

1. Cover Page

ICON 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
101 Summer Street
Boston
Massachusetts

MA Licensed Architects: **21**
 # MA Licensed Engineers: **0**

 # Total employees: **40**
 # MA based employees: **40**

Principal-in-Charge
Ned Collier

Project Manager(s)
 Study: **Paul DiGiandomenico**
 Design: **Mark McKevez**

Secondary Office Address

Project Activity

Prime DBE Status

of Total Active Projects: 8
 Total ECC of Active Projects: \$79,010,922.00

 # of Total Active MA State Projects: 2
 Total ECC of Active MA State Projects: \$3,110,922.00

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

Team Composition	Team Contact	Firm Name	DBE Status	Registration
Architect	Ned Collier	ICON ARCHITECTURE	WBE	6560
Landscape Architect	John Amodeo	IBI PLACEMAKING	N/A	1122
Interior Designer	Shannon Wood	ICON ARCHITECTURE	WBE	N/A
Civil Engineer	William R. Maher, PE, LSIT	NITSCH ENGINEERING, INC.	WBE	41669
Electrical Engineer	Douglas Lajoie	CONSULTING ENGINEERING SERVICES, LLC	N/A	42533

Mechanical Engineer	Edward Wellington	CONSULTING ENGINEERING SERVICES, LLC	N/A	49341
Structural Engineer	Sofya Auren	RSE ASSOCIATES, INC.	MBE	48825
Specifications Consultant	Mark Kalin	KALIN ASSOCIATES INC.	N/A	4657
Cost Estimator	Noriko Hall	MIYAKODA CONSULTING	WBE MBE	n/a
MA Building Code Consultant	Kevin S. Hastings, P.E.	HASTING CONSULTING INC.	N/A	41651FP
Historic Preservation Consultant	Maureen Cavanaugh	PUBLIC ARCHAEOLOGY LABORATORY, INC.	N/A	no registration number
Hazardous Materials Consultant	Dustin Diedricksen	FUSS AND O'NEILL, INC.	N/A	AD000037
Trauma Informed Design Consultant	Janet Roche	JANET ROCHE DESIGNS, LLC	N/A	825163007

Client References**Comments**

Overall score: 4/4

Prepared By: **Tim Cummings**
Title: **Nashua Performing Arts Center**
Agency: **City of Nashua**

Consultant Project Completion Date:

They are the best Architecture Firm I have ever worked with and would absolutely use them again. Once of the major reasons why I am making this comment is because Ned Collier understands the public process and is very good at facilitation and consensus building. Often times when working with Designers I believe they are not budget conscience or are not truly listening to their client. This could not be further from the truth in my experience with ICON. Thank you.

Overall score: 4/4

Prepared By: **elayne campos**
Title: **Roxbury Community College**
Agency: **DCAMM**

Consultant Project Completion Date:

ICON Architecture has worked with DCAMM on numerous projects, including higher education work and office space. They are very responsive to the client agency providing a strong leadership role regarding design and execution. Their overall performance has met and often exceeded expectations.

Overall score: 4/4

Prepared By: **William Barletta, Facilities Director**
Title: **Fairbank Community Center Feasibility Study**
Agency: **Town of Sudbury Massachusetts**

Consultant Project Completion Date:

ICON worked exceptionally well for over a year with a variety of stakeholders; town staff, elected officials and citizen committees to formulate a successful, viable, commonly understood and widely supported feasibility study and estimate of probable cost. It should be noted that ICON is recognized as a firm that has been able to bring about this result where others have not. ICON is also recognized by all who worked with them as a firm and individuals who were able to listen, empathize, understand and provide needed feedback to create an excellent product. The process ICON facilitated not only produced a successful study but brought all stakeholders together in a way in which they had not been prior and in an excellent position to move the project forward.

Overall score: 4/4

Prepared By: **Lois Stanley**
Title: **Summer Classroom Upgrades**
Agency: **Brandeis University, Campus Operations**

Consultant Project Completion Date:

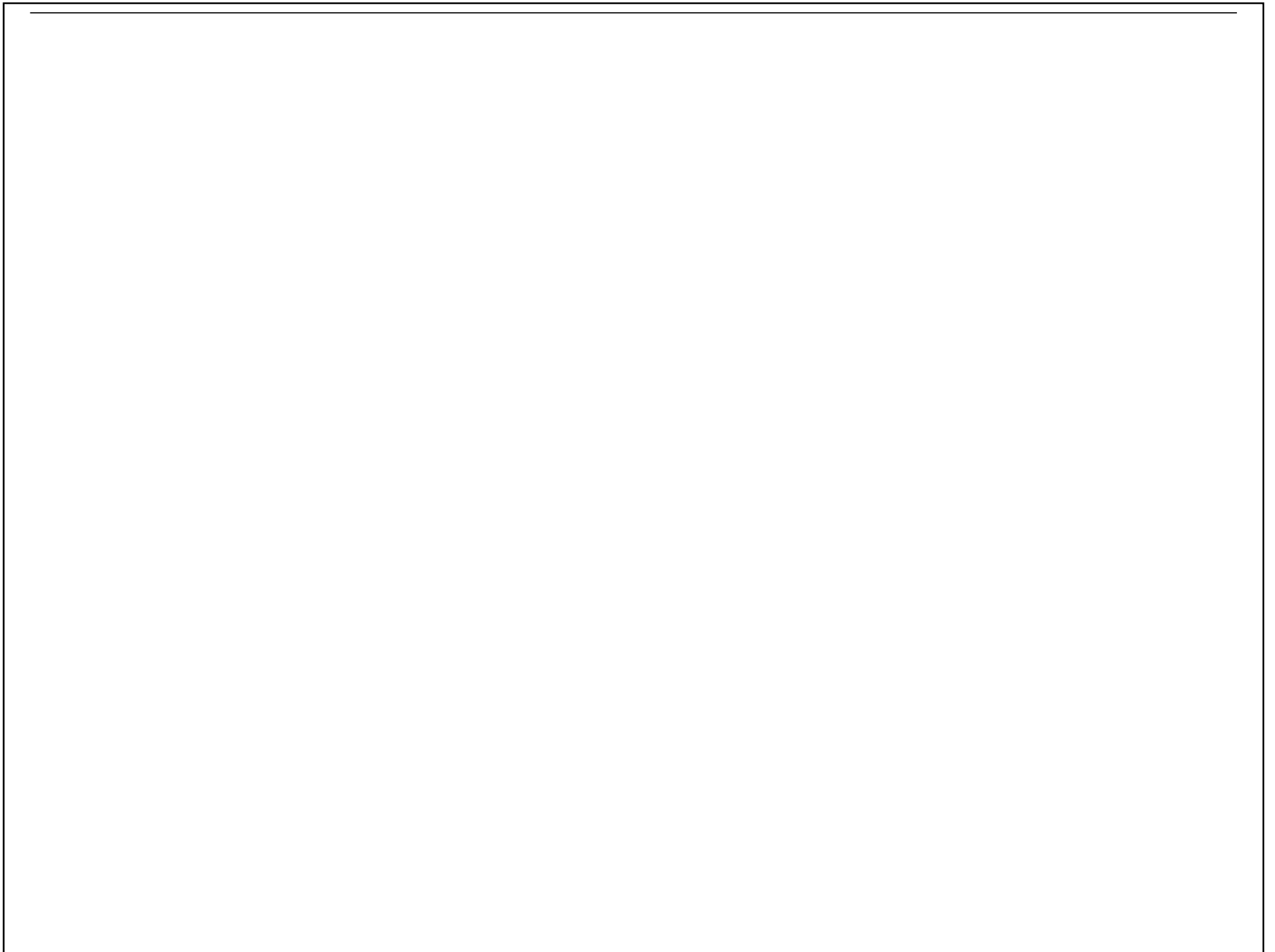
While I led campus and capital renewal planning at Tufts University, we brought in Icon to guide the design and renovation of multiple classrooms across campus, starting with scope development and outreach to gain input from instructors, significant coordination of technology and furniture, and supporting cost estimates throughout. Both projects, which spanned a year each, were successful. Icon's ideas were well received and the projects, both extremely complicated, were on time and on budget. I would hire them again in a heartbeat.

