center offers amenities such as water, coffee, bathrooms, and showers. RMF used energy modeling to validate all envelope constructions and HVAC options at the schematic design level to determine the best balance between first cost and long-term energy savings.

Edenbridge PACE4DC

Mechanical Engineer. RMF completed an Interior fit-out of approximately 14,900 sf of elderly care space in a newly constructed building at Alabama Avenue Southeast in Washington, D.C. The scope of work included office space, reception area, day rooms, medical exam rooms, a rehabilitation space, restrooms, laundry room, oxygen storage closet, and commercial warming kitchen spaces.

Westborough High School Gymnasia HVAC Design

Project Manager/Lead Mechanical Engineer. Westborough High School was constructed in 1968 and had a large addition in 2001. Neither of the gymnasia in the facility are air-conditioned. RMF was engaged to design a system that would provide cooling to both of the spaces so that they could be used year-round by the community.

Buckingham Browne & Nichols School Athletic Facility Mechanical System Upgrades

Project Manager/Lead Mechanical Engineer. The BB&N Athletic Facility was built in 1996. This project is to replace the original roof top units to provide both heating and cooling, add energy recovery ventilation units to serve the ice rink and gymnasia, add dehumidification to the ice rink, and also replace the HVAC in the locker and office areas.

North Attleborough School District HVAC Study

Project Manager/Lead Mechanical Engineer. The North Attleborough Public Schools engaged RMF to carry out an assessment of the existing HVAC systems in all nine of their buildings to understand their filtration and ventilation capabilities as well as an overview of their preparedness for mitigating the spread of airborne infectious diseases such as COVID-19. RMF also made the recommendations for modifications to the systems for improvements to align with ASHRAE guidelines for equipment life expectancy.



3. Resumes

RMF Engineering, Inc.

Electrical Engineering

Dennis Sepavich, PE

Project Role:
Lead Electrical Engineer

MA Registration Type and #:
Electrical, #45238

Years w/ Firm: **16**
Total Years Experience: **25**

Additional registrations / certifications:
Electrical Journeyman

Availability:
30%

Applicant Office Address:
**194 Seven Farms Drive, Suite G
Charleston, SC 29492**



Mr. Sepavich is an electrical engineer with over 24 years of experience in electrical engineering design and construction. He has extensive experience in the design of power distribution, UPS systems, lighting, fire alarm, and emergency power generation and data communication systems for renovation projects for healthcare, educational, industrial and governmental clients. Mr. Sepavich's experience as a licensed Electrician provides a unique 'hands-on' approach to his engineering designs.

City of Boston New Engagement Center

Electrical Engineer. RMF provided MEP Engineering services for the design of the new 7,000 sf facility. The facility has high goals for energy efficiency, achieved through a high quality envelope, daylights, radiant heating in the floor, VRF with a dedicated outdoor air unit, and PV on the roof. The center offers amenities such as water, coffee, bathrooms, and showers. RMF used energy modeling to validate all envelope constructions and HVAC options at the schematic design level to determine the best balance between first cost and long-term energy savings.

Edenbridge PACE4DC

Electrical Engineer. RMF completed an Interior fit-out of approximately 14,900 sf of elderly care space in a newly constructed building at Alabama Avenue Southeast in Washington, D.C. The scope of work included office space, reception area, day rooms, medical exam rooms, a rehabilitation space, restrooms, laundry room, oxygen storage closet, and commercial warming kitchen spaces.

Westborough High School Gymnasium HVAC Design

Lead Electrical Engineer. Westborough High School was constructed in 1968 and had a large addition in 2001. Neither of the gymnasiums in the facility are air-conditioned. RMF was engaged to design a system that would provide cooling to both of the spaces so that they could be used year-round by the community.

Buckingham Browne & Nichols School Athletic Facility Mechanical System Upgrades

Lead Electrical Engineer. The BB&N Athletic Facility was built in 1996. This project is to replace the original roof top units to provide both heating and cooling, add energy recovery ventilation units to serve the ice rink and gymnasium, add dehumidification to the ice rink, and also replace the HVAC in the locker and office areas.

North Attleborough School District HVAC Study

Lead Electrical Engineer. The North Attleborough Public Schools engaged RMF to carry out an assessment of the existing HVAC systems in all nine of their buildings to understand their filtration and ventilation capabilities as well as an overview of their preparedness for mitigating the spread of airborne infectious diseases such as COVID-19. RMF also made the recommendations for modifications to the systems for improvements to align with ASHRAE guidelines for equipment life expectancy.



3. Resumes

B+AC, LLC

Structural Engineering

Balram Chamaria, PE

Project Role:
Structural Engineer

MA Registration Type and #:
**Structural Engineer
#52338**

Years w/ Firm: **8**
Total Years Experience: **20**

Additional registrations / certifications:
Registered Civil Engineer: MA, OH

Availability:
40%

Applicant Office Address:
**214 Arlington St.
Chelsea, MA 02150**



Balram has worked on a very broad range of projects ranging from home renovations to new high-rises. Recent work has included a number of public, LEED, and mass timber projects. Fire stations and public safety, K-12 education, correctional facilities, health related building, community centers are a few of the recent sectors he has been involved with. House doctor projects have been frequent in recent years—this includes state buildings, the State University system, the UMass system and courts.

21 Newton – Leland House, Waltham, MA: 71,500 sf and 68 units of new passive-house senior residences on three floors

25 Atherton– Carr Schoolhouse Truss Roof Renovation, Somerville, MA:

Evaluation & improvements to original wood truss roof of 1898 schoolhouse converted to condos

645 Summer Street, Boston, MA: Multi-phase base reno including new staircase, HVAC structure, & 75k sf lab fitout – with Saam

Achievement First – Rhode Island High School, Providence, RI: Renovation of envelope & 75k sf of space to repurpose offices into a new charter school

Boston, MSBA – William E Carter School, Boston, MA (MSBA): New 25k – 35k sf education facility with accommodations for students with unique needs

Cambridge College – Charlestown Campus Expansion, Boston, MA: Reconfiguration and joining of multiple, structurally independent buildings totaling 100k+ sf

Children’s Hospital of Philadelphia, South Campus, Philadelphia, PA (*while with another firm): Hospital expansion and renovation including labs, accommodations, and medical support spaces

Dedham – Town Hall & Senior Ctr, Dedham, MA: Renovation of an historical structure for use as a municipal town hall and senior center needs

Fitchburg, MSBA – Crocker/Longsjö School, Fitchburg, MA (MSBA): Public project of structural review of four buildings followed by design/build – with Saam

MCI-Framingham – Corrections Center for Women, Statewide, MA: Study on the suitability of renovating 15 blgs & 300k sf of space at MCI Framingham.

Middleton House of Corrections – Inmate Services, Middleton, MA: Vocational building occupancy changes require analysis and changes from risk category II to III

Needham – Memorial Field House, Needham, MA: A new facility with offices & support for athletic/recreational needs for the surrounding community

Providence – Narducci (Windmill El) Learning Ctr, Providence, RI: Returning 124k sf of mothballed school to service. 3-story, 1932 structure, design-build

Solomon Carter Fuller Mental Health Hospital – Renovations, Boston, MA: Integrity of six 11-story elevator shafts assessed. Feasibility report for new generator included

Spaulding Rehab Hospital, Cambridge – Renovations, Cambridge, MA: Renos required input for new concrete coring and a safety fence around a second-floor porch

Stoneham, MSBA – High School, Stoneham, MA (MSBA): Re-evaluation of school campus site using existing gym and auditorium as possible anchors

UMass Amherst, Mount Ida – ATC Building: Newton, MA: Renovation and repurpose for 19k+ sf 3-story structure for academic needs

Upton – Community Center, Upton, MA: New mass timber construction serving both the need for a library & senior center under one roof

3. Resumes

Kalin Associates, Inc.

Specifications Consulting

Mark Kalin, FAIA, FCSI, LEED AP

Project Role:
Specification Consultant

MA Registration Type and #:
Architecture, #4657

Years w/ Firm: **35**
Total Years Experience: **40**

Additional registrations / certifications:
LEED AP

Availability:
20%

Applicant Office Address:
**1121 Washington Street
Newton, MA 02465**



Since 1984, Kalin Associates has prepared specifications for over 4,000 projects worldwide, over 600 Massachusetts MGL Chapter 149 and MGL Chapter 149A public bid projects, 300 projects seeking sustainable design certifications (LEED, Living Building Challenge, Well, Passive House), master specifications for over 500 building product manufacturers, and design standards for many public agencies, universities, and trade associations.

Public Bid Project Experience: Overseen and managed hundreds of MGL Chapter 149 Filed Sub-Bid and MGL Chapter 149A CM-At-Risk Trade Bid projects; including developing DCAMMs master specifications.

Brief Resume

- President, Kalin Associates Inc., Specifications Consultants, 1984 to present
- Registered Architect, MA 4657
- Fellow, American Institute of Architects (AIA) 1999
- Fellow, Construction Specifications Institute (CSI) 2000
- LEED AP, US Green Building Council, 2003
- Instructor, Harvard University Graduate School of Design, 2008 to 2010
- Director of Information Services, Sasaki Associates, 1986 to 1988
- Head of Specifications, Jung/Brannen Associates, Inc., 1983 to 1986
- Head of Specifications, Brown Daltas and Associates, 1977 to 1983 Professional Activities:
- President, Specifications Consultants in Independent Practice, 2008 to 2010
- President, CSI Boston, 1982 and 2002 and numerous committees
- Chair, CSI MasterFormat Maintenance Task Team (MFMTT), 2015 to 2017
- Chair, CSI Technical Committee, 2008 to 2010
- Chair, CSI Sustainable Facilities Practice Group (Founder), 2007 to 2015
- Chair, AIA Masterspec Review Committee, 1993 to 1995
- Chair, AIA Specifications Professional Interest Area, 1999 to 2002 Publications and Presentations:
- Educator, numerous spec presentations and webinars
- Author, Greenspec, 1996
- Author, Master Short-Form Specifications, Kalin Associates, 1984-2017
- Author, Construction Specifications (Wiley)

KALIN ASSOCIATES
ARCHITECTURAL SPECIFICATIONS

3. Resumes

Dharam Consulting

Cost Estimating

Owain Jones

Project Role:
Senior Cost Estimator

MA Registration Type and #:
MBE #001366823

Years w/ Firm: **9**
Total Years Experience: **19**

Additional registrations / certifications:

Availability:
Available upon request

Applicant Office Address:
**One Beacon Street, 15th Floor
Boston MA 02108**



- Long Island Recovery Center Masterplan
- Boston Atheneum Historic Renovation
- UMass Lowell Olsen Hall Renovation
- Harvard University, Gund Hall Renovation
- Wellesley College Science
- Cornell University Olin Hall Renovation
- Salem State University Masterplan
- Chelsea Pump Station Historic Renovation
- Mass College of Liberal Arts
- Harvard University School of Economics
- MIT at the Met Renovation/Extension
- Syracuse Athletics
- UMass Lowell Olsen Hall Renovation
- Harvard University, Gund Hall Renovation
- Wellesley College Science
- Cornell University - Olin Hall Phase 1 & Phase 2 BME Masterplan
- Harvard ARTS
- Salem State University Masterplan
- Harvard Chan School of Public Health infrastructure Upgrade & Renewal
- Albany State University Master Plan
- Cornell Tech Bloomberg Building
- Northeastern University Renovation of the Mugar Life Sciences Building (Fourth Floor)

Dharam Consulting

Cost Estimating

Gavin English

Project Role:
**Senior Cost Estimator /
Project Manager**

MA Registration Type and #:
MBE #001366823

Years w/ Firm: **3**
Total Years Experience: **40**

Additional registrations / certifications:
**Associate of the Royal Institution of
Chartered Surveyors**

Availability:
Available upon request

Applicant Office Address:
**One Beacon Street, 15th Floor
Boston MA 02108**



- Long Island Recovery Center Masterplan
- Boston Atheneum Renovation
- The Harvard Club Renovation
- Quinsigamond Comm. College Herbert Auditorium
- MIT at the Met Renovation/Extension
- CIS building at Cornell University
- Boston University New Theater Building
- Salem State University, various renovation projects
- MIT Bldg. 54 Extension and Lecture Hall Renovation
- UMass Amherst Isenberg School of Management
- Boston University Pardee School Academic Bldg.
- Colby College Athletics and Recreation Center
- MIT East Campus Renewal
- Harvard Business School Tata Hall
- UMass Amherst CICS Building
- UConn Northwest Quad
- MIT West Campus Masterplan
- Brown University Natatorium
- Princeton University East Campus Masterplan
- Harvard University Kennedy School
- Northeastern University Speare Hall Facade Stabilization and Restoration University of Michigan Ross Athletic Masterplan
- Boston University Pardee School Academic Building
- University of Pennsylvania New Energy Science and Technology Center

3. Resumes

Jensen Hughes

MA Building Code Consultant

Ted Dow, PE

Project Role:
**Project Manager,
MA Building Code Consultant**

Years w/ Firm: **4**
Total Years of Experience: **18**

MA Registration:
Fire Protection, MA #47848

Availability:
30%

Applicant Office Address:
**One Research Drive, Suite 305C
Westborough, MA 01581**



Mr. Ted Dow will serve as Project Manager. He is a Senior Fire Protection Engineer dedicated to the analysis of building code requirements and their intent relative to the fire-safe design of all structure types. He specializes in fire and life safety master planning, accessibility code analysis and plan review, and complex code issue analysis and equivalency development. He oversees all significant code-related evaluations of fire protection and life safety facilities, including fire safety design reviews, building surveys, fire system designs, and assessments of fire hazards. Facility types include large mixed-use developments; research and instructional laboratories; educational facilities; and residential and institutional multi-tenanted housing.