Overall score: 4/4

Prepared By: **Steven Tello**
Title: **M2D2 Innovation Hub UMass Lowell**
Agency: **University of Massachusetts Lowell**

Consultant Project Completion Date:

Worked with ICON on a \$5M wet lab/innovation space renovation project. We are very happy with the outcome, they worked closely with us throughout the design and build, and were most accommodating to changes and follow up after the project was handed over. Worked with other design firms and have not had such a positive experience as we did with Icon.



TEAM COMPOSITION

- Architecture: **ICON Architecture (WBE)**; Ned Collier AIA, LEED AP #6560
- Mechanical Engineer: **Consulting Engineering Services**; Delbert Smith PE, LEED AP #41215
- Electrical Engineer: **Consulting Engineering Services**; Douglas Lajoie PE, LEED AP, MCCPO #42533
- Structural Engineer: **RSE Associates Inc (MBE)**; Sofya Auren, P.E. #48825
- Civil Engineer: **Nitsch Engineering (WBE)**; William Maher, P.E. LSIT #41669
- Landscape Architect: **IBI Placemaking**; John Amodeo, FASLA-Elect, #1122
- Interior Design: **ICON Architecture (WBE)**; Shannon Wood, N/A
- Specifications Consultant: **Kalin Associates Inc.**; Mark Kalin, FAIA, FCSI, LEED AP #4657
- Cost Estimator: **Miyakoda (MWBE)**; Noriko Hall, N/A
- MA Building Code Consultant: **Hastings Consulting, Inc.**; Kevin Hastings, P.E., LEED AP #41651 FP
- Historic Preservation Consultant: **Public Archaeology Laboratory**; Maureen Cavanaugh, N/A
- Hazardous Materials Consultant: **Fuss and O'Neill, Inc.**; Jonathan Hand, AD900356
- Trauma Informed Design Consultant; **Janet Roche Designs**; Janet Roche LLC 82-5163007

3. Resumes

ICON Architecture

Architecture

Ned Collier AIA, LEED AP

Project Role: Principal-In-Charge

MA Registration Type and #:
6560

Years w/ Firm: 10.5
Total Years Experience: 35

Additional registrations / certifications:
NY, ME, RI, CT, NH, VT

Availability: 85%

Applicant Office Address

101 Summer St.
5th Floor
Boston, MA 02110

Ned Collier leads ICON's Education Studio + Institutional Practice. Much of his experience is directly relevant to the DYS Taunton project. He was the Principal-in-Charge and lead designer for the DYS Northeast Regional Youth Center and the DYS Statewide Facilities Master Plan. His higher education work includes campus planning, education and administrative facilities, dining and student centers, and residence halls. With youth, he has worked with Just-a-Start, a social services organization, on a teaching facility for their YouthBuild program and is currently working with Lawrence CommunityWorks designing a new home for their Movement City Youth Network.

Example experience applicable to DYS Taunton:

- **DYS Northeast Regional Center**, Middleton, MA: The Department of Youth Services is the juvenile justice agency of the Commonwealth of Massachusetts. Programs include residential, educational, recreational, and clinical facilities, and dining services. The building also houses the Northeast Regional Administrative Offices.
- **DYS Statewide Facilities Master Plan**, Division of Capital Asset Management & Maintenance: Facilities and Program Assessments and Master Plan for ten secure facilities in five State regions.
- **Regional Public Safety Center Study**, City of Lawrence, MA and Northern Essex Community College
- **Mass Maritime Academy**, Buzzards Bay: ABS Information Commons, Executive Education Center Study, Emergency Operations Center, Gym Study
- **Main Street Theatre Renovation/Addition**, Fitchburg, MA: 65,000 SF, \$50M Estimated Cost of Construction. Project includes the comprehensive renovation of a 1929 historic theater as part of the revitalization of downtown Fitchburg. The main theater will seat 1,200 and the black box theater will seat up to 200.
- **Fitchburg City Hall Campus**: 36,000 GSF renovation of an 1853 building and adjacent 1985 bank building.
- **Aquinnah Public Facilities**, Aquinnah, MA: The scope of the project includes renovations and additions to the old Town Hall, Town Offices, and Police Department.

ICON Architecture

Architecture

Mark McKeivitz LEED AP+

Project Role: Project Manager

MA Registration Type and #:
N/A

Years w/ Firm: 10
Total Years Experience: 16

Additional registrations / certifications:
N/A

Availability: 75%

Applicant Office Address

101 Summer St.
5th Floor
Boston, MA 02110

Mark is the lead architectural space programmer for the Educational Studio + Institutional Practice and brings steady direction early in a project. He has extensive experience working with existing buildings and works with Ned Collier on programming and schematic design and. He recently completed a programming project with Middlesex Community College for a phased project proposal that included six buildings over two campuses, totaling over 70,000 GSF. Mark worked with MCC leadership on the phasing, areas of occupiable rehabilitation, and helped them to understand the required enabling projects. Mark and Ned led the programming and design of the Springfield College Harold C. Smith Learning Commons. Early in the process, they identified which programs in the existing building needed to be relocated. They also developed enabling project programs for the outgoing departments and the Building Committee leadership agreed to and approved of the final building occupants. Mark worked with the Mass Maritime Academy on the creation of the Emergency Operations Training Center. MMA Faculty and ICON Architecture partnered on the architectural building program, which had to accommodate unique pedagogical requirements. The EOTC is a regional emergency training center focused on disaster simulation. Faculty run simulations from a "sim cell" observation space, while trainees and students address disaster simulation issues in the Emergency Operations Center, a technology-rich classroom, and the Incident Command Post, a more traditional classroom. All spaces are linked and can be observed from the Sim Cell.

Example experience applicable to DYS Taunton:

- **Harold C. Smith Learning Commons**, Springfield College, Springfield (MA): Transformation of a 1971 library into a contemporary Learning Commons.
- **Middlesex Community College**, Middlesex (MA): Building Conditions Assessments and Programming for Pollard, Talbot, Cowan Center, Federal Building, Derby Building, Bedford House, and South Academic Building, Building 2 and Henderson Hall. Programming, phasing and relocation totals over 70,000 GSF.
- **Mass Maritime Academy - Emergency Operations Training Center**, Buzzards Bay (MA): The center includes four spaces: Emergency Operations Center (EOC), Simulation Cell (SimCell), Conference Room, and the Incident Command Post (ICP).
- **Main Street Theatre Renovation/Addition**, Fitchburg, MA: 65,000 SF, \$50M Estimated Cost of Construction. Project includes the comprehensive renovation of a 1929 historic theater as part of the revitalization of downtown Fitchburg. The main theater will seat 1,200 and the black box theater will seat up to 200.

3. Resumes

ICON Architecture

Architecture

Paul DiGiandomenico AIA, MCPPO

Project Role: **Senior Project Manager**

MA Registration Type and #:
N/A

Years w/ Firm: 10
Total Years Experience: 30

Additional registrations / certifications:
2006/Architecture/VT #2868

Availability:75%

Applicant Office Address
**101 Summer St.
5th Floor
Boston, MA 02110**

Paul DiGiandomenico AIA, MCPPO, Senior Project Manager, Leading ICON's Quality Assurance and Quality Control program, Paul is a Sr. Project Manager that brings 30 years of experience in delivering complex projects. His extensive knowledge in building technology, construction documentation, public bid documents and construction administration in both the public and private sectors has made him the go-to person and leader within the education studio practice. Paul has managed numerous house doctor and on-call service contracts for state, municipal and educational facilities. His most recent work includes emergency repairs at Roxbury Community College, the restoration of Fitchburg City Hall, building assessment study at Middlesex Community College and renovation of the Oak Bluffs Town Hall.

Example experience applicable to DYS Taunton:

- **DYS Northeast Regional Center**, Middleton, MA: The Department of Youth Services is the juvenile justice agency of the Commonwealth of Massachusetts. Programs include residential, educational, recreational, and clinical facilities, and dining services. The building also houses the Northeast Regional Administrative Offices. **MGL Ch.149A**
- **DYS Statewide Facilities Master Plan**, Division of Capital Asset Management & Maintenance: Facilities and Program Assessments and Master Plan for ten secure facilities in five State regions. **MGL Ch.149A**
- **North Central Correctional Institute**, Gardner, MA: Certified study and a phased design of new mechanical ventilation and distribution systems in an existing 75,000 s.f active correctional facility, built in 1895. Other upgrades include electrical, fire protection, structural and security ceilings. **MGL Ch.149A**
- **Fitchburg City Hall Campus**: 36,000 GSF renovation of an 1853 building and adjacent 1985 bank building.
- **Oak Bluffs Town Hall**: 18,000 GSF renovation of a 1965 school building. The building is all electric/fossil fuel free. The building envelope design follows Passive House standards. When photovoltaic panels are installed, it will be net zero.
- **Cambridge Municipal Improvement Plan**, Cambridge, MA: Building assessment of 41 facilities for the development of a phased Capital Improvement Plan, greenhouse emissions reduction plan, and design and construction services for the City of Cambridge.