Selected Project Experience:

- DCAMM John W. McCormack Building – Track 1, Boston, MA
- DCAMM John W. McCormack Building – Track 2 & 3, Boston, MA
- DCAMM John W. McCormack Building, Multi-Tenant Fit Out and Electrical Closet, Upgrades, Boston, MA
- Gordie Howe International Bridge (GHIB) United States Land Port of Entry (LPOE), Detroit, MI

Jensen Hughes

MA Building Code Consultant

Todd Pearson

Project Role:
MA Building Code Consultant

MA Registration Type and #:

Years w/ Firm: **9**
Total Years Experience: **9**

Additional registrations / certifications:

Availability:
50%

Applicant Office Address:
**One Research Drive, Suite 305C
Westborough, MA 01581**



Mr. Todd Pearson will serve as the MA Building Code Consultant for the project. He has provided fire protection, life safety, and accessibility consultation services for diverse occupancies including assembly, educational, business, health care, hospitality, institutional, residential, and industrial. He is proficient with existing building surveys and analyses in addition to reviewing plans for new construction for conformance with local and national codes and standards. He provides analysis of building, fire, life safety and accessibility code requirements to develop an overall code approach specific to a project. Mr. Pearson has a M.S. in Fire Protection Engineering from Worcester Polytechnic Institute.

Selected Project Experience:

- Department of Youth Services, Goss Building, Taunton, MA
- DCAMM Correctional Center for Women, Various, MA
- Essex County House of Corrections, Façade Replacement, Middleton, MA
- Essex County House of Corrections, Code Compliance, Middleton, MA
- Grafton Job Corps, Grafton, MA
- Concord District Court, Concord, MA
- Wareham District Court, Wareham, MA

3. Resumes

Building Conservation Associates, Inc.

Historic Preservation Consultant

Lisa Howe

Project Role:
**Project Manager,
Historic Preservation Consultant**

Years w/ Firm: **7**
Total Years of Experience: **36**

MA Registration:

Availability:
Available upon request

Applicant Office Address:
**10 Langley Road, Suite 202
Newton, MA 02459**



Lisa Howe brings over 30 years of experience in the construction and restoration industry, from her beginnings as a mason to her tenure as a Principal at Goody Clancy, an architecture firm in Boston. Before joining BCA, Lisa was Director of Preservation at Consigli, a 600-person construction company specializing in restoration. Lisa has extensive experience documenting the condition of historic building materials, developing treatments for their repair and conservation, preparing construction documents for the implementation of these treatments, providing project monitoring during the repair and conservation work, and writing Historic Structures Reports.

Lisa's recent projects include:

- Walker Building at Emerson College, Boston, MA
- United Parish in Brookline, Brookline, MA
- Somerville High School, Somerville, MA

BS Roger Williams University/1995/Historic Preservation
MA University of Maryland/2013/ Real Estate Development

Building Conservation Associates, Inc.

Historic Preservation Consultant

Lisa Harrington

Project Role:
**Senior Historic Preservation
Consultant**

MA Registration Type and #:

Years w/ Firm: **20**
Total Years Experience: **26**

Additional registrations / certifications:

Availability:
Available upon request

Applicant Office Address:
**10 Langley Road, Suite 202
Newton, MA 02459**



Lisa Harrington joined BCA in 2000 with a background in architecture, early New England building practices and community preservation. Prior to joining BCA, she was employed by the Boston Landmarks Commission, assisting in preservation planning for the South End Landmark District. She also spent several years working as an architect, specializing in residential structures. At BCA, Lisa conducts building conditions assessments, with an emphasis on historic masonry, roofing and windows, prepares drawings and specifications for building restorations projects and provides project monitoring.

Lisa's recent projects include:

- Fenway Park in Boston, MA
- Edward T. Gignoux Courthouse in Portland, ME
- Portland Custom House in Portland, ME
- Center of Fine Arts and Dahod Family Alumni Center at Boston University.

BA Syracuse University/1989/Environmental Design
Boston Architectural Center/1993/Architecture
MA Boston University/2001/Preservation Studies

3. Resumes

Environmental Health & Engineering, Inc.

Hazardous Materials Consultant

Cynthia Campisano, MS, PG

Project Role:

**Project Executive/Primary Contact,
Hazardous Materials Consulting**

MA Registration Type and #:

Years w/ Firm: **27**

Total Years Experience: **32**

Additional registrations / certifications:

**Professional Geologist: NH
EPA accredited Asbestos Project
Designer**

Availability:

50%

Applicant Office Address:

**180 Wells Avenue, Suite 200
Newton, MA 02459**



Ms. Campisano provides senior technical support and project management for a wide variety of environmental and health and safety projects. Her work focuses on environmental and health and safety compliance and management, hazardous building materials assessments and remediation design/oversight, hydrogeologic and soil vapor intrusion investigations, indoor environmental quality assessments, public health risk characterizations, environmental permitting, risk communication, and hazardous waste site health and safety.

- Proactive environmental management and regulatory compliance, including materials evaluation, and remediation and onsite health and safety oversight at construction and renovation sites.
- Site and building due diligence assessments, including hydrogeologic assessments, evaluation of building systems and materials, evaluation of regulatory implications, and assessment of potential impacts to end-users post-development.
- Environmental compliance, and health and safety management programs for a variety of private sector and institutional clients.
- Extensive experience in the development of assessment and remediation programs for the management of polychlorinated biphenyls and asbestos in building materials and soil in accordance with state and federal regulations. Work includes polychlorinated biphenyl (PCB) and hazardous material (HAZMAT) remediation programs at multiple sites for clients ranging from healthcare organizations, commercial real-estate clients, higher education institutions, and public schools and includes major demolition and redevelopment projects.
- Hazardous materials management and permitting, including hazardous materials management plans and wastewater, stormwater, air, and hazardous waste permitting.
- Public health risk characterization and exposure assessment, including quantitative assessment for regulatory compliance.
- Management of non-hazardous demolition debris through the development of an assessment program and successful application for Beneficial Use Determination through the Massachusetts Department of Environmental Protection.

Environmental Health & Engineering, Inc.

Hazardous Materials Consultant

Adam Bisol

Project Role: **Certified Asbestos Inspector/
Management Planner, Project Monitor**

MA Registration Type and #:

Asbestos Inspector, #AI061329

Asbestos Abatement Project Designer #PD60885

Asbestos Hazard Evaluation Specialist, #ES36273

Asbestos Management Planner, #AP 000034

Asbestos Project Monitor, #AM 032890

Years w/ Firm: **19**

Total Years Experience: **35**

Additional registrations / certifications:

**Massachusetts Childhood Lead Poisoning
Prevention Program Licensed Provisional
Inspector/Risk Assessor**

Availability: **50%**

Applicant Office Address:

**180 Wells Avenue, Suite 200
Newton, MA 02459**

Mr. Bisol has served as a project manager, inspector, designer, and field technician for a variety of environmental projects, conducting inspection, design, sampling, and monitoring for compliance issues. He has a solid working knowledge of field survey techniques and equipment, and extensive experience in calibration, maintenance, and operation of scientific instrumentation. Mr. Bisol designs and manages remediation projects for hazardous building materials and wastes. He has worked on a variety of projects with clients in private and public spheres, including federal, state, and local governments, as well as non-governmental organizations.

Experience includes:

- Asbestos projects—inspection, design, and monitoring for demolition and renovation projects of occupied and vacant commercial, public, and government properties. Licensed in multiple disciplines in multiple states
- PCB projects—inspection, design, and monitoring for demolition and renovation projects of occupied and vacant commercial, public, and government properties
- Mold projects—inspection, assessment, remediation design, and oversight
- Phase I and II environmental site assessments for due diligence
- Hydrogeological assessments
- Environmental remediation design, monitoring, and oversight
- Confined Space operations—Entrant, Observer, and Supervisor roles
- Compliance monitoring for the Massachusetts Contingency Plan
- Hazardous materials assessments
- Management of field teams and subcontractors
- Personnel monitoring for OSHA compliance
- Emergency response
- Instruction/training for asbestos and hazardous material shipping

3. Resumes

GMI Architects

Behavioral Health Specialist

Gary Graham, FAIA

Project Role:

Lead Behavioral Health Specialist

MA Registration Type and #:

Architecture, MA #3946

Years w/ Firm: **42**

Total Years Experience: **50**

Additional registrations / certifications:

**Registered Architect: RI, NH, CT, VA
NCARB**

Availability:

20%

Applicant Office Address:

**412A Thames Street
Bristol, RI 02809**



Gary Graham, FAIA is the founding principal of GMI Architects and a Professor of Architecture Emeritus at Roger Williams University School of Architecture, Art, and Historic Preservation. He is a practitioner who uses design to educate the public and serve the underserved; He is an educator who communicates our profession's values; and he is a facilitator who achieves community consensus through participatory problem solving.

As a practitioner, Mr. Graham's design solutions evolve from the functional, cultural, and physical context unique to each situation. His approach engages an informed, enlightened, and involved community of users in the design process. His projects have been recognized with state, regional, and national Design Awards and publication in the national architectural press. In addition, he is a national leader in the movement to redefine the therapeutic environment for behavioral healthcare. His energy and skill has resulted in the design of our nation's most

forward-looking specialized medical facilities.

As an educator, he introduced his students to the "real world" of the practice environment. His coursework involved an optimistic dialogue about the aspects of professional life that are essential to achieve "Architecture", from social and ethical responsibilities to project, business, and financial management. As a design critic, he combines creative idealism, with a pragmatic commitment to program, function, and integrated systems.

As a facilitator, he has a unique ability to forge consensus out of chaos, fellowship out of conflict. His process leadership has been the catalyst that resolved community opposition; developed design guidelines; resolved interdisciplinary territorial conflicts; and established conditions for transformational change within the profession of architecture and numerous public and private organizations.

GMI Architects

Behavioral Health Specialist

Damara Sisti Toohey, AIA

Project Role:

Behavioral Health Specialist

Years w/ Firm: **8**

Total Years of Experience: **12**

MA Registration:

Other:

**Registered Architect: RI, MD, NY
NCARB**

Availability:

20%

Applicant Office Address:

**412A Thames Street
Bristol, RI 02809**



Damara Sisti Toohey, AIA joined GMI Architects in 2014 as a Design Associate and Project Manager and is currently a Senior Associate within the firm. While with GMI, Damara has been designing and managing complex healthcare and commercial projects, working with clients on finishes and fixtures, overseeing GMI's architectural designers and interns and managing day-to-day tasks with clients and builders. Damara is also the lead on GMI's specialized Ligature Risk Assessment projects for various clients and has become a specialist in Behavioral Healthcare design.

As a project leader for Walden Behavioral Care's new psychiatric hospital and their various clinics, Damara is responsible for ensuring that the client's vision is translated from project definition throughout Construction while envisioning what the future of behavioral healthcare design might become. She also directly oversees and coordinates Behavioral Health Patient Risk Assessments for both public and private clients to ensure compliance with regulatory commissions and guidelines, while helping to provide a safe and secure environment for psychiatric patients and staff.

As the Project Coordinator for the newly completed TaraVista Behavioral Health Center, Damara was responsible for coordinating the architectural team and communication between the construction management team and the architectural team during construction. Damara also led the interior design team while maintaining efficient communication with the client.

4. Prime Experience

Saam Architecture

Architecture

City of Boston Engagement Center

Diana Nicklaus, Principal-in-Charge
Koos Louw, Lead Designer
Chin Chin Yao, Project Manager and Project Architect
Kristin Tedford, Architect
Autumn Thompson, Interior Designer

Date Completed:
2021

Location:
Boston, MA

Construction Cost:
\$7,400,000

Client Contact Info:
Rohn MacNulty
Senior Project Manager
City of Boston
Public Facilities Department
(617) 785-9850
jay.macnulty@boston.gov

saam
architecture

As part of Boston's efforts to address housing insecurity and opioid addictions issues across the city, the Engagement Center (EC), operated by the Boston Public Health Commission (BPHC), opened as a pilot program in August 2017. The EC offers a welcoming, climate controlled space open to everyone. It is a low-threshold year-round facility that offers visitors comfort amenities such as water, coffee, bathrooms, and showers, as well as access to a nurse's clinic, workstations, and connection to information on support services.

The existing EC was located at the intersection of Atkinson Street and Southampton Street of South Boston in a 3,200-square-foot temporary tent structure. The tent structure was re-purposed due to its availability as a large open space but was not designed for the specific and evolving needs of the EC. Saam was engaged by the Boston Public Facilities Department (PFD) in January 2019 to complete a programming study for a permanent facility. Based on collaborative meetings with an advisory team of representatives from Human and Health Services (HHS), BPHC, Office of Recovery Services (ORS), MONUM, Inspectional Services (ISD), and the PFD, the design team developed a space program and recommended approach for siting, design requirements for architecture, structure, building systems, and a construction cost estimate.

Following the approval of the programming study, the design team completed design and construction documents for a new 7,000-square-foot, one-story permanent Engagement Center that opened in Fall 2021. The design includes a central double-height flexible space as the primary gathering area with an exposed wood structure and a butterfly roof. There are translucent clerestory windows on all four sides under the roof to bring in diffused daylight during the day and glow as a welcoming beacon from the exterior at night. To complement the light industrial buildings in the surrounding neighborhood, durable and easily maintainable materials of concrete masonry units and metal panels were chosen for the exterior facade. The design also includes a queuing area in the front of the building and an enclosed courtyard as exterior program space.



PROJECT RELEVANCE

- MGL Public Bid
- Multiple Agency Stakeholders
- Sustainable Technologies / All Electric Building
- New construction
- Trauma-informed design
- Clinical & Support services

4. Prime Experience

Saam Architecture

Architecture

Westborough State Hospital Allen Hall Upgrades

Diana Nicklaus, Principal-in-Charge
Kristin Tedford, Project Manager & Project Architect

Date Completed:
2021

Location:
Westborough, MA

Construction Cost:
\$2,700,000

Client Contact Info:
Paul Truax
Massachusetts Department of Mental Health, Office of Engineering & Facilities Management
paul.e.truax@state.ma.us
(508) 616-2246

Derek Kane, Project Manager
DCAMM
Office of Design and Construction
One Ashburton Place, 15th Floor,
Boston, MA 02108
derek.kane@state.ma.us
(857) 319-2450

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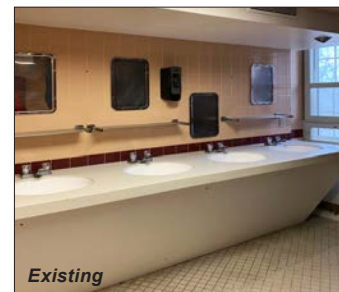
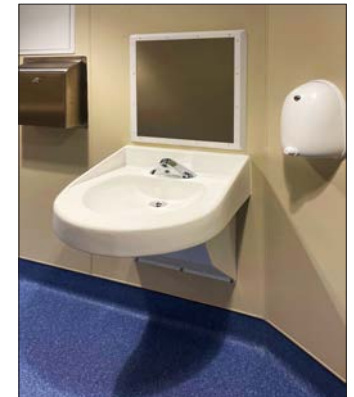
Saam recently designed a series of bathroom upgrades for Allen Hall at Westborough State Hospital, which is owned and operated by the Department of Youth Services (DYS). In June of 2021, DHS vacated the building so the Department of Mental Health (DMH) could move in. The project followed an aggressive schedule to meet the DMH's move-in dates for this hardware secure facility.

The four-story facility required building upgrades so the DMH could proceed with a new youth program to house 30 adolescents of mixed gender on two floors, with 15 occupants per floor in individual rooms.

The project created 16 individual single-use bathroom stalls with showers from two existing bathroom/shower spaces on each floor to ensure only one individual can be in a stall at a time to prevent co-ed mixing. In addition, 8 single-use bathroom/shower spaces were created, with one in each corridor. The upgraded bathrooms received ADA compliant stalls and open plan shower rooms and toilet/sink rooms. The design also included ligature resistant standards for the health and safety of the building occupants, as well as DMH's "line of sight" safety requirement so staff can monitor bathroom entrances from the corridor.

PROJECT RELEVANCE

- **DYS/DMH as client**
- **DCAMM Project Management**
- **Multiple agency stakeholders**
- **Anti-ligature and anti-barricade design**
- **Trauma-informed design**
- **MGL Procurement**
- **Behavioral Health Standards compliance**



Existing



Existing

4. Prime Experience

Saam Architecture

Architecture

Lemuel Shattuck Hospital Replacement Building Renovation

Koos Louw, Collaborating Principal
Kristin Tedford,
Architectural Designer/Planner

Date Completed:
2024 (est.)

Location:
Boston, MA

Construction Cost:
\$404,000,000 (est.)

Client Contact Info:
Richard Polvino, Principal
SLAM
250 Summer Street. 4th Floor
Boston, MA 02210-1135
(617) 717-6738
rpolvino@slamcoll.com

Ellen Whitmore, Senior Project Manager,
DCAMM Office of Planning
One Ashburton Place, 15th Floor,
Boston, MA 02108
ellen.whittemore@state.ma.us
(857) 204-1251

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Saam team members are currently completing Construction Documents in collaboration with the SLAM Collaborative on a 434,000-square-foot replacement building at Shattuck Hospital. Shattuck accommodates services for three agencies in the Commonwealth: the Department of Public Health (DPH), the Department of Mental Health (DMH), and the Department of Corrections (DOC). This project will provide 260 beds for acute and sub-acute adult inpatient care.

Administered by DCAMM, the project is a comprehensive modernization of the existing Newton Pavilion building in Boston's South End to serve as a replacement for the existing facility in the Jamaica Plain neighborhood of Boston. The facility consists of two interconnected buildings which require a combination of building systems modernization and replacement. Saam joined the Diagnostics and Treatment team under SLAM's contract and is responsible for the design and coordination of the OR Suite, pharmacy, lab, rehabilitation suite, imaging suite, outpatient suite, sterile processing department, Department of Corrections holding area, and morgue.

Saam coordinated the ligature-resistant accessories, infrastructure, and equipment to support the DMH and DOC spaces such as doors, borrowed lites, hardware, and medical equipment. In addition, Saam collaborated with SLAM on development of details for all exterior conditions. The majority of the envelope will be new construction in order to bring the building into compliance with energy codes.

PROJECT RELEVANCE

- **DMH as client**
- **DCAMM Project Management**
- **Ch. 149A procurement**
- **Strict safety and security**
- **Clinical space**
- **Anti-ligature and anti-barricade design**
- **Trauma-informed design interior design**



4. Prime Experience

Saam Architecture

Architecture

Hanscom Airfield Rescue and Fire Fighting (ARFF) / U.S. Customs and Border Patrol (CBP) Facility

Koos Louw, Project Executive
Diana Nicklaus, Principal-in-Charge
Autumn Thompson, Interior Designer

Date Completed:
2019

Location:
Hanscom AFB, Bedford, MA

Construction Cost:
\$10,000,000

Client Contact Info:
Kathleen Ledoux AIA, CCM, LEED AP
Project Manager
Massport Capital Programs
One Harborside Drive
East Boston MA 02128
kledoux@massport.com
(617) 568-3612

Saam Architecture led the design of the new Hanscom Airport Rescue and Fire Fighting (ARFF) Facility / United States Customs and Border Protection Facility at Hanscom Field.

The building includes independent facilities for both the Massport fire department under FAA regulations and funding, as well as customs and border protection.

These two occupants will independently occupy roughly 11,500 gross square feet with shared infrastructure.

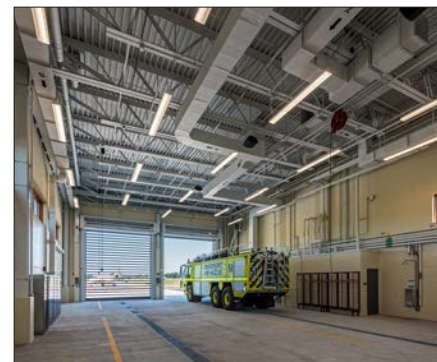
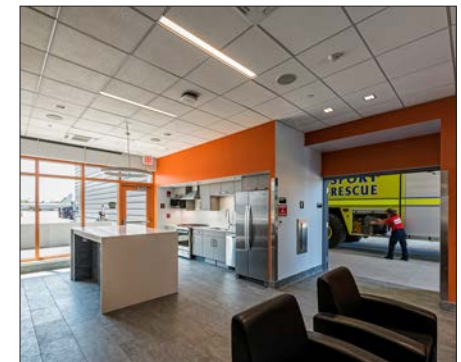
The ARFF provides a high level of response for Massport fire fighters and supports the programmatic needs of the department in compliance with the FAA recommended program.

The CBP facility aligns with current CBP design standards and incorporates additional safety and processing capabilities. The project is targeted to obtain a LEED Gold rating.

2020 CMAA New England Project Achievement Award

PROJECT RELEVANCE

- MGL Procurement
- New Construction
- Multiple agency clients
- Anti-ligature design
- Strict security standards
- Interior design



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4. Prime Experience

Saam Architecture

Architecture

Community Health Center of Cape Cod

Koos Louw, Project Executive
Diana Nicklaus, Principal-in-Charge
and Project Manager
At Burt Hill/Stantec

Date Completed:
2013

Location:
Mashpee, MA

Construction Cost:
\$9,000,000

Client Contact Info:
Karen Gardner, CEO
Community Health Center of Cape Cod
107 Commercial Street
Mashpee MA 02649
kareng@chcofcapecod.org
(508) 539-6000 ext. 1109

Members of the Saam team worked on an addition for the Community Health Center of Cape Cod in Mashpee. The facility's rapid growth necessitated a need for a larger, updated building and was one of eight community health centers in Massachusetts to receive funding for a capital improvement project from the Patient Protection and Affordable Care Act.

The grant allowed for 22,000 square feet to be added to the existing building as part of a three-year plan. The addition supports CHCC's mission to improve community health via program expansion and infrastructure investment, as well as underscore the commitment to collaboration, healthcare access, cultural diversity, information technology, and leadership.

The addition expanded core primary care, dental and behavioral health services, and added a pharmacy, optometry services, radiology and mammography, and walk-in and urgent care services. Additional space was included for specialty services and human service providers like food pantries, and veterans' and immigrant organizations.

The project met all requirements of the Cape Cod Commission, who provides regulatory design review for environmental, architectural, and cultural aspects of design on the Cape.

PROJECT RELEVANCE

- Clinical space
- New construction to match existing campus
- Behavioral health
- Multiple stakeholders
- Sustainable design (LEED certifiable)



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4b. Subconsultant Experience

Ground, Inc.

Landscape Architecture

Women's Recovery from Addiction Program, Taunton State Hospital

Location: **Taunton, MA**

Date Completed: **2017**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Yao Xiao**

Construction Cost: **\$450,000**

Client Contact Info:
Gail Sullivan
(617) 524-5558

Project Description:

The overriding goal of the design is to provide a place of healing and peace in a safe and inspiring way. The two courtyards are designed to respond to different stages of addiction recovery.

One courtyard is planned as a healing garden for the intensive detoxification stage. The other courtyard is designed for more active recreation and programmed use, corresponding with a later stage of recovery.