ICON Architecture

Architecture

Shannon Wood

Project Role: **Senior Interior Designer**

MA Registration Type and #:
N/A

Years w/ Firm: 1
Total Years Experience: 15

Additional registrations / certifications:
N/A

Availability:75%

Applicant Office Address
**101 Summer St.
5th Floor
Boston, MA 02110**

Shannon Wood is ICON Architecture's Senior Interior Designer. In her current role, she is leading the evolving interior design practice at ICON Architecture. She brings her formal education in Interior Architecture and years of interior design experience to ICON. Notably, Shannon was the lead on a project for the New England Center for Children – specifying new furniture and finishes for children with autism for both residential and educational facilities. She was involved in the new space plan layouts to improve functionality and programming as well as aided in the renovation planning for residential housing and commercial buildings. Shannon brings an expertise in cutting edge design and the collaboration with clients from concept to completion. Additionally, Shannon strategizes options to meet client budgetary needs while also maintaining the design vision.

3. Resumes

Consulting Engineering Services

MEP/FP Mechanical Electrical Plumbing Fire Protection Engineering

Douglas Lajoie PE, LEED AP, MCPPO
PRINCIPAL IN CHARGE
CHIEF ELECTRICAL ENGINEER

MA Registration
Professional Engineer (EE)
License #42533

Years with Firm **27**
Total Years Experience **35**

Additional Registration / Certs.
LEED AP, MCPPO

Availability **20%**

Applicant Office Address
128 Carnegie Row, Suite 204
Norwood MA 02062



Doug's Qualifications

Correctional Institutions
Experience with DCAMM
Healthcare Experience
Multifamily Experience
LEED AP, MCPPO

Relevant Experience

Chapel Haven | New Haven CT

CES provided MEP/FP services for this residential school/independent living facility for adult support services, including housing, classrooms, amenities and a new welcome center with retail space. This facility services adults with cognitive, behavioral, and addiction related disabilities.

Cornell Scott Hill Recovery Wellness Center | Multiple CT Locations

The Cornell Scott Hill Health Center provides affordable medical, dental, and behavioral health services. CES has completed 3 renovation projects and 1 new construction project for this healthcare agency from 2018 – 2023. New efficient MEP systems and lighting promote healthy and comfortable patient environments.

High Watch Recovery Center | Kent CT

High Watch is a residential medical facility providing treatment for substance abuse and psychiatric disorders. CES provided MEP/FP engineering services for the construction of a new dormitory with 38 patient rooms. Energy efficient features include geothermal, VRF, LED lighting and an emergency backup generator.

Whiting Forensic Hospital | Middletown CT

CES conducted a facility assessment for the existing hospital (45,000 sf) and 3 of the buildings at the CT Juvenile Training Center (60,000 sf). A report was completed documenting the existing condition of MEP and FP systems.

Consulting Engineering Services

MEP/FP Mechanical Electrical Plumbing Fire Protection Engineering

Delbert Smith PE, LEED AP
CHIEF MECHANICAL, PLUMBING / FIRE
PROTECTION ENGINEER

MA Registration
Professional Engineer (ME)
License #41215

Years with Firm **27**
Total Years Experience **35**

Additional Registration / Certs.
LEED AP, Certified Energy Manager

Availability **20%**

Applicant Office Address
128 Carnegie Row, Suite 204
Norwood MA 02062



Del's Qualifications

Correctional Institutions
Experience with DCAMM
Healthcare Experience
Multifamily Experience
CEM, LEED AP

Relevant Experience

Action Behavior Center | McKinney TX

Action Behavior Center specializes in helping children on the autism spectrum. CES provided MEP/FP services in the 8,000 sf renovation of office space.

Chapel Haven | New Haven CT

CES provided MEP/FP services for this residential school/independent living facility for adult support services, including housing, classrooms, amenities and a new welcome center with retail space. This facility services adults with cognitive, behavioral, and addiction related disabilities.

Cornell Scott Hill Recovery Wellness Center | Various

The Cornell Scott Hill Health Center provides affordable medical, dental, and behavioral health services. CES has completed 3 renovation projects and 1 new construction project for this healthcare agency from 2018 – 2023. New efficient MEP systems and lighting promote healthy and comfortable patient environments.

Hampshire County Jail | Northampton MA

CES assisted in the replacement of: HVAC units, temperature controls, emergency generator, fuel storage tank. Renovation of hot water distribution; replacement of building management control system; separated electrical emergency power into life safety and stand-by power; phased project; included main building, modular building and minimum security building.

3. Resumes

John Rabuck PE
PROJECT MANAGER STUDY
SR. MECHANICAL ENGINEER

Years with Firm **14**

Total Years Experience **34**

Additional Registration / Certs.
Professional Engineer WA

Availability **80%**

Applicant Office Address
128 Carnegie Row, Suite 204
Norwood MA 02062



John's Qualifications

Resident of Taunton
Correctional Institutions
Experience with DCAMM
Healthcare Experience
Multifamily Experience
Public Safety Experience

Relevant Experience

Cornell Scott Hill Recovery Wellness Center | Multiple CT Locations

The Cornell Scott Hill Health Center provides affordable medical, dental, and behavioral health services. CES has completed 3 renovation projects and 1 new construction project for this healthcare agency from 2018 – 2023. New efficient MEP systems and lighting promote healthy and comfortable patient environments.

Hampshire County Jail | Northampton MA

CES assisted in the replacement of: HVAC units, temperature controls, emergency generator, fuel storage tank. Renovation of hot water distribution; replacement of building management control system; separated electrical emergency power into life safety and stand-by power; phased project; included main building, modular building and minimum security building.

Henderson Behavioral Health | Fort Lauderdale FL

Henderson Behavioral Health includes over 32,000 sf of inpatient treatment and housing. The project includes twenty single occupant patient and group rooms, a consultation and court proceedings area, nurses stations, and sally port, and administration areas. MEP/FP systems include (10) new premium efficiency HVAC systems, high efficiency gas fired water heaters, and LED lighting sources.

Essex Correctional Facility | Middleton MA

CES performed a facility assessment of the existing condition of the mechanical, plumbing, fire protection, electrical power, lighting and fire alarm systems. The project included a report for the replacement of the roof and mechanical equipment.

Bradley Park
PROJECT MANAGER DESIGN
SR. MECHANICAL ENGINEER

Years with Firm **3**

Total Years Experience **15**

Additional Registration / Certs.

Availability **80%**

Applicant Office Address
128 Carnegie Row, Suite 204
Norwood MA 02062



Brad's Qualifications

Correctional Institutions
Experience with DCAMM
Healthcare Experience
Multifamily Experience
Public Safety Experience

Relevant Experience

Action Behavior Centers | Austin, Kingwood, McKinney, Wylie TX + Parker CO

Action Behavior Center specializes in helping children on the autism spectrum. CES has provided MEP/FP services for multiple renovation projects at the corporate headquarters and MOB locations including 8,000 sf office space, 37,900 sf medical therapy spaces.

Chapel Haven | New Haven CT

CES provided MEP/FP services for this residential school/independent living facility for adult support services, including housing, classrooms, amenities and a new welcome center with retail space. This facility services adults with cognitive, behavioral, and addiction related disabilities.

DCAMM North Central Correctional Institute | Gardner MA

CES performed a ventilation study and determined inadequate natural ventilation and mechanical methods for ventilation. The project involved MEP design services to improve mechanical and electrical equipment.

Essex Correctional Facility | Middleton MA

CES performed a facility assessment of the existing condition of the mechanical, plumbing, fire protection, electrical power, lighting and fire alarm systems. The project included a report for the replacement of the roof and mechanical equipment.

3. Resumes

RSE Associates, Inc.