Project Relevance:

- *Trauma Informed Spaces:* Healing garden for the intensive detoxification stage and another courtyard designed for more active recreation.
- *Security and Safety:* Integrate security in a gracious and visually unimposing way with landscape.
- *Budget and Viability:* Durable and low maintenance landscape, with typical materials used in less typical ways.
- This is a historically significant campus and Chapter 149a project



Section 35 Men's Program, Taunton State Hospital

Location: **Taunton, MA**

Date Completed: **20122**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Braxton Tanner, Curtis Puncher**

Construction Cost: **n/a**

Client Contact Info:
Gail Sullivan
(617) 524-5558

Project Description:

The recently completed Section 35 Men's Program consists of the design of two secure and accessible courtyards with both active spaces and outdoor small group gathering spaces as well as a programmable roof terrace. The large courtyards have been broken down into smaller spaces with soft paving material and hardy planting to help create a calming environment. Ground also designed the accessibility renovation of the Glass entry area with emergency vehicular access and parking.

Project Relevance:

- *Trauma Informed Spaces:* Accessible courtyards for recreation and outdoor small group gathering. A programmable roof terrace.
- *Security and Safety:* Integrate security in a gracious and visually unimposing way with landscape.
- *Budget and Viability:* Durable and low maintenance landscape, with typical materials used in less typical ways.
- This is a historically significant campus.



MassArt Tree House Residence Hall

Location: **Boston, MA**

Date Completed: **2012**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Hiro Tsuchiya**

Construction Cost: **\$1,700,000**

Client Contact Info:
Tamara Roy
(617) 234-3196

Project Description:

Full-service landscape architecture services for the entry plaza for a new signature residence hall along Huntington Avenue. Scope includes renovation to the roadway, grading, paving, custom seating and lighting, planting, irrigation stairs, accessible walkways, ramps and rails. The curved seatwalls provide a multitude of gathering options: places for couples, small group, and class size meeting.

Project Relevance:

- *Sustainability and Resilience:* LED energy efficient lighting. Native, draught tolerant planting.
- *Budget and Viability:* Brick pavers around the seatwalls function as skate deterrent, improving durability of the landscape
- This is a historically significant campus and Chapter 149a project.



4b. Subconsultant Experience

Ground, Inc.

Landscape Architecture

Salem State University: Mainstage Theater Renovation

Location: **Salem, MA**

Date Completed: **2015**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Adam Anderson**

Construction Cost: **\$525,000**

Client Contact Info:

**Andrea Leers
(617) 423-5711**

Project Description:

A renovation of the landscape surrounding Salem State's Mainstage Theatre Hall. Improvements include theater access, hard and soft outdoor space, and an outdoor theatre area. Universal design has been a major driver of the landscape solutions.

Project Relevance:

- *Accessibility and Safety:* Universal accessibility across the grades.
- *Budget and Viability:* Durable and low maintenance landscape, with typical materials used in less typical ways.
- *Sustainability and Resilience:* Porous paving in the plaza, predominantly native planting, ample covered bicycle parking, and a terraced rain garden.
- This is a historically significant campus.



Tufts Collaborative & Innovation Complex (CLIC)

Location: **Medford, MA**

Date Completed: **2015**

Key Members: **Shauna Gillies Smith (PIC), Olivera Berce, Hiro Tsuchiya**

Construction Cost: **n/a**

Client Contact Info:

**David Lunny
(617) 234-3267**

Project Description:

The transformation of an existing parking lot into the central social area for the Tuft's University East Campus and Innovation Center. The landscape was designed to introduce a variety of seating and meeting spaces. The goal was to forefront sustainability and as such includes rain gardens, pervious pavers, native plantings, and bike parking

Project Relevance:

- *Accessibility and Safety:* Universal accessibility across the grades.
- *Budget and Viability:* Durable and low maintenance landscape, with typical materials used in less typical ways.
- *Sustainability and Resilience:* Porous paving in the plaza, predominantly native planting, ample covered bicycle parking, and a terraced rain garden.
- This is a historically significant campus.



4b. Subconsultant Experience

Green International Affiliates, Inc.

Civil Engineering

MA Dept of Youth Services (DYS) – Connelly Youth Center – Phase 1 Greenhouse Project

Location: **Roslindale, MA**

Date Completed: **2019**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Martin Vickey
(508) 884-5094

Project Description:

Under a DYS House Doctor Contract, Green provided survey and civil engineering services to support construction of a greenhouse structure and modifications to an existing parking area to accommodate new accessible parking at the Connelly Youth Center.

Project Relevance:

- Civil Engineering for improvements to a DYS facility.



MA Dept of Youth Services – Connelly Youth Center – Phase 2 Renovations

Location: **Roslindale, MA**

Date Completed: **2021**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Imelda R. Barnhurst, RA
(978) 750-9062

Project Description:

Green was contracted by the architect to provide survey and civil engineering services relative to construction of new site elements associated with Phase 2 Renovations at the Connelly Youth Center. Proposed improvements relate to the rear yard of the facility, including a new basketball court, gazebo, walking track, tag football field, etc.

Project Relevance:

- Civil Engineering for improvements to a DYS facility.



MA Dept of Youth Services - Existing Facilities Assessments (Multiple Assignments)

Location: **Multiple locations, MA**

Date Completed: **2021**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Ned A. Collier
(617) 451-3333

Project Description:

Green provided civil engineering services for two assignments. The first was for Phase 1 of a Facilities Master Plan for ten DYS facilities and Green evaluated the exterior site conditions of each and identified critical issues including parking, pavement, utilities, groundcover, drainage, stormwater management, walkways, wetlands, and general site elements. The second assignment was for the Shattuck Hospital Campus Planning Study.

Project Relevance:

- Civil Engineering to support planning activities for DYS facilities.



4b. Subconsultant Experience

Green International Affiliates, Inc.

Civil Engineering

Beverly, BayRidge, & Addison Gilbert Hospitals - On-Call Hospital Campus Improvements

Location: **Danvers / Beverly / Lynn / Gloucester, MA**

Date Completed: **2018**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Edmund Lydon
(978) 922-3000 ext. 2953

Project Description:

Green provided on-call civil/site, structural, and landscape design as well as survey and transportation planning services for a wide range of hospital campus improvement and expansion projects at the Beverly, Bay Ridge, and Addison Gilbert Hospitals.

Project Relevance:

- Civil Engineering services to support improvements at multiple health care facilities.



Franklin Housing Authority Physical Needs Assessment Central Park Elderly Housing Development

Location: **Franklin, MA**

Date Completed: **2017**

Project Team: **Adel Shahin, PE**

Construction Cost: **n/a**

Client Contact:

Steven M. Tucker
(774) 215-0290

Project Description:

Green evaluated publicly accessible spaces within the facility in accordance with the Americans with Disabilities Act (ADA). Green then documented site deficiencies observed. The accessibility review included an evaluation of the paths of travel throughout the exterior of the site, as well as the accessible design of parking spaces and ramps.

Project Relevance:

- Civil Engineering services for a public housing development.



4b. Subconsultant Experience

RMF Engineering, Inc.

Mechanical Engineering (M/P/FP)

City of Boston Engagement Center

Location: **Boston, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$7,700,000**

Client Contact Info:

Rohn MacNulty
(617) 635-0737

Project Description:

RMF provided MEP Engineering services for the design of a new 7,000 sf facility to serve the needs of Boston's vulnerable population. The single-story structure was constructed on an urban site with high goals for energy efficiency, which is achieved through a high quality envelope, daylights, radiant heating in the floor, VRF with a dedicated outdoor air unit, and PV on the roof.

Project Relevance:

- Public Client
- Public bidding
- Working with Saam Architecture



Kirby Center Renovation and Expansion

Location: **Washington, DC**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$12,495,620**

Client Contact Info:

Matthew Davitt
(202) 393-6445

Project Description:

The project included minor renovations to the existing Kirby Center, a full gut renovation of an adjacent building, interconnecting the two buildings, and the addition of a penthouse level to both buildings. The project consisted of approx. 23,000 gsf of academic space. RMF provided designs for all power, interior & exterior lighting, site lighting, fire alarm, telecom, security, audio/visual, HVAC, domestic water, stormwater, natural gas, waste & vent piping systems, as well as fire protection piping. RMF also coordinated service with electrical utility.

Project Relevance:

- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Engineering
- HVAC Design
- Renovation



Edenbridge PACE4DC

Location: **Washington, DC**

Date Completed: **2022**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$3,000,000**

Client Contact Info:

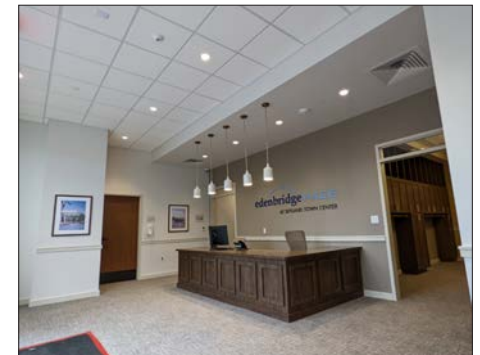
Dee Spiro
(617) 542-1025

Project Description:

RMF completed an Interior fit-out of approximately 14,900 sf of elderly care space in a newly constructed building at Alabama Avenue Southeast in Washington, D.C. The scope of work included office space, reception area, day rooms, medical exam rooms, a rehabilitation space, restrooms, laundry room, oxygen storage closet, and commercial warming kitchen spaces. This project was designed to meet the requirements of LEED ID&C V4.0 certification.

Project Relevance:

- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Engineering



4b. Subconsultant Experience

RMF Engineering, Inc.

Mechanical Engineering (M/P/FP)

Fallon Health / Summit ElderCare New PACE Facilities

Location: **Lowell, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine, Dennis Sepavich**

Construction Cost: **n/a**

Client Contact Info:

James Connolly
(617) 460-0610

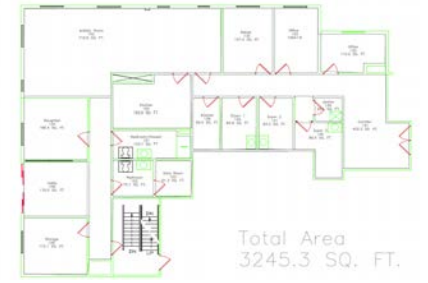
Project Description:

Summit ElderCare currently operates five PACE Centers, and are expanding to an additional 4-6 centers in the next two years. The new centers require changes to the HVAC, electrical, and plumbing systems. All PACE Centers will require exam rooms, physical therapy areas, dining room, activity areas, and a kitchen.

Project Relevance:

- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Engineering
- Local Client

Sample Satellite PACE Site 3,000 - 5,000 SF



400 Wood Road Renovations

Location: **Braintree, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine**

Construction Cost: **\$20,000,000**

Client Contact Info:

Chad Wulleman
(617) 209-9539

Project Description:

RMF worked with Hilco Redevelopment Partners on the MEP Systems upgrades at this 180,000 sf office / warehouse complex. The project consisted of the repositioning of the former Haemonetics Corporation property in Braintree, MA. The facility was refreshed with a new entry, site landscaping, and a more transparent facade, and the interior was made ready for use by future tenants.

Project Relevance:

- Mechanical Engineering



4b. Subconsultant Experience

RMF Engineering, Inc.

Electrical Engineering

City of Boston Engagement Center

Location: **Boston, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$7,700,000**

Client Contact Info:

Rohn MacNulty
(617) 635-0737

Project Description:

RMF provided MEP Engineering services for the design of a new 7,000 sf facility to serve the needs of Boston's vulnerable population. The single-story structure was constructed on an urban site with high goals for energy efficiency, which is achieved through a high quality envelope, daylights, radiant heating in the floor, VRF with a dedicated outdoor air unit, and PV on the roof.

Project Relevance:

- Public Client
- Public bidding
- Working with Saam Architecture



Kirby Center Renovation and Expansion

Location: **Washington, DC**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$12,495,620**

Client Contact Info:

Matthew Davitt
(202) 393-6445

Project Description:

The project included minor renovations to the existing Kirby Center, a full gut renovation of an adjacent building, interconnecting the two buildings, and the addition of a penthouse level to both buildings. The project consisted of approx. 23,000 gsf of academic space. RMF provided designs for all power, interior & exterior lighting, site lighting, fire alarm, telecom, security, audio/visual, HVAC, domestic water, stormwater, natural gas, waste & vent piping systems, as well as fire protection piping. RMF also coordinated service with electrical utility.

Project Relevance:

- Electrical Engineering
- HVAC Design
- Renovation



Edenbridge PACE4DC

Location: **Washington, DC**

Date Completed: **2022**

Key Members: **Stephanie Lafontaine,**
Dennis Sepavich

Construction Cost: **\$3,000,000**

Client Contact Info:

Dee Spiro
(617) 542-1025

Project Description:

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Project Relevance:

- Electrical Engineering



4b. Subconsultant Experience

RMF Engineering, Inc.

Electrical Engineering

Fallon Health / Summit ElderCare New PACE Facilities

Location: **Lowell, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine, Dennis Sepavich**

Construction Cost: **n/a**

Client Contact Info:

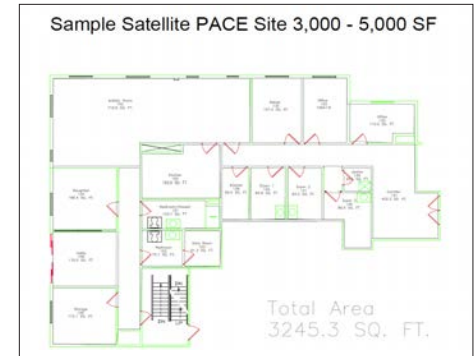
James Connolly
(617) 460-0610

Project Description:

Summit ElderCare currently operates five PACE Centers, and are expanding to an additional 4-6 centers in the next two years. The new centers require changes to the HVAC, electrical, and plumbing systems. All PACE Centers will require exam rooms, physical therapy areas, dining room, activity areas, and a kitchen.

Project Relevance:

- Electrical Engineering
- Local Client



400 Wood Road Renovations

Location: **Braintree, MA**

Date Completed: **2021**

Key Members: **Stephanie Lafontaine**

Construction Cost: **\$20,000,000**

Client Contact Info:

Chad Wulleman
(617) 209-9539

Project Description:

RMF worked with Hilco Redevelopment Partners on the MEP Systems upgrades at this 180,000 sf office / warehouse complex. The project consisted of the repositioning of the former Haemonetics Corporation property in Braintree, MA. The facility was refreshed with a new entry, site landscaping, and a more transparent facade, and the interior was made ready for use by future tenants.

Project Relevance:

- Electrical Engineering



4b. Subconsultant Experience

B+AC, LLC

Structural Engineering

Boston Engagement Center

Location: **Boston, MA**

Date Completed: **2021**

Key Members: **Balram Chamaria**

Construction Cost: **\$7,400,000**

Client Contact Info:

Diana Nicklaus
(617) 275-4453

Project Description:

The City of Boston has built a permanent Engagement Center to replace several temporary structures located at "Mass & Cass". The grant funded project aims to create a space for individuals to begin or continue engagement with multiple municipal services, provide a safe daytime space for individuals, address sidewalk congestion, and offer Boston police officers and outreach workers a place to guide individuals who are in need of support. Design relies heavily on mass timber construction.

Project Relevance:

- Public Project
- City and State Services Center
- Serving At-Risk Population
- Project completed with Saam



Dept of Youth Services, Middleton – Rooftop Solar

Location: **Middleton, MA**

Date Completed: **2022 (est.)**

Key Members: **Balram Chamaria**

Construction Cost: **\$13,000,000**

Client Contact Info:

Jess Farber
(508) 647-9200

Project Description:

As part of the state of Massachusetts' energy upgrade program this project seeks to implement conservation measure ECM #21.1A. The project intent is to add photovoltaic panels to the rooftop of the Middleton Department of Youth Services facility. Completed in 2016, the building is 72,000 sf. Criteria for designed framing includes dead, roof live, snow, wind, and seismic loading.

Project Relevance:

- MA Department of Youth Services
- Public Project
- DCAMM Project
- Assessments



Western Massachusetts Hospital - Upgrades

Location: **Westfield, MA**

Date Completed: **2021**

Key Members: **Balram Chamaria**

Construction Cost: **\$21,300,000**

Client Contact Info:

Paul Kondrat
(617) 571-6206

Project Description:

A DCAMM Project in Westfield, MA. The 93,000 sf, 102-bed chronic-care facility is being renovated/upgraded to meet with modern standards. Without a central ventilation or temperature control system since construction in 1930, multiple rooftop air-handling units are being added. Replacement of the full roof system, work relating to associated pads and structural perforations, as well as a study of swing space alternatives, a certifiable building study, and design consultancy are all included in the project's scope.

Project Relevance:

- MA State Facility
- Hospital/Medical/Care Facility
- Public Project
- Renovations/Repairs – occupied



4b. Subconsultant Experience

B+AC, LLC

Structural Engineering

University of Rhode Island Health & Wellness Center

Location: **Kingston, MA**

Date Completed: **2024 (est.)**

Key Members: **Balram Chamaria**

Construction Cost: **\$22,900,000**

Client Contact Info:

Lynne Deninger
(617) 742-5440

Project Description:

In response to practical facility needs and institutional intent to better integrate wellness with daily life through example, the University of Rhode Island is building a new wellness facility. 45,000 sf on three floors will combine into one physical location both health services and counseling services which are presently in different campus locations. Mass timber options are being considered for the sloped site. Upon completion, provision of structural demo plans for the former health services structure will be provided.

Project Relevance:

- Medical Facility
- Health and Wellness
- Mental Health Facility
- Public Project



Cambridge College Boston Campus

Location: **Boston, MA**

Date Completed: **2017**

Key Members: **Balram Chamaria**

Construction Cost: **\$13,000,000**

Client Contact Info:

Scott Lebow
(617) 338-5990

Project Description:

108,557 sf space in the Historic Hood Park was repurposed for the Boston campus of Cambridge College. The existing multiple connected buildings are structurally independent and constructed using different structural framing systems. The oldest building dates back to early 1900s. 45 classrooms ranging from 10 to 35 students, science teaching labs, computer labs. Structural engineering services involved structural conditions assessments, structural code review, structural details and CA.

Project Relevance:

- Adaptive Re-use
- Serving Multiple User and Service Needs
- Assessments
- Alternative/Creative Approaches



4b. Subconsultant Experience

Kalin Associates, Inc.		Specifications Consultant
NE Regional Youth Service Center, DYS Middleton Location: Middleton, MA Date Completed: 2016 Project Team: Mark Kalin Construction Cost: \$25,000,000 Client Contact: Ned Collier (617) 451-3333	Project Description: Remodeling and renovations to existing building to improve overall performance of building and to accommodate new program requirements.	Project Relevance: <ul style="list-style-type: none">• MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.
Hanscom Airfield Rescue and Fire Fighting (ARFF) Facility Location: Bedford, MA Date Completed: 2019 Project Team: Mark Kalin Construction Cost: \$12,000,000 Client Contact: Ed Bourget (401) 519-8919	Project Description: The project includes the construction of a new state-of-the-art, Massport Airport Rescue and Firefighting Facility (ARFF) / United States Customs and Border Protection Facility (CBP) at LG Hanscom Air Field.	Project Relevance: <ul style="list-style-type: none">• MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.
Milford Youth Center Renovations Location: Milford, MA Date Completed: 2015 Project Team: Mark Kalin Construction Cost: \$2,000,000 Client Contact: Marty Kretsch (978) 264-0160	Project Description: Remodeling and renovations to existing building to improve overall performance of building and to accommodate new program requirements.	Project Relevance: <ul style="list-style-type: none">• MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

4b. Subconsultant Experience

Kalin Associates, Inc.

Specifications Consultant

Arlington High School

Location: **Arlington, MA**

Date Completed: **2022**

Project Team: **Mark Kalin**

Construction Cost: **\$200,000,000**

Client Contact:

HMFH Architects

(617) 492-2200

Project Description:

Major demolition, and new construction (phased) of the Arlington High School including sitework and early bid packages.

Project Relevance:

- MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

Greenfield Community College Main Building Modernization Project

Location: **Greenfield, MA**

Date Completed: **2010**

Project Team: **Mark Kalin**

Construction Cost: **\$10,000,000**

Client Contact:

Gensler

(617) 619-5700

Project Description:

Remodeling, additions, and renovations to existing building to improve overall performance of building and to accommodate new program requirements.

Project Relevance:

- MGL Chapter 149 filed sub-bids, architectural specification writing, and coordination of team specifications.

4b. Subconsultant Experience

Dharam Consulting		Cost Estimating
MASAC Plymouth Correction Location: Plymouth, MA Date Completed: 2020 Key Members: Owain Jones Construction Cost: \$30,000,000 Client Contact Info: Patricia Nobre (617) 619-5713	Project Description: Dharam Consulting is currently providing cost estimating for this master plan project. The project includes renovation options on full MEP infrastructure improvements, envelope improvements and ADA upgrades.	Project Relevance: Dharam Consulting providing full cost management services for this project for North and South campus which includes multiple buildings where new and renovated construction options are being reviewed.
Pine Street Inn Feasibility Location: New London, CT Date Completed: 2018 Key Members: Owain Jones Construction Cost: \$6,000,000 Client Contact Info: John Garcia (617) 723-8808	Project Description: Dharam provided several fit out concept studies for an extensive renovation of Pine Street Inn, a homeless shelter providing a range of service for the local community. Each scheme included replacement of select infrastructure, renovation of the kitchen and staff offices, and space use conversions to provide more space for beds.	Project Relevance: Dharam Consulting providing feasibility cost management services for this project.
DCAMM Department of Public Health Renovation Location: Boston, MA Date Completed: 2021 Project Team: Owain Jones Construction Cost: \$110,000,000 Client Contact Info: Jeff Degregorio (617) 542-6650	Project Description: Renovation of infrastructure, core renovations and multiple lab fit outs. 200,000 gsf	Project Relevance: Dharam Consulting providing full cost management services for this renovation project.

4b. Subconsultant Experience

Dharam Consulting		Cost Estimating
Long Island Master Plan Location: Boston, MA Date Completed: 2024 (est.) Key Members: Owain Jones Construction Cost: confidential Client Contact Info: Jeff Degregorio (617) 542-6650	Project Description: Masterplan looking at the full renovation of all buildings on long island for a recovery campus. All buildings require historic façade renovation work.	Project Relevance: Dharam Consulting providing cost estimating for this master plan of a recovery campus.
Solomon Carter Fuller Mental Health Master Plan Location: Boston, MA Date Completed: 2021 Key Members: Owain Jones Construction Cost: varies Client Contact Info: Bob Hicks (617) 234-3100	Project Description: Dharam consulting has been working with Stantec and DCAMM producing a masterplan for the Solomon Carter Renovations. The project comprises of a phased 280,000sf existing building renovation. A series of scenarios are looking at inpatient space vs. office spaces, infrastructure renewal throughout, ADA improvements, and envelope / façade upgrades.	Project Relevance: Dharam Consulting providing full cost management services for this master plan.

4b. Subconsultant Experience

Jensen Hughes

MA Building Code Consultant

Massachusetts Department of Youth Services

Location: **Taunton, MA**

Date Completed: **2020**

Key Members: **Todd Pearson**

Construction Cost: **unknown**

Client Contact Info:

Nick Ferzacca
(617) 542-0810,

Project Description:

Provided fire protection, life safety, and accessibility code consulting services for the proposed immediate air conditioning project at the Department of Youth Services (DYS) Goss Building in Taunton, MA. The Building consists of classrooms, faculty and administrative offices, observation rooms, teaching clinics, and sleeping units. The project provided air conditioning to the sleeping units, utilizing permanent mechanical duct work connected to rental air conditioning units located at the exterior of the building.

Project Relevance:

- Example of code consulting services for a judicial facility.



Wareham District Court

Location: **Wareham, MA**

Date Completed: **2020**

Project Team: **Todd Pearson**

Construction Cost: **n/a**

Client Contact Info:

Audrey Stuart
(617) 497-7800

Project Description:

Provided Building Code Consulting services, which included a comprehensive, detailed building evaluation, code review for Chapter 34 780 CMR, recommendations on systems upgrades for Fire Life Safety evaluations, including egress and structural recommendations as well.

Project Relevance:

- Example of code consulting services provided for a judicial facility.