Structural Engineering

Sofya Auren, PE

Project Role:

Principal in Charge

MA Registration

MA PE #48825

Years w/ Firm: 15

Total Years' Experience: 24

Additional registrations / certifications

NY PE #081045-1

Availability:

20% Availability

Applicant Office Address:

63 Pleasant St. Suite 300

Watertown, MA 02472



Experience and Qualifications Relevant to the Proposed Project

Sofya Auren is a structural engineer with over 24 years of experience in all phases of project development from feasibility studies and schematic design through construction administration services. She has done design work in concrete, steel, wood and masonry, as well as the renovation of existing structures and adaptive reuse. Sofya joined RSE Associates, Inc. in 2007, after working at Robert Silman Associates in New York City from 1998 to 2007. She has been responsible for a range of projects including renovations and new construction of museums, hotels, university buildings, residences, and office buildings.

Fitchburg City Hall

Structural Engineering for the renovations to the existing 38,000 GSF historic building originally built in the 1800's. The substantial structural alternations included removal, replacement and addition of floors, as well as the required seismic upgrades.

Oak Bluffs Town Hall

Structural Engineering for the \$12M gut renovation and addition to the existing building originally built in 1938, and significantly expanded in the 1960's. The design incorporates steel with the existing heavy timbers, including reuse of the existing glulam beams. The 16,000 gsf building envelope was upgraded to meet US Passive House Institute performance standards, and the all-electric building requires no fossil fuels.

Middlesex Community College Academic Arts Building

Structural Engineering for the adaptive reuse of the existing historic 1876 Boston & Maine Railroad Depot building to convert it into a performing arts venue. The 20,000 sf renewed structure is now part of the city's revitalized urban core with a 100-seat music recital hall, a dance studio and a 2-story, 177-seat theater.

3. Resumes

Nitsch Engineering, Inc.

Civil Engineering

William R. Maher, PE, LSIT

Project Role: **Civil Engineering Project Manager**

Years w/ Firm: **20**

Total Years of Experience: **37**

MA Registration: **Professional Engineer (Civil) #41669**

Other: **Land Surveyor-In-Training, #767**

Soil Evaluator, #SE1458

Title V System Inspector, #SI1851

Licensed Concrete Technician, #CTPR001443

Availability: **15%**

Applicant Office Address:

**Nitsch Engineering, Inc.
2 Center Plaza, Suite 430
Boston, MA 02108**

Middleton Jail, Inmate Services Building Replacement, Middleton, MA: Project Manager for civil engineering services for the Inmate Services Building of Middleton Jail Facility. Reviewed record documents and conducting interviews with facilities personnel staff for preparation of an existing conditions utilities report. Preparing conceptual design drawings of the site layout, grading, and site utility improvements. Preparing a Conceptual Site Engineering Narrative of Nitsch's site utility improvement recommendations and will update to reflect Client's preferred development alternative. Preparing final Conceptual Site Utility Plan reflecting Client's preferred development alternative. Reviewing cost estimates relative to Nitsch's site design elements for preferred option.

Haverhill District Court, Haverhill, MA: Project Manager for civil engineering services to support the development of a study for the Haverhill District Court Building and subsequent renovation of and addition to the existing courthouse. The project included reconstruction of the parking lot including striping and signage, regrading, and designing Americans with Disabilities Act (ADA)-compliant parking. Designed new utilities for the addition (drainage) and new gas and electric utilities (transformer and generator).

Wall Experiment Station, Lawrence, MA: Project Manager for civil engineering services related to the renovation of an existing building and a new building addition. Designed the site's utilities, including a new stormwater system that incorporates BMP design requirements and parking lot improvements. Also permitted the project with the City of Lawrence Conservation Commission. The project earned LEED Platinum certification.

3. Resumes

IBI Placemaking

Landscape Architecture

John Amodeo, FASLA-elect, Principal
Principal in Charge, Landscape Architecture
Years w/ Firm: **31**
Total Years of Experience: **41**
MA Registration: **Landscape Architect #1122**
Other: **LEED AP BD+C**
Availability: **30%**

Applicant Office Address:



21 Custom House Street, 3rd Floor
Boston, MA 02110

As a practicing landscape architect for more than 40 years, Mr. Amodeo has spent much of his career engaged in master planning and site design of projects on municipal campuses. He has experience with many local municipalities and cultural institutions and brings sustainable design experience to each of his projects. He is familiar with DCAMM, having worked on many projects under their management.

Mr. Amodeo collaborated on the historic renovation of the **Salem Probate and Family Court**; the scope of the project included a feasibility study through full design services, with the emphasis on preserving the building's historic architectural integrity, while upgrading the site to be fully compliant with current universal access regulations. The project preserves/restores the existing monumental stair, upgraded to code-compliant and historically compatible handrails, and created new switchback accessible paths to the main entry, integrated with the main façade. A new streetscape plan recaptured the historic character of the once-elm-lined boulevard on which the courthouse stands.

For the **Shattuck Hospital Master Plan**, Mr. Amodeo worked with the project team to help develop recommendations and master plan graphic for the future use of the 13 acres at Shattuck Hospital campus to account for public health needs of the population, low threshold housing, vendor programs/services, open space potential, and connections with adjacent Franklin Park.

Mr. Amodeo was the Project Manager for the site improvements to the **US Federal Courthouse** in Old San Juan, PR. The site serves as a major pedestrian and vehicular hub for historic Old San Juan and its waterfront. The site design addressed the security of judicial and prisoner access to the building; public and handicapped access around the building's steeply graded site; site lighting; and design solutions for various other site components appropriate to the building and its historic context. The site sits within the Old San Juan Historic District, and required design approval from local, province and federal agencies. The construction was implemented in phases while portions of the building remained in use.

IBI Placemaking

Landscape Architecture

Nicholas Healy, RLA
Project Manager, Landscape Architecture
Years w/ Firm: **18**
Total Years of Experience: **19**
MA Registration: **Landscape Architecture #4312**
Availability: **35%**

Applicant Office Address:



21 Custom House Street, 3rd Floor
Boston, MA 02110

Nick Healy has played a key role on a range of public and private sector development projects in the U.S. and abroad. From 2008 to 2010, he served as a key project team member of the firm's Abu Dhabi office where he was responsible for design studies, site related construction documents and specifications, supervision of site construction, consultant coordination, and client relations. Since returning, Mr. Healy has worked on local and regional projects for a range of project types including higher education and high school campuses, private urban developments, and healthcare campuses. His responsibilities include design development, presentation drawings, contract documentation, specifications, and cost estimating with a primary focus on project management and construction administration and supervision.

Mr. Healy assisted with the **Miami University of Ohio Western Campus Site Improvements** project, which integrates new development seamlessly with the existing fabric of both the Western Campus and the greater Oxford campus. The project was designed to strengthen the pedestrian experience of the Western Campus. The enhancement of the stormwater management for the campus was an integral component to create a park-like experience in the Western Campus.

3. Resumes

This optional layout can be used if desired to include two resumes on the same page. Delete this note when using this layout

Kalin Associates, Inc.

Service(s) Provided (Specification Consultant)

Mark Kalin, FAIA, FCSI, LEED AP

Specification Consultant

Years w/ Firm: 35

Total Years of Experience: 40

MA Registration: Architectural, #4657

Other: LEED AP

Availability: 20%

Applicant Office Address:

Kalin Associates Inc.

PO Box 420

Natick, MA 01760

KALIN ASSOCIATES
Architectural Specifications

Firm Qualifications: 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.

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)

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.

3. Resumes

Miyakoda Consulting, Inc.

Cost Estimator

Noriko Hall

Project Role: **Cost Estimator**

MA Registration Type and #:
82-4295111

Years w/ Firm: **9**
Total Years Experience: **28**

Additional registrations / certifications:
N/A

Availability: **100%**

Applicant Office Address
**PO BOX 120731
BOSTON MA 02111**

NORIKO HALL, FOUNDING PRINCIPAL brings over twenty-nine years of experience in cost estimating, working for construction management firms either as a Chief Estimator, Director of Preconstruction Services and at independent construction consulting firms as the Head Estimator. This breadth of experience provides her with a well-rounded view of construction and costs for all building types and programs.

She is well known as one of New England's premier estimators and cost consultants. She has been the recipient of Boston Business Journal's 40 under 40 Award, Greater Boston Chamber's Pinnacle Award for Emerging Executive and Women's Leadership Award from YWCA.

A graduate of Colby College and Northeastern University, Noriko is affiliated with multiple organizations and sits on many boards throughout Massachusetts.

Other Experience And Qualification Relevant To The Proposed Project:

- NEW CONSTRUCTION Freetown Fire Station; Freetown, MA
- RENOVATION / ADDITION Harwich Fire Station; Harwich, MA
- NEW CONSTRUCTION Hyannis Fire Station; Hyannis, MA
- NEW CONSTRUCTION / RENOVATION Mendon Police Department; Mendon, MA
- NEW CONSTRUCTION / REDEVELOPMENT Lakeville Police Department; Lakeville, MA
- FACILITIES UPGRADE McCormack Building; Boston, MA
- John Adams Courthouse; Boston, MA
- NEW CONSTRUCTION Worcester Courthouse; Worcester, MA
- RENOVATION / ADDITION Fitchburg City Hall; Fitchburg, MA
- RENOVATION Cambridge City Hall; Cambridge, MA
- REHABILITATION State House Coal Bin
- RENOVATION Taunton City Hall; Taunton, MA
- NEW CONSTRUCTION / RENOVATION Boston Police Headquarters; Boston, MA
- NEW CONSTRUCTION Quincy Public Safety/Police Station; Quincy, MA



3. Resumes

Hastings Consulting, Inc.

Code Consultant

Kevin S. Hastings, P.E., LEED AP

Code Consultant

Years w/ Firm: 4
Total Years of Experience: 24

MA Registration Fire Protection 41651

Other:

Availability: As Needed

Applicant Office Address:

142 Hanlon Road
Holliston, MA 01746

Kevin Hastings is a licensed fire protection engineer with over 20 years of expert code consulting experience. He is currently president of Hastings Consulting, Inc., a code consulting and fire protection engineering company he founded in 2017. Throughout his career he has worked on a wide range of project types throughout the United States and abroad. He has provided code consulting services for new construction and renovation projects at UMass Amherst, UMass Lowell, Bridgewater State University, Framingham State University, Westfield State University, Fitchburg State University, and Worcester State University among many other public and private institutions.



Education

Worcester Polytechnic Institute – B. S., Mechanical Engineering
Worcester Polytechnic Institute – M. S., Fire Protection Engineering

Work Experience

1996-2017
R. W. Sullivan Engineering, Boston, MA
Principal, Director of Code Department

2017 -Present
Hastings Consulting, Inc., Holliston, MA
President & Founder

Professional Registration

Professional Engineer - Massachusetts License No. 41651 (Fire Protection)

Certifications

Certified Building Inspector - Commonwealth of Massachusetts
ICC Certified Building Plans Examiner
ICC Certified Accessibility Inspector & Plans Examiner
LEED Accredited Professional

Committees

Massachusetts State Building Code (7th, 8th, 9th & 10th Editions) Existing Buildings Subcommittee
Massachusetts Architectural Access Board Subcommittee on Regulations, Chairman

Associations

National Fire Protection Association (NFPA)
Society of Fire Protection Engineers (SFPE)
International Code Council (ICC)
Salamander Fire Protection Engineering Society

HASTINGS CONSULTING

Building, Fire & Access Codes • Fire Protection Engineering

3. Resumes

The Public Archaeology Laboratory, Inc.

Historic Preservation

Maureen Cavanaugh

Project Role: Historic Preservation Specialist

Years w/ Firm: **11**
Total Years of Experience: **37**

MA Registration: **NA**

Other: **NA**

Availability: **25%**

Applicant Office Address:

The Public Archaeology Laboratory, Inc.
26 Main Street
Pawtucket, RI 02860

Ms. Cavanaugh is a leading authority on best practices for successfully navigating the complex historic preservation landscape and well-respected throughout the regulatory and development communities. She has a wealth of professional experience in developing environmental planning documents for an array of public and private real estate projects. She has special expertise in cultural resource management, historic preservation planning, state and federal rehabilitation investment tax credits, and preparation of environmental analysis and regulatory compliance documents for review by the National Park Service, Advisory Council on Historic Preservation, state historical commissions, and local planning boards and historical commissions.

Ms. Cavanaugh has served as Project Manager for numerous multi-disciplinary projects involving environmental review, planning, and cultural resources. She has extensive experience in implementing Section 106 of the National Historic Preservation Act, Chapter 254 of the Massachusetts General Laws, and related state and federal environmental laws, regulations, and guidelines affecting historic resources, including National Environmental Protection Act (NEPA) and the Massachusetts Environmental Policy Act (MEPA). Ms. Cavanaugh assists clients in meeting regulatory requirements through consultation with state and federal agencies and the preparation of environmental impact assessments and documentation, Section 106 and Section 4(f) evaluations, and memoranda of agreement. She has established working relationships with numerous municipal, state, and federal agencies, the development community, architectural and planning firms, and private organizations involved in cultural resource management.

Ms. Cavanaugh has teamed with developers and architects to complete numerous historic rehabilitation projects utilizing federal and state historic tax credits. Her familiarity with interpreting the Secretary of the Interior's Rehabilitation Standards and depth of experience working with State Historic Preservation Offices ensures the successful outcome of these and other types of historic building rehabilitation projects.

Ms. Cavanaugh has worked on projects throughout the Northeast and in New York, Pennsylvania, Kansas, Colorado, and Puerto Rico.

Ms. Cavanaugh is a recipient of the Paul E. Tsongas Award from Preservation Massachusetts for contributions to historic rehabilitation projects (2014) and the Niki & Paul Tsongas Award from Preservation Massachusetts honoring women in historic preservation (2016). She serves on several boards, including the National Park Service Boston Harbor Islands Partnership, appointed by the Secretary of the Interior. Ms. Cavanaugh meets the Secretary of the Interior's Qualifications as a Historic Preservation Professional (36 CFR 61).



3. Resumes

Fuss & O'Neill, Inc.

Hazardous Materials

Dustin Diedricksen

Associate | Department Head

Project Role: PIC/Project Designer

Years w/ Firm: 15

Total Years of Experience: 17

MA Registration: **2006 / Asbestos Project Monitor / AM041868**

2006 / Asbestos Inspector / AI041867

2010 / Asbestos Project Designer / AD00037

Availability: 10%

Applicant Office Address:

Fuss & O'Neill, Inc.

108 Myrtle Street, Suite 502

Quincy, MA 02171



Dustin is an Associate and the Environmental Department Head at Fuss & O'Neill. His background is in environmental management and sustainability with a focus on environmental toxicology. During his career, he has completed a wide range of consulting services on projects involving hazardous building materials abatement and indoor air quality. Experience includes inspection, management planning, and project design services for commercial, private, municipal, and residential clients. Dustin has prepared ASTM Environmental Transaction Screens and ASTM / AAI Phase I and Phase II Environmental Site Assessments throughout New England since 2004. Environmental investigations have been prepared for residential, commercial, and state owned properties. He has completed subsurface investigations to determine the nature and extent of chemical contamination and supervised the drilling and installation of groundwater monitoring wells.

Relevant Project Experience:

- DCAMM - Pittsfield State Office Building DD-CA Phase. Pittsfield, MA
- DCAMM - Middlesex County Sheriff's Department Billerica House of Corrections, Billerica, MA
- Inspections and Indoor Air Quality Investigation, Framingham Public Schools, Framingham, MA
- Detailed Hazardous Building Materials Inspection, Stratford Capital Group, Weymouth, MA
- Hazardous Building Materials Inspection, Waltham Watch Mill, Waltham, MA

Fuss & O'Neill, Inc.

Hazardous Materials

Jonathan Hand, Project Manager

Project Role: Project Manager/Hazardous Building Materials

Years w/ Firm: 10

Total Years of Experience: 14

MA Registration:

2012 / Asbestos Project Designer / AD900356

2008 / Asbestos Inspector / AI041945

2008 / Asbestos Project Monitor / MA, AM041946

Availability: 10%

Applicant Office Address:

Fuss & O'Neill, Inc.

317 Iron Horse Way, Suite 204

Providence, RI



Jon is a seasoned Project Manager and an Environmental Analyst with a background in environmental management. He has completed a wide range of environmental and hazardous building consulting services. Jon has worked on a variety of projects involving asbestos, lead-based paint, indoor air quality, PCBs, radon, and other hazardous materials in an inspectional, monitoring, and design capacity. He has provided these services for educational, commercial, private, municipal, and residential clients.