Essex County House of Corrections

Location: **Middleton, MA**

Date Completed: **in progress**

Project Team: **Todd Pearson**

Construction Cost: **n/a**

Client Contact Info:

Harold Levkowicz
(617) 357-7790

Project Description:

Providing fire protection and life safety code consulting services for the Essex County House of Corrections Vocational / Inmate Housing Building. The existing two-story building is approximately 33,800 gross square feet. Each of the two levels of the Building contain inmate holding / sleeping areas, inmate restrooms and showers, employee offices and building support spaces. A review use study was requested for the current occupancy of the Building.

Project Relevance:

- Example of code consulting services provided for a correctional facility.



4b. Subconsultant Experience

Jensen Hughes

MA Building Code Consultant

DCAMM Correctional Center for Women

Location: **Various locations, MA**

Date Completed: **in progress**

Key Members: **Todd Pearson**

Construction Cost: **\$550,000 (study)**

Client Contact Info:
Harold Levkowitz
(617) 357-7790

Project Description:

Providing fire protection and life safety code consulting services for the study, design and construction administration of the future DOC's Correctional Center for Women. The goal of the study is to determine a consensus solution for either the replacement or renovation of existing correctional centers for women, which will be informed by the recommendations of the strategic planning effort.

Project Relevance:

- Example of code consulting services provided for a correctional facility.



DCAMM John W. McCormack Building Renovations

Location: **Boston, MA**

Date Completed: **2021**

Project Team: **Ted Dow**

Construction Cost: **n/a**

Client Contact Info:
Diana Nicklaus
(617) 275-4453

Project Description:

Provided Fire / Life Safety and Accessibility Code Consulting Services. The project includes renovations of several portions of the building to facilitate a "restacking" of spaces within the McCormack building. Floors targeted for renovation in the McCormack Building include the Plaza level, Floor 3, Floor 11, Floor 13, and Floor 14.

Project Relevance:

- Example of fire protection and life safety consulting services provided to a DCAMM project.
- Working with Saam Architecture



4b. Subconsultant Experience

Building Conservation Associates, Inc.

Historic Preservation Consultant

Boston University Dahod Family Alumni Center

Location: **Boston, MA**

Date Completed: **2019**

Key Members: **Lisa Howe (Director), Lisa Harrington (Project Manager)**

Construction Cost: **\$28,000,000**

Client Contact Info:
Rebecca Berry
(617) 272-9272

Project Description:

Exterior envelope survey and report, construction documents and project monitoring services for repair and restoration of 1915 sandstone masonry, cast iron and wood windows.

Project Relevance:

- Full range of services on historic masonry building on Boston University campus.



Emerson College Walker Building

Location: **Boston, MA**

Date Completed: **2018**

Project Team: **Lisa Howe**

Construction Cost: **\$2,300,000**

Client Contact Info:
Michael Faia
(617) 824-3188

Project Description:

Exterior envelope survey and report, construction documents and construction administration for repair and restoration of the 1891 and 1900 terra cotta and sandstone façade.

Project Relevance:

- Historic restoration project on Emerson College campus.



Lawrence Oliver Partnership School

Location: **Lawrence, MA**

Date Completed: **in progress**

Project Team: **Lisa Howe (Director), Lisa Harrington (Project Manager)**

Construction Cost: **\$76,000,000 (est.)**

Client Contact Info:
Helen Fantini
hfantini@mma.com

Project Description:

Exterior envelope survey, report and construction documents for restoration of brick, limestone and granite façade. Work includes lintel replacement, brick rebuilding and limestone repairs.

Project Relevance:

- Restoration of a historic brick school building.



4b. Subconsultant Experience

Building Conservation Associates, Inc.

Historic Preservation Consultant

Rockland Community Center

Location: **Rockland, MA**

Date Completed: **2016**

Key Members: **Lisa Howe**

Construction Cost: **n/a**

Client Contact Info:

Michael Lindstrom

(617) 608-1551

Project Description:

Exterior envelope survey and report in support of a feasibility study. The building was constructed in 1908 in the Colonial Revival style with cast stone foundation and trim elements, brick walls and wood pediments and cornices. The building was placed on the National Register in 1989.

Project Relevance:

- Review of materials and conditions on historic masonry building.



Lowell Community Charter Public School

Location: **Lowell, MA**

Date Completed: **2019**

Project Team: **Lisa Howe (Director),
Lisa Harrington (Project Manager)**

Construction Cost: **n/a**

Client Contact Info:

David Choi

David.Choi@jacobs.com

Project Description:

Exterior envelope survey, conditions assessment, report, preliminary construction documents and preliminary costs for repair and restoration of the 1890s mill buildings.

Project Relevance:

- Conditions assessment of historic mill buildings.



4b. Subconsultant Experience

Environmental Health and Engineering, Inc.

Hazardous Materials Consulting

Hazardous Materials & Demolition Debris Assessment and Management Services, Redevelopment (Former MMHC Site)

Location: **Boston, MA**

Date Completed: **2016**

Key Members: **Cynthia Campisano**

Construction Cost: **n/a**

Client Contact Info:
Joseph O'Farrell
(617) 495-1659

Project Description:

EH&E performed a hazardous building material inspection and assessment, developed and supervised a remediation plan, and developed a Beneficial Use Determination for on-site reuse of non-hazardous building demolition debris at the Partners Real Estate and Facilities (Partners) redevelopment of the former Massachusetts Mental Health Center, located in Boston, Massachusetts. EH&E was retained by Partners to perform a facility-wide, comprehensive, hazardous building material inspection and assessment for this multi-building campus.

Project Relevance:

- Hazardous materials assessment

Hazardous Materials Assessment, Topsfield Town Hall

Location: **Topsfield, MA**

Date Completed: **2017**

Key Members: **Cynthia Campisano**

Construction Cost: **n/a**

Client Contact Info:
Gregor Smith
(617) 835-4128

Project Description:

For over two years, EH&E has provided continuous environmental compliance services to the Town of Topsfield to support hazardous building materials management, soil management, and Massachusetts Contingency Plan (MCP) compliance during the course of construction of the Town Hall addition. These services have included extensive building and soil sampling, oversight of soil and asbestos removal, confirmatory testing, and regulatory reporting to address both the disposal of excess soils generated by the Project and remediation of lead-impacted soils discovered at the site during the course of construction soil management.

Project Relevance:

- Hazardous materials assessment
- Massachusetts public facility



Hazardous Materials Assessment, East Boston Social Center

Location: **Boston, MA**

Date Completed: **2017**

Key Members: **Cynthia Campisano**

Construction Cost: **n/a**

Client Contact Info:
David Silverman
(617) 426-1501

Project Description:

EH&E performed a hazardous building material inspection and assessment, developed and supervised a remediation plan, and developed a Beneficial Use Determination for on-site reuse of non-hazardous building demolition debris at the Partners Real Estate and Facilities (Partners) redevelopment of the former Massachusetts Mental Health Center, located in Boston, Massachusetts. EH&E was retained by Partners to perform a facility-wide, comprehensive, hazardous building material inspection and assessment for this multi-building campus.

Project Relevance:

- Hazardous materials assessment



4b. Subconsultant Experience

Environmental Health and Engineering, Inc.

Hazardous Materials Consulting

Hazardous Materials Evaluation, Boston Athenaeum, 10 ½ and 14 Beacon Street Renovation Project

Location: **Boston, MA**

Date Completed: **2017**

Key Members: **Cynthia Campisano,
Adam Bisol**

Construction Cost: **unknown**

Client Contact Info:

Leah Rosovsky
(617) 227-0270

Project Description:

Environmental Health & Engineering, Inc. (EH&E) provided consultation to the Boston Athenaeum (BA) for a hazardous materials evaluation of the 1st, 5th, and 6th levels at 14 Beacon and 1st, 2nd, 3rd, and 4th levels at 10 ½ Beacon of the Boston Athenaeum located at 10 ½ and 14 Beacon Street, Boston, Massachusetts. EH&E conducted an inspection for asbestos-containing materials, provided a survey for lead-based paint in the renovation area, and provided BA with a report highlighting their findings.

Project Relevance:

- Hazardous materials assessment



Hazardous Materials Assessment, Specification Design and Abatement Oversight Services, Crocker Elementary School

Location: **Fitchburg, MA**

Date Completed: **2024 (est.)**

Key Members: **Cynthia Campisano,
Adam Bisol**

Construction Cost: **\$60,000,000 (est.)**

Client Contact Info:

Ed Bourget
(401) 519-8919

Project Description:

Environmental Health & Engineering, Inc. (EH&E) provided a pre-demolition hazardous materials assessment and management services at the Crocker Elementary School located in Fitchburg, Massachusetts. Project tasks included NESHAPs-Compliant Asbestos inspection, lead-based paint inspection, a visual inspection of miscellaneous hazardous materials, and sampling of building materials for polychlorinated biphenyl (PCB) analysis. After completion of the previously mentioned tasks, EH&E provided a hazardous materials assessment report and abatement specifications.

Project Relevance:

- Hazardous materials assessment
- Working with Saam Architecture



Photo courtesy of Saam Architecture

4b. Subconsultant Experience

GMI Architects

Behavioral Health Consultant

Lemuel Shattuck Hospital Relocation

Location: **Boston, MA**

Date Completed: **ongoing**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$350,000,000**

Client Contact Info:

Richard Polvino

(617) 717-6738

Project Description:

The State of Massachusetts's relocation of Lemuel Shattuck Hospital into the former Newton Pavilion located in downtown Boston. While working with SLAM Collaborative and SAAM Architecture, GMI Architects is responsible for all Behavioral Health scope of work, within the DMH units and anywhere throughout the building DMH patients may be accessing.

Project Relevance:

GMI is the lead designer for five 24-bed DMH units and their associated staff and public program located on the 6th and 7th floor of the relocated hospital. While working as a consultant with a Prime Architect, GMI worked closely with Saam Architecture to coordinate many details of the project.



250-bed psychiatric hospital

Location: **Connecticut**

Date Completed: **ongoing**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$400,000,000**

Client Contact Info:

George Marsh

(617) 895-1028

Project Description:

Consultant to Payette Associates on a new state of the art 250-bed psychiatric hospital for a private healthcare provider.

Project Relevance:

GMI Architects is working as the Behavioral Health Consultant in development of a new 250-bed psychiatric hospital. While following the project scope from the Prime Architect, GMI Architects is responsible for the inpatient units and their connections to the public spaces.



WBC Center for Recovery

Location: **Dedham, MA**

Date Completed: **2020**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$13,500,000**

Client Contact Info:

Chuck Rossignol

(978) 314-1660

Project Description:

Full renovation of an existing 64,000 sf skilled nursing facility into the region's only psychiatric hospital focusing on eating disorder treatment. Program included two 24-bed inpatient psychiatric units and two residential treatment units.

Project Relevance:

GMI Architects was the Prime Architect in the full renovation of an existing structure into a psychiatric inpatient hospital. Working with existing built conditions and building systems, GMI designed a contemporary unit that focuses on treatment of eating disorders.



4b. Subconsultant Experience

GMI Architects

Behavioral Health Consultant

TaraVista Behavioral Health Center

Location: **Devens, MA**

Date Completed: **2016**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$20,000,000**

Client Contact Info:

Michael Krupa
(978) 615-5200

Project Description:

TaraVista is an 108-bed behavioral health in-patient hospital featuring four 24-bed patient units complete with reading rooms, aquariums and distinctive colors and an admission Care Access Unit directly connected to the ambulance entry.

Project Relevance:

GMI Architects was the Prime Architect and working hand-in-hand with the development team and Construction Manager to build a new 80,000 sf inpatient psychiatric hospital.



Silver Hill Hospital ACU Renovations

Location: **New Canaan, CT**

Date Completed: **ongoing**

Key Members:

Gary Graham, Damara Toohey

Construction Cost: **\$10,000,000**

Client Contact Info:

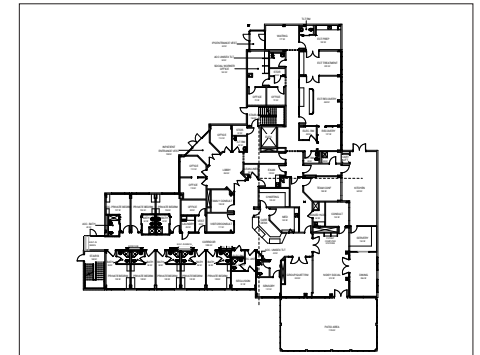
Rick Markello
(203) 801-2232

Project Description:

Renovation of existing 9,000 sf Acute Care Unit to house new 8-bed inpatient unit, Interventional Psychiatric Services outpatient space and a new 14-bed inpatient unit. GMI, with our team of consultants, explored single story and multi-story design options.