Relevant Project Experience:

- DCAMM, New Bedford Armory Roof, New Bedford, MA
- Tobin Vassal School Demolition, Cambridge, MA
- Westborough State Hospital Demotion,
- MSCBA - Fitchburg State University, MA - Landry Arena - Hazmat
- Former Dartmouth Police Barracks, Dartmouth, MA - Project Monitoring, Dartmouth, MA
- United States Coast Guard, Air Station Cape Cod, Hangar Reconfiguration, Bourne, MA
- Tobin Vassal School Demolition, Inspection, Design and Construction Administration, Cambridge, MA
- Water Street Sewer Pumping Station, HazMat Inspection, Plymouth, MA
- Fiske Elementary School, Radon Testing, Wellesley, MA
- Madison Park - Smith House Project Monitoring, Roxbury, MA

Paul Bateman, Scientist

Project Role: Asbestos Project Monitor/Asbestos and Lead Inspector

Years w/ Firm: **22**

Total Years of Experience: **22**

MA Registration:

2005 / Lead Inspector / 3571

2005 / Asbestos Inspector / AI071329

2006 / Asbestos Project Monitor / AM070532

Availability: **15%**

Applicant Office Address:

Fuss & O'Neill, Inc.

108 Myrtle Street, Suite 502

Quincy, MA 02171



Paul is involved in a variety of industrial hygiene and hazardous material programs for asbestos, lead, and indoor air quality. He conducts hazardous materials surveys, asbestos inspections, Phase Contrast Microscopy analysis, asbestos abatement project monitoring, lead-based paint inspections, and indoor air quality investigations. He is knowledgeable of sampling methodologies used for testing several contaminants in air, water, and soil. He performs these services on commercial, school, government, health care and residential facilities. Paul has performed comprehensive lead-based paint inspections on large-scale countrywide programs, such as the U.S. Department of Housing and Urban Development - Real Estate Assessment Center and Healthy Homes Survey, in five northeastern states and sampled for lead-based paint, arsenic, and various pesticides.

Relevant Project Experience:

- University of Massachusetts, Amherst, Historic Chapel Renovation/Restoration, Amherst, MA
- DCAMM - Pittsfield State Office Building DD-CA Phase. Pittsfield, MA Hazardous Building Materials, Pittsfield, MA
- DCAMM - Middlesex County Sheriff's Department Billerica House of Corrections, Billerica, MA
- University of Massachusetts, Dartmouth, Textile Bldg, SENG Bldg, Liberal Arts Bldg, Violette Research Bldg Labs, & Demo of 4 Dormitories, Dartmouth, MA
- Hazardous Materials Inspection, Fitchburg State University, Fitchburg, MA

Daniel LaFrance, PE, LSP, Project Manager

Project Role: Environmental Engineer/LSP

Years w/ Firm: **13**

Total Years of Experience: **13**

MA Registration:

2014 / Professional Engineer / 51019

2017 / Licensed Site Professional / 2375

Availability: **15%**

Applicant Office Address:

Fuss & O'Neill, Inc.

108 Myrtle Street, Suite 502

Quincy, MA 02171



Dan is a Project Manager and Licensed Site Professional at Fuss & O'Neill. He is experienced with assessment and remediation, geotechnical, facilities, solid waste, and natural resources projects. His primary focus is remediation of hazardous materials in the environment.

Dan has worked on operations for all phases of environmental projects from initial assessment through cleanup and long-term operation and monitoring. His experience includes public and private construction projects. Dan has been a member on the LSP Association since 2011. Currently, he is chairman of the Regulations committee where he was responsible for managing the Association's response to the proposed Mass Contingency Plan amendments.

Relevant Project Experience:

- University of Massachusetts, Amherst, Historic Chapel Renovation/Restoration, Amherst, MA
- 585 Commercial Street/Eliot School conversion from former police station, Boston, MA
- Gibbs School Renovation, Arlington, MA
- University of Massachusetts, Dartmouth, Textile Bldg, SENG Bldg, Liberal Arts Bldg, Violette Research Bldg Labs, & Demo of 4 Dormitories, Dartmouth, MA
- Site Assessment and Remediation, Coca-Cola Enterprises, Needham, MA
- Site Redevelopment, Former Nu-Style Facility, Franklin, MA

3. Resumes

Firm Name: Janet Roche Designs, LLC

Service(s) Provided: Trauma-informed Design Consulting

Janet, Roche, MDS

Project Role: **Trauma-informed Design Consultant/Inclusive Designer**

Years w/ Firm: **6**

Total Years of Experience: **30**

MA Registration: **LLC 82-5163007**

Other: **CAPS- Certified Aging in Place Specialist – Ongoing**

Licensed Real Estate Sales, MA – Inactive

Availability: **25%**

Applicant Office Address:

**136 Marlborough Street, Unit #1
Boston, Massachusetts 02116
617-755-7237**

janet@plansbyjanet.com

Janet Roche Designs, LLC, 2015 - Present - Boston, MA

Owner - Specializing in designing environments for Trauma, Universal Design, ADA standards, aging-in-place, and other human conditions (Autism, Alzheimer's, Cognitive Disabilities, PTSD, MS, ALS, Paraplegia, Audio & Visual Acuity, TBI, Stroke, etc.). Along using evidence based design, there is an examination of the biology, psychology, and sociology of needs to be addressed within the built environment.

Podcast:

Inclusive Designers™ Podcast (IDP) DBA, 2018 - Present - Boston, MA

Host, Co-founder, Co-writer & Co-producer - of the podcast Inclusive Designers. IDP is a collaborative forum for designers to share creative ideas and strategies for different human conditions in design. Advocacy and design for the human condition, are all included in these podcasts. As well as shared information on the website.

Organization:

Trauma-informed Design Society (TiDs) DBA, 2020 - Present - Boston, MA

Co-founder of the newly formed, and ground-breaking organization, to inform and share ideas with other designers of the importance of Trauma-informed Design (TiD).

Speaking/Presenting Engagements:

American Society of Interior Designers, (ASID) GATHER22, Miami, FL, (9/2022) Educational Pop-up Session. Speaking on the ASID Foundational Transform Grant for 2021; the research we did, and final outcomes from the project all with a trauma-informed design lens.

Educational Design Research Association (EDRA52, EDRA53) Virtual & In-person (2021, 2022): What is Trauma-informed Design; Trauma-informed Design and the Power of Play.

University of Texas (2021): Provided understanding of the impacts of human trafficking and best practice for a Texas State University 2022 senior class designing a 23,000 square foot, 3-story property for youth who were trafficked.

3. Resumes

Firm Name: Janet Roche Designs, LLC

Service(s) Provided: Trauma-informed Design Consulting

Christine, Cowart, MA

Project Role: **Trauma-Informed Design Consultant**

Years w/ Firm: **3**

Total Years of Experience: **22**

MA Registration: **N/A**

Other: **N/A**

Availability: **25%**

Applicant Office Address:

**1290 Carpenter Road
Charlotte, Vermont 05445
(732) 423-5709
cowartca@gmail.com**

POLICY MANAGER ♦ TRAUMA-INFORMED CONSULTANT ♦ CONTRACT SPECIALIST

Analytical, dually-certified trauma professional with extensive experience evaluating programs and policy proposals to determine their real-world practicality and effectiveness. Highly skilled in communicating complicated concepts simply and brokering compromises agreeable to all interested parties. Specialized focus in the organizational integration of trauma-informed approaches to build and enhance resilience.

Program Design & Implementation Program Management Contract, Grant, & Budget Development

Training Development & Delivery Policy Analysis Negotiation & Relationship Building

PROFESSIONAL EXPERIENCE

VERMONT DEPARTMENT OF CORRECTIONS

Policy Manager

Waterbury, VT

2022 – Present

Senior Policy and Implementation Analyst, 2021 – 2022

Policy and Implementation Analyst, 2015 – 2018

As a member of the Senior Leadership Team, manage the direction of Departmental policy and long-term planning and manage the development, revision, and implementation of rules, policies, and procedures to create systemic changes, including the implementation of correctional best practices and a trauma-informed approach.

- Administer multi-faceted projects and policy reviews, including the identification and adaptation of a validated, gender-responsive classification system and a complete restructuring of all healthcare services policies
- Review administrative processes and training, and develop policies that regulate daily operations, including:
 - Department mission and philosophy
 - Facility operations
 - Grievances and due process
 - Sentence computation
 - Management of food services
 - Community supervision

VT

Founder and Consultant

2019 –

Present

4. Prime Experience

ICON Architecture

Architecture

Project Team

Principal in Charge Ned Collier
Project Manager Paul DiGiandomenico

Date Completed: **2017**

Location: **Middleton, MA**

Construction Cost:
\$37M

Client Contact Info:

Joe Hogan
Director of Capital Planning (Retired)
617-548-9691
jfhoganjr57@yahoo.com



DYS NORTHEAST REGIONAL CENTER

Middleton, MA

The Department of Youth Services is the juvenile justice agency of the Commonwealth of Massachusetts. Their mission is to protect the public and prevent crime by promoting positive change in the lives of youth committed to its custody by partnering with communities, families, government, and provider agencies toward this end. They accomplish this mission through interventions that build knowledge, develop skills, and change the behavior of the youth in their care.

The building has a complex program of residential, educational, clinical, medical, food service, recreational, transportation, security control, staff, and administrative office facilities. Behavioral clinicians and medical professionals have complete facilities to provide mental and physical health care on site. Educational spaces and teaching methods are designed to mirror modern secondary school facilities.

The building design supports the DYS mission in several ways. The site is rural (cornfields and mature tree stands) and the building embraces a residential appearance (a DYS goal from the outset). The informal landscape uses native species and storm water is managed on-site through two large retention basins. Drawing on contemporary color theory for detention facilities, the interior color palette was developed from the surrounding plantings. Most importantly for the well-being of the occupants, the building is day lit nearly 90% of the time.

The building security system includes access control and intrusion detection, electronic door hardware, IP video surveillance of both interior and exterior spaces, an audio/video communication system, and a duress system. The Security Communications Center on the first floor supports two operators and serves as the main monitoring location for the entire facilities security system. In addition, each wing of the facility includes a security workstation dedicated to its associated access-controlled doors and IP cameras.



4. Prime Experience

ICON Architecture

Project Team

Principal in Charge Ned Collier
Project Manager Paul DiGiandomenico
Other Key Team Member(s)

Date Completed: **Ongoing**

Location: **MA**

Construction Cost: **Study**

Client Contact Info:

Joe Hogan
Director of Capital Planning (Retired)
617-548-9691
jfhoganjr57@yahoo.com

33 Gregory St.
Middleton, MA 01949



DYS STATEWIDE MASTER PLAN

Massachusetts

The Massachusetts Department of Youth Services' mission is to promote positive change in the youth in their care and custody and make communities safer. DYS employs a continuum model of services and supervision to address the educational, psychological and health needs of each youth in their custody. DYS operates residential programs, ranging from staff secure to hardware secure programs strategically located throughout the Commonwealth.

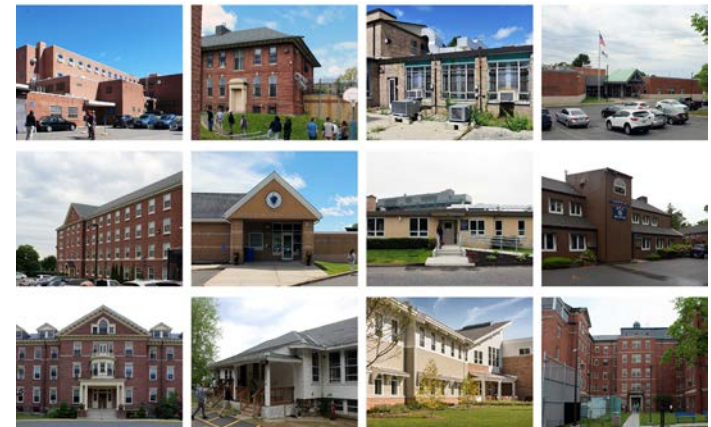
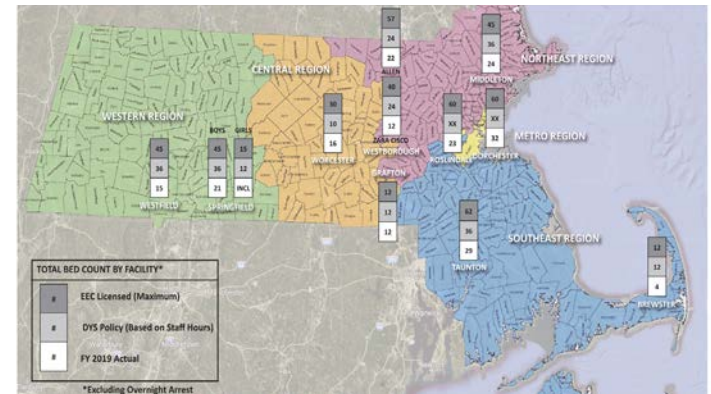
The key goal of the Facilities Master Plan is to evaluate and provide facilities that support the agency's mission. Resulting recommendations will take into consideration current and future needs, maximize the utilization of existing building portfolio, and provide built-in flexibility for the future, while keeping in mind underlying economic constraints and programmatic needs. ICON is engaged in a three-phase process:

- Phase 1: Facilities Conditions & Program Assessment and Analysis
- Phase 2: Strategic Plan Collaboration
- Phase 3: 10-Year Master Plan Report

Phase 1 was completed in 2020 and the planning process was put on hold due to the pandemic. A vast quantity of information on the existing facilities and programs was gathered and documented in Phase 1. The design team conducted concurrent physical facilities and program assessments for all ten secure facility campuses. A total of 30 buildings were assessed.

The programming master planning team interviewed representatives of each secure facility to evaluate the relative fit between DYS programs and the physical environments. Interviewees included regional and program leaders. Each program was reviewed by its constituent areas (Housing, Intake/Release, Education, Health Services, etc.).

Each program was evaluated and scored based on Environmental Conditions, Operational Performance, and Support of DYS Mission criteria.



4. Prime Experience

ICON Architecture

Architecture

Project Team

Principal in Charge Ned Collier
Project Manager Mark McKeivitz

Date Completed:
Main Street Theater:
In-Design

Location: **Fitchburg, MA**

Construction Cost:
Main Street: \$53M (In-Design)

Client Contact Info:
Jay Bry
Vice President of Finance and
Administration
(978) 665-3298
jbry@fitchburgstate.edu

160 Pearl St.
Fitchburg, MA 01420



Main Street Theater Restoration Fitchburg State University

The downtown Fitchburg Theater Block consists of a 2-story commercial building and a 1,751-seat performance/movie theater (referenced above). The theater opened on February 7, 1929, as a movie house with live (often Vaudeville) performances and a Wurlitzer Style 190-pipe organ. The last time the theater was used was the early-1980's, and it has deteriorated significantly since then. Thirty years later, the Fitchburg Theater Block was purchased by Fitchburg State University to create a performing arts center. The first phase of work was a physical assessment of the entire block and the development of a phased renovation plan. Phase One of the renovation, completed in the fall of 2018, is the FSU Game Studio + ideaLab.

Phase Two is the theater renovation, with an expected opening date of 2023. The lobby and audience chamber are being restored based on limited historic records. The stage will be a fully functioning performance venue with a restored fly-loft and modern theatrical equipment. The audience chamber seats 1,200 with 700 seats at the orchestra level and 500 seats on a mezzanine level. The orchestra and mezzanine seating can be separated by a curtain, creating a smaller performance venue. The Main Street storefronts are being combined to create an expanded lobby and function spaces. Additions on the east and west sides of the audience chamber will provide vertical circulation, loading dock/freight elevator, and corridors connecting the front and back of house spaces.