Project Relevance:

GMI Architects is the Prime Architect in reconfiguring the ACU on Silver Hill's campus. While working with clinical staff and management feedback, we found a solution that provided dedicated inpatient and IPS space that securely access shared staff and visitor space.



Saam (pronounced "sahm") is a multi-lingual descriptor that translates as “together”. Since its founding in 2014, Saam has grown to a team of 25 designers with diverse backgrounds and skill sets. A certified Massachusetts WBE/DBE firm, Saam Architecture is committed to a progressive approach to the practice of architecture, which enables us to deliver highly collaborative and award winning design. Saam’s team of architects and interior designers provide not only sufficient depth but also highly relevant experience for the new DYS Regional Service Center.

EVALUATION FACTOR 01

Demonstrated expertise in designing trauma-informed spaces for youth that address educational, psychological, and health needs. Established track record of innovative design approaches that satisfy strict safety, security, and anti-ligature requirements while at the same time challenges the impersonal institutional conformity that often characterize such space.

Behavioral Health Design Team

The new DYS Regional Youth Service Center requires a team with expertise in secure behavioral health facility design as well as thorough knowledge of DYS, DMH, and DCAMM standards. Saam has worked with all three of these agencies over the last two years, as has our proposed Project Manager, Kristin Tedford.

In order to deliver a facility that meets the safety, physical, and psychological needs of the clients, Saam has included GMI Architects as Behavioral Health Specialists for this contract. Our teams recently developed a strong workflow on the **Lemuel Shattuck Hospital Relocation** project in collaboration with SLAM Collaborative. On Shattuck, GMI was responsible for the design and full documentation of the 115 inpatient beds for DMH, as well as other clinical areas required by DPH (Department of Public Health). Saam’s work focused on the design of diagnostic and treatment spaces to support the various agency clients, including operating rooms, PACU, Lab, pharmacy, rehab, the outpatient clinic, and many of the DOC (Department of Corrections) spaces.

While Kristin Tedford was a critical member of Saam’s Shattuck team, she also recently led renovations on four floors of Allen Hall (a hardware secure facility) at **Westborough State Hospital** that focused on renovation of 24 fully anti-ligature / anti-barricade, single-user shower/ bathroom spaces. Kristin worked closely with DYS on implementing their standard equipment. Finally, Kristin was deeply involved in the design phases of DCAMM’s 13-agency renovation in the John W. McCormack building. As such, she is ideally suited to lead this project, and has capacity to do so.

Trauma-Informed Design / Saam

Both Saam and GMI have experience in designing trauma-informed spaces. As mentioned, Saam recently completed work at **Westborough Hospital’s Allen Hall** for a similar population to that of the new DYS Regional Youth Service Center. In addition, the new **City of Boston Engagement Center** was designed by Saam for the population of the Mass/Cass area of Boston, which is composed of people of all ages. Clients who visit this low-threshold facility each day have experienced severe trauma related to housing insecurity, substance use disorders, and other behavioral health conditions.

In working with the both the City of Boston Public Facilities Division and the Boston Public Health Commission, Saam developed a design approach for the Engagement Center that has provided a place of safety and refuge as well as spatial relief. The design of the main space includes a light-diffusing insulated glass clerestory that offers a bright yet soft light. After dark, this volume has a beacon-like quality that offers comfort far above the street, while the mostly opaque walls provide physical safety and anonymity.

Saam is currently designing an **MSBA elementary school** that has a large population of students who are impacted by trauma. We have integrated biophilic design - a concept that connects occupants with nature - throughout the new building. Biophilic design supports physical health, improves psychological well-being, and reduces stress. Examples of biophilic elements include visible connections to the outdoors, use of natural colors and textures, and access to daylight. This approach also aligns well with the goals of trauma-informed design.

Responsibility Matrix

Saam and GMI have agreed upon each firm’s scope for the primary areas of work. This is based on our collaboration on the Lemuel Shattuck Hospital 2024 Relocation project.

Scope	Saam	GMI
OVERALL PROJECT		
Project management / Prime + Architect of Record	X	
Meeting management and documentation	X	
Workshop participation	shared	
Certifiable Building Study Narratives	shared	
Overall building design, including massing and exterior	X	
Clinical / behavioral health programming and planning		X
Clinical / behavioral health design and documentation.		X
Clinical support space design and documentation.	X	
Consultant coordination	X	
Anti-ligature design and specification	shared	
Construction Administration Lead	X	

Demonstrated expertise in designing trauma-informed spaces for youth that address educational, psychological, and health needs. Established track record of innovative design approaches that satisfy strict safety, security, and anti-ligature requirements while at the same time challenges the impersonal institutional conformity that often characterize such space.



Treatment space at TaraVista Behavioral Health Center, Devens, MA. (GMI)



Bedroom at the WBC Center for Recovery, Dedham, MA. (GMI)

Trauma-Informed Design / GMI

GMI Architects has been designing facilities for behavioral health for over 40 years, and has been responsible for over 65 behavioral healthcare programs, master plans, and designs involving over 6,000 inpatient beds. Their projects range from a 16 bed unit for **McLean Hospital**, to a new \$400 million, 250 bed psychiatric hospital located in Connecticut.

Through their decades of practice, they have come to believe that a “Therapeutic Environment” is instrumental to the creation of a warm and healing setting for the populations they serve. It’s imperative that the facilities they design are impeccably safe and secure. They give inordinate care to the design, selection, and incorporate safety/security concerns in a subtle manner, thus creating familiar and comfortable environments for residents and patients to heal and thrive.

As an example, GMI Architects recently worked with **Walden Behavioral Care** to create a facility that is both comfortable, and supportive for the treatment of patients with eating disorders. Care was taken to design dining rooms to have the appropriate space needed for meal times, adequate storage so as not to leave triggering food in view during mealtimes, limiting windows into dining rooms so patients do not feel on display, access

to a teaching kitchen to reestablish a health relationship with food, and limiting mirrors in patient bedrooms to aid in the improvement of self-image. However, as a licensed psychiatric hospital, GMI was also highly attentive to the creation of a safe and secure facility, with universal anti-ligature, anti-elopement, and anti barricade considerations.

Many of the inpatient units and residential treatment centers that GMI has designed have been for an adolescent patient population and take into account age-appropriate social spaces, device storage and charging needs, and areas for self-expression. Community rooms are formatted for comfortable seating but limit opportunities for concealing contraband. If the youths are allowed access to their devices, custom charging stations provide a central location for cell phones, tablets and laptops to be charging while patients can ensure their device has not been used by other patients. Areas of self-expression include art rooms, music and movement rooms, and locations to write/ draw on bedroom walls to provide a sense of identity and ownership to their space.

Behavioral Care facility design requires a balance between seemingly irreconcilable criteria. On one hand, a safe, secure, and controlled setting is essential. On the other, the character of the facility should give patients and staff a sense of pride and self-respect. The resolution of these conflicting criteria requires innovative design solutions. GMI has helped to establish a new standard for the care and treatment of people with behavioral problems, and the concept of the therapeutic environment.

Safety, Security, Anti-Ligature

As outlined above, Saam and GMI have portfolios that include strict safety and anti-ligature design. Saam collaborated extensively with the Boston Department of Public Health on the bathroom and shower area of the new **Engagement Center**. By creating circulation through large openings, occupants retain a connection to the main space, but also a balance of safety and privacy. The space is monitored on each end by Boston DPH staff, allowing the team to view both the occupants of the main space and the bathroom area. All of the fixtures and hardware are anti-ligature and anti-barricade.

In addition to our clients for Allen Hall and the Shattuck Hospital project, Saam has multiple security and defense clients who require strict safety, security, and anti-ligature design. For instance, the award-winning **Hanscom Airfield Rescue and Fire Fighting (ARFF) Facility / United States Customs and Border Protection (USCBP) Facility** followed standards of both agencies. The USCBP space required “secondary” holding for specific passengers which included anti-ligature hardware and plumbing fixtures. Likewise, a recent design for the **DHS Renovation of the 7th Floor of the Barnes Building** incorporated similar requirements.



Boston Engagement Center, Boston, MA. (Saam, RMF, B+AC, Kalin, EH&E)
Bathroom and shower area with view to the main space.

Demonstrated expertise in designing new buildings in historically significant campuses and experience with Chapter 149A projects. Ability to innovate while being responsive to existing context.

Responding to Historic Context

Designated as an historic district by the National Register of Historic Places, the Taunton State Hospital is an architecturally significant campus. To that end, the new DYS Regional Youth Services Center must respond to the historic context appropriately. Diana Nicklaus, the team's Principal-in-Charge, has worked in the historic preservation field, including contributions to National Register nominations.

Saam's legacy portfolio includes the new **Integrative Learning Center** located on the UMass Amherst campus. This building responds to the historic fabric on each side of the building, complimenting the adjacent concrete, stone, and masonry buildings. Saam's **City of Boston Engagement Center** was designed to directly acknowledge the surrounding masonry buildings of the historic City complex while complimenting the brick with other materials that accentuate key aspects of the building massing.

Responding to the historic context also includes coordinating with existing campus infrastructure. RMF Engineering is currently working on numerous campuses across New England, such as Williams College, UMass Amherst, and UMass Lowell, where they are looking at how new and existing buildings are best integrated into larger facilities master plans.

Saam's landscape consultant, Ground, has worked on the Taunton DYS campus, and is familiar with the historic landscape and how to best compliment the historic campus while providing a healing landscape.



Section 35 Men's Program, Taunton State Hospital (Ground)

Ch. 149a Experience

Saam's public portfolio has multiple projects for Commonwealth agencies that were designed and constructed under MGL Ch. 149a procurement regulations. We are well-versed in the statutory responsibilities of the Designer, in addition to deep experience in reviewing CM and Trade Contractor qualifications and proposals. Projects include:

- John W. McCormack Building—Future of Work Renovations, One Ashburton Place (2020–present, with Jensen Hughes, EH&E, and Kalin)
- John W. McCormack Building Immediate Needs Project (2018–2021, with Fernandez, EH&E, and Kalin)
- Lemuel Shattuck Hospital 2024 Relocation (2019–2022, with GMI)
- Logan Airport, Terminal B Roadways and Terminal Rehabilitation, East Boston, MA (2021–present)
- Framingham Logan Express Garage Renovation and Addition, Framingham, MA (2019 –2020)

In addition, Diana Nicklaus led various aspects of two Ch. 149a delivery projects: the Integrative Learning Center on the UMass Amherst Campus (with DCAMM), and the Roger E. Wellington Elementary School in Belmont, MA. For each of these projects, Diana Nicklaus provided designer representation for CM at Risk selection and Trade Contractor pre-qualification.

B+AC, LLC and its engineers have several Ch. 149a engagements of note including the McGuirk Stadium – Upgrades. Also with the UMass system, B+AC personnel were central to the transformation of Furcolo Hall into classroom and study-spaces, and putting both chemistry and the arts under a common roof at the General Academic Building #1 in Boston. Currently on the boards are Carter School in Boston and Stoneham High School, and upcoming is the curtain-wall replacement of MassArt's 300k sq ft main-building, high-rise. Apart from these examples of 149A work, B+AC is adept with all approaches to work and client preferences, and the hallmark of its work is creativity, detail, and quality.

The local Boston office of **RMF Engineering** has a team with decades of work for the Commonwealth. RMF's Lead Mechanical Engineer, Stephanie Lafontaine has been the designer for many Ch 149A projects including Millers River Housing renovation and 5 Necco Court (historic) renovation.

Green International has provided civil/site engineering for numerous M.G.L. Ch. 149 projects as the civil engineering subconsultant to highly-respected and award-winning architectural firms for high profile public and higher education projects. In particular, Green has been the civil engineering subconsultant on a number of university buildings, trial courts, police stations, and the Commonwealth's first net-zero energy building for the Massachusetts Division of Fisheries and Wildlife.



MA Division of Fisheries and Wildlife, Westboro, MA. (Green)

Our team's specification writer, **Kalin Associates**, is a recognized leader in development of specifications under M.G.L. projects. Mark Kalin and his team have supported hundreds of M.G.L. projects. Kalin Associates is the go-to specifications team member for Saam.

Dharam Consulting's Boston office has extensive DCAMM experience, ranging from renovation and facilities maintenance to major new construction including residential and health facilities. These projects have been procured using both Design/Bid/Build (Chapter 149), and Construction Management (Chapter 149A).

Proven track record of integrating architecture and landscape design to facilitate healing without compromising on safety and security needs, preserve and complement the historic milieu, and further sustainability and campus resiliency goals.

Trauma-Informed Landscape

Ground has significant experience in the design of trauma-informed landscapes that balance healing, security, and safety. Most recently, the team at Ground has completed the design of landscapes for the **Women's Recovery from Addictions Program (WRAP)** as well as the **Men's Section 35 program at the Taunton State Hospital**.

Completed in 2016, the WRAP includes two landscaped courtyards designed to respond to different stages of addiction recovery. The healing garden supports the intensive detoxification stage while a second courtyard is designed for more active recreation. The recently completed Men's program consists of two secure and accessible courtyards with active spaces, outdoor small group gathering spaces, and a programmable roof terrace. The large courtyards are broken down into smaller spaces with soft paving material and hearty planting to help create a calming environment. Additional landscape scope included the accessibility renovation of the glass entry area as well as emergency vehicular access and parking.

Ground was also the landscape architect for the feasibility study of the Section 35 program at the **Plymouth MASAC** facility. This study incorporates the analysis of the exterior grounds of the campus with a strong focus on accessibility, security, and potential for outdoor active programming.

Sustainability and Resilience

Within the landscape, the most significant manifestations of sustainability are often related to storm water and to the conservation of existing landscape resources. Ground includes strategies that significantly decrease surface runoff, improve the urban tree canopy, create habitat diversity, decrease the heat island effect, and enhance the quality of water returning to the ground.

Budget and Viability

Ground understands that a truly sustainable approach to the landscape must also be economically viable. Senior staff at Ground have a very clear understanding of construction methodologies and the budget implications of decisions made. The firm's working method is flexible and highly responsive to program and budget considerations, anticipating issues that could result in high costs. Throughout the entirety of the design process the office develops design alternatives that will maintain the integrity of the design faced with a budget constraint thus resulting in solutions that give the best long-term value to the project.

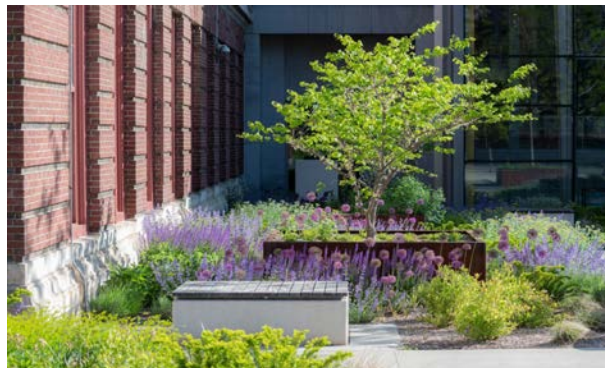
Security and Safe Landscapes

Through their experience on the Section 35 projects described above, Ground has developed approaches for designing safe and secure solutions that are well-integrated in a gracious and visually unimposing way. In integrating their design with the architectural team, Ground's process explores multiple options. Design of the security fence excludes any adjacent climbable elements. Each landscape element is fixed such that nothing can be picked up to harm oneself or others. Finally, plantings intentionally steers clear of specifying toxic or hallucinogenic plants.

Saam's approach to the **City of Boston Engagement Center** took particular care with two aspects of the outdoor hardscape. The first was a secure courtyard, offering visitors safe space for fresh air located on the back side of the building. Because the Engagement Center's mission focused on providing open doors to people who might otherwise not seek support, the front plaza was designed to physically encourage people to be drawn to the entrance. Conversely, after hours safety was a critical requirement. In order to deter people from sleeping, there was a sloped concrete curb at the corner with tree plantings at both ends of the plaza and corner. The orientation of the front entrance doors faced the plaza to provide a communal queuing area that provided a sense of shelter.



Women's Recovery from Addiction Program, Taunton State Hospital. (Ground)



MassArt Center for Design and Media, Boston, MA. (Ground)



Boston Engagement Center, Boston, MA. (Saam, RMF, B+AC, Kalin, EH&E)

The Prime firm, through their Diversity Focus Statement, shall demonstrate their firm's implementation of Equity, Diversity, and Inclusion (EDI) principles within its organization and within the design profession.

Saam's Own Approach to Diversity

Since its founding in 2014, Saam has been structured to offer a "level playing field" to all our employees such that all can pursue career goals regardless of other life commitments. We do this by providing a progressive approach to culture and benefits—an approach that has received attention at the national level within the AEC industry's discourse on equitable culture. In this way, DEI has always been "baked in" to our practice model. This model has successfully attracted a talented and diverse team, many of whom would have left the profession had they not found our culture.

Saam is a WBE firm, which supports traditional diversity supplier programs. That said, Saam truly meets the spirit of WBE (87% women). We are however, much more proud that our team of 25 includes individuals from nine countries, and we are able to speak 11 languages.

Project Track Record

In the last five years, Saam exceeded has the client's stated MBE/WBE goals for these projects:

Project	MBE	WBE
McCormack Future of Work*	5%	54%
City of Boston Engagement Center	7%	52%
Crocker Elementary School	5%	74%
McCormack Immediate Needs*	5%	29%
Camp Edwards Dining Hall Facility*	13%	18%
Camp Edwards BAT Trainer*	21%	56%
MAARNG Middleboro Roof*	9%	54%
Camp Edwards AASF Upgrades*	6%	30%
USACE Barnes Building Renovation*	4%	43%

* DCAMM projects

Saam's Teaming Approach

For the new DYS Regional Youth Services Center, Saam chose firms with whom we have well-established and successful experience. Because the City of Boston Engagement Center project has many similarities to this project, our core consultants (MEP, Structural, Code, and Specs) are from the same team, including the individual Saam and consultant team members. The narrative of Evaluation Factor 1 above describes our rationale for our selected Project Manager and Behavioral Health Consultant.

As a WBE firm known for advancing women in the architectural profession, Saam also recognizes the lack of MBE businesses in the industry, and proactively works to include MBE team members, both familiar and new to Saam. For this contract, Saam has selected the following MBE firms:

B+AC—Saam and B+AC were founded at nearly the same time, and we have had the opportunity to collaborate on more than ten projects since then, including the City of Boston Engagement Center and Crocker Elementary School.

Green International, the team's civil engineer, has a long history of working on state projects. Saam has most recently worked with Green on Massport's ARFF/CBP Station at Hanscom Field, the Shaw Hall Dining at Camp Edwards, and a renovation at the Barnes Building in Boston.

Dharam is a Boston-based estimating company that Saam Architecture has recently engaged on a state project. Their experience includes many state projects as well as work for DYS.

We routinely invite new consultants to join our team, consistently focusing on growing WBE/MBE/VBE relationships. For this contract, we are happy to include **Ground**, a WBE landscape firm with an exceptional design portfolio and strong Commonwealth experience. Saam welcomes the opportunity to collaborate with Ground.

Roles & Responsibilities

Saam's Principal-in-Charge, Diana Nicklaus, will lead the project, and ensure that the goals of each stakeholder are met.

Kristin Tedford, as Project Manager, will build upon her relationships with all of the stakeholder agencies and lead the consultant team.

Project Architect Chin Chin Yao will bring her experience with Boston DPH and MGL bidding to ensure a thorough and well-coordinated set of documents.

Teaming History	Saam Architecture	RMF Engineering	B+AC	Kalin Associates	EH&E	Green International	Jensen Hughes
USACE / DHS Renovation of the 7th Floor of the Barnes Building	x		x		x	x	
MA Air National Guard Barnes Gate Relocation	x	x	x	x		x	
City of Boston Engagement Center	x	x	x	x	x		x
City of Fitchburg Crocker Elementary	x		x	x	x		x

Key team members will have demonstrated experience in leading and facilitating projects which target high efficiency and climate resiliency in design and systems, including knowledge of Passive House and Net Zero building design principles, resilient design, considerations of site-specific resilience enhancements, decarbonization of fossil fuel systems, the integration of architectural elements and mechanical systems, and strategic electrification.

Saam's portfolio includes numerous LEED certified buildings as well as highly sustainable designs. Most recently, worked with the On the City of Boston Engagement Center, Saam, RMF, B+AC, and Kalin incorporated numerous sustainable design practices, aligned with City standards and initiatives. A few central strategies are noted below:

- Reduction of fossil fuel usage by being an all-electric building
- Renewable energy potential on site through a solar-ready roof structure
- Incorporation of water metering and low flow fixtures
- Implementation of underground water retention
- Utilization of energy modeling as part of the design process
- Selection of glazing materials in the clerestories that spread and maximized the daylighting
- Specification of energy efficient lighting fixtures
- MEP commissioning and building envelope commissioning
- Resilient siting per City of Boston



Boston Engagement Center, Boston, MA. (Saam, RMF, B+AC, Kalin, EH&E)
"You Are Loved" mural by Alex Cook. (Boston Public Art Commission)

RMF / Strategic Electrification

RMF has long term relationships working with institutional and public agency clients who are seeking to achieve carbon reduction goals. Their capabilities provide them with the full range of strategies needed to achieve a fossil fuel-free future. One piece of an integrated decarbonization approach includes Strategic Electrification, which is powering end uses with electricity instead of fossil fuels. When this electricity is derived from renewable sources like wind and solar, greenhouse gases and pollution are reduced.

One example of this is their work with Williams College in western Massachusetts. Starting with a Utility Master Plan, RMF evaluated the reliability, efficiency, and environmental impact of the existing utility infrastructure, and recommend improvements to achieve the goals established in the campus Climate Action Plan (CAP). With the expectation that all future buildings and building renovations would convert buildings to electric heat, significant burden would be placed on the college's electrical distribution system. RMF worked with Williams to identify areas that would address capacity including increasing the campus distribution voltage from 4.16kV to 13.8kV and possibly adding a second substation.

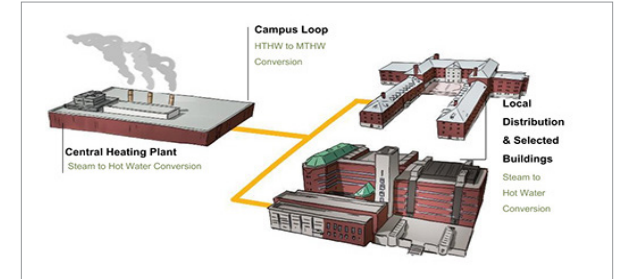
RMF / Decarbonization of Fossil Fuel Systems

RMF is known for their expertise in campus energy systems and has been fortunate to work with clients nationally on their decarbonization plans that include upgrades to both buildings and infrastructure to achieve a fossil fuel free future. During the execution of the contract, RMF focuses on reducing carbon emissions, and reducing energy consumption without sacrificing reliability with regards to the building and utility systems' ability to serve any facility. RMF has extensive experience in energy auditing and identifying methods for reduction in annual utility operating costs.

Working for DCAMM directly, RMF Engineers was hired to carry out an audit to identify Energy Conservation Measures for 35 buildings on the UMass Lowell campus. Over 146 cost effective energy conservation measures were identified, valued at \$24.6 million. A design build bridging document (35%) was prepared by RMF and competitive bids were solicited for implementation. RMF is currently working on Phase I of UMass Amherst's UMass Carbon Zero program which will include geothermal energy and converting campus thermal distribution to Low Temperature Hot Water. RMF is also the MEP engineer for a new residence hall for a confidential client which is being designed to achieve Passivhaus certification.

As part of their effort to enhance the sustainability of the Heating and cooling systems throughout campus, UMass Amherst engaged RMF to carry out a Sustainable Thermal Energy Storage (TES) Study that evaluated strategies including thermal storage tanks, CHW district Loops, and satellite heat.

Green was on the team responsible for the design of the Massachusetts Division of Fisheries and Wildlife Field Headquarters, the Commonwealth's first net-zero energy public building. Green has designed numerous LEED certified buildings, including Platinum certified buildings. Danielle Spicer, Green's civil engineering lead for this project is a LEED accredited professional and an ISI certified Envision Sustainability Professional (ENV SP) and has managed several projects recognized for sustainable design elements.



Decarbonization Roadmap Phase I, Brown University, Providence, RI. (RMF)