4. Prime Experience

ICON Architecture

Architecture

Project Team

ABS Information Commons 2011
Ned Collier - previous firm
EOTC 2021
Ned Collier, Mark McKevez
Executive Education Center Study 2020
Alumni Gym/Fitness Addition Study 2022
Ned Collier

Location: **Buzzards Bay, MA**

Construction Cost: **EOTC \$1M, Exec. Ed \$6M (Est.), Fitness Center \$20M (Est.)**

Client Contact Info:

Rear Admiral Francis X. McDonald,
USMS
President
fmcDonald@maritime.edu

Harrington - 1st Floor President's
Office
101 Academy Drive
Buzzards Bay, MA 02532



MASSACHUSETTS MUNICIPAL ACADEMY PROJECTS

Buzzards Bay, MA

Principal Ned Collier has been working with the Massachusetts Maritime Academy (MMA) since 2008, with a focus on campus planning and sustainable development. While with his prior firm, he completed the design for the award-winning LEED Platinum ABS Information Commons. After joining ICON, he secured a house doctor contract with the Academy and worked on a study for an Executive Education Center “campus gateway” addition to the Harrington Building. That study was followed by the design and construction of the Emergency Operations Training Center. Most recently, he provided a vision for a fitness center addition to the Alumni Gym.

ABS Information Commons – The program is dispersed on two principal floors with high ceilings and extensive views of the campus, the Academy’s training ship, and the Cape Cod Canal beyond. On the lower ‘deck’ is an open plan learning commons with student-centered flexible furniture to foster collaborative and social learning. On the upper ‘deck’ is the Academic Resource Center with flexible, technology-rich learning spaces. A ship bridge simulator and a smart classroom form a cylindrical object that runs through both floors.

The Emergency Management program’s educational coursework has been developed for each of three key concepts: hazard, risk, and disaster. The program component for hazard and risk consists of a framework that explores four states in assessment and management, including Risk Assessment, Control Analysis, Strategy Section and Implementation and Evaluation. In the case of disaster, the students study the different temporal stages in a disaster cycle, including Mitigation or Prevention, Preparedness, Response and Recovery. Located in the Harrington Building, the EOTC provides a teaching environment that simulates real EM Operations Centers.

Programming and Concept Design for an Executive Education Center addition and administrative building renovations to the Harrington Building at MMA. The Academy president has three project objectives: to create a campus gateway building as seen from Cape Cod Canal; to provide a large, flexible space for executive training, divisible into classrooms; to reprogram the three office and administrative floors of Harrington Hall to accommodate additional faculty offices and support spaces, as well as reconfiguring the administrative suites to be more welcoming.



4. Prime Experience

ICON Architecture

Architecture

Project Team

Principal in Charge Ned Collier
Project Manager Paul DiGiandomenico
Other Key Team Member(s)

Date Completed: **2015**

Location: **Lawrence, MA**

Construction Cost: **Study**

Client Contact Info:

One Ashburton Place
1 Ashburton Place 15th Floor
Boston, Massachusetts 02108

Elayne Campos
DCAMM
Elayne.campos@state.ma.us
(617) 727-4050



PUBLIC SAFETY TRAINING CENTER STUDY

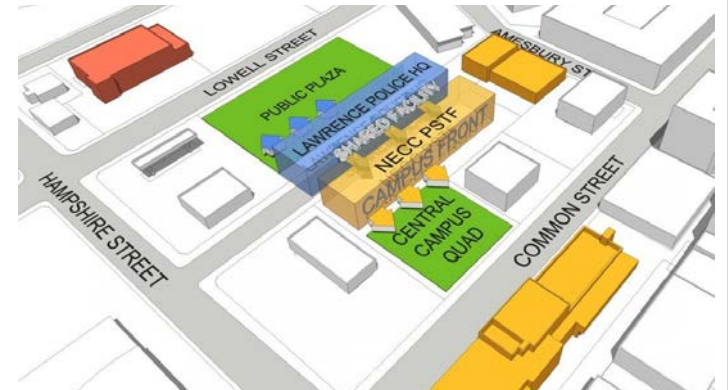
Northern Essex Community College

The City of Lawrence, Northern Essex Community College (NECC), the Municipal Police Training Committee (MPTC), and the Commonwealth of Massachusetts implemented a planning process to study 1) a new Lawrence Police Department (LPD) headquarters, as well as 2) the feasibility of creating a combined facility that incorporates a Regional Public Safety Training Center and the new Lawrence Police Department headquarters. The planning study had six goals:

1. Program Development: Identify / quantify needs of the Lawrence Police Department, MPTC, and NECC.
2. Site Analysis
3. Concept Planning: Develop building programs and site investigations
4. Concept Options / Site Planning: Develop design alternatives.
5. Cost Analysis
6. Schedule

The proposed Center is a first-of-its-kind partnership between the City of Lawrence, NECC, and the MPTC, designed to provide efficient, high-quality public safety training to meet the workforce needs of northeast Massachusetts. The Study recommends combining the Police Department and the Public Safety Center into a single facility to maximize building program synergies, shared building services, and economic benefits. The combined facility will feature:

1. A permanent location for on-going basic recruits training (police academies) for up to 200 cadets a year, provided jointly by the Massachusetts Municipal Police Training Committee and NECC.
2. An expanded Criminal Justice Program, offered by Northern Essex Community College, serving up to 500 students a year.
3. Ongoing veteran officer professional development and specialized training, provided jointly by the Massachusetts Municipal Police Training Council and NECC.
4. Ongoing reserve/intermittent officer training for part-time municipal police officers including reserve/intermittent basic officer training and annual professional development, provided jointly by the Massachusetts Municipal Police Training Council and NECC.
5. Additional college certificate and degree programs in areas such as Homeland Security and Peace Studies, serving up to 100 students a year.
6. Customized training and facilities rental for municipal police, state police, sheriff's departments, private security companies, federal agencies, TSA employees, and other organizations, provided by Northern Essex Community College.



4. Subconsultant Experience

Consulting Engineering Services

MEP/FP Mechanical Electrical Plumbing Fire Protection Engineering

Cornell Scott-Hill Health Center

Ansonia, Hamden, New Haven, West Haven CT

Project Team

Douglas Lajoie, PE, LEED AP, MCPPO
John Rabuck, PE, MCPPO

Construction Cost: **\$23 Million**

Date Completed: **Current**

Client Contact Info:

Cornell Scott-Hill Health Center
Shawn Galligan, Director of Purchasing
203 503-3557
sgalligan@cornellscott.org

Project Description

This nonprofit healthcare center provides affordable medical, dental, and behavioral health services. CES has four projects at four separate locations falling within the Cornell Scott Hill umbrella. All offices contain medical office space. The New Haven location offers residential living for 52 patients. New efficient MEP systems and lighting promote healthy and comfortable patient environments.

Project Relevance

Community Healthcare
Recovery Treatment Center
Behavioral Health Center
Residential Treatment
MEP/FP Design



Henderson Behavioral Health

Fort Lauderdale FL

Project Team

Douglas Lajoie, PE, LEED AP, MCPPO
John Rabuck, PE, MCPPO

Construction Cost: **\$11 Million**

Date Completed: **2019**

Client Contact Info:

Henderson Behavioral Health
John Aquino, Director of Administration
954 777. 1623

Project Description

The project includes twenty single occupant patient and group rooms, a consultation and court proceedings area, nurses stations, and sally port, and administration areas. MEP/FP systems include (10) new premium efficiency HVAC systems, high efficiency gas fired water heaters, and LED lighting sources. The requirements of AHCA and 2014 FGI Guidelines were used as the basis of most design and system decisions.

Project Relevance

Residential Behavioral Health Center offering psychosocial rehabilitation and alternatives to incarceration
Substance Abuse Treatment
Residential Treatment
Secure Areas
MEP/FP Design



Whiting Forensic Hospital

Middletown CT

Project Team

Douglas Lajoie, PE, LEED AP, MCPPO
Michael Bouchard, PE, LEED AP

Construction Cost: **\$11 Million**

Date Completed: **2019**

Client Contact Info:

SLAM Collaborative
Kevin Herrick, Principal
860 657. 8077
kherrick@slamcoll.com

Project Description

Whiting Forensic Hospital is a maximum security psychiatric facility. It provides treatment and evaluation services for youths and adults with mental health conditions involved in the criminal justice system. CES conducted a facility assessment for the existing hospital and three buildings consisting of the CT Juvenile Training Center. A report was generated documenting the condition of MEP and FP systems. CES has submitted on and is awaiting award of the construction portion of this project.

Project Relevance

Maximum Security Psychiatric Facility for individuals with mental health issues involved in the criminal justice system
Residential Treatment
Maximum Security
Behavioral Health Center
MEP/FP Design

4. Subconsultant Experience

Consulting Engineering Services

MEP/FP Mechanical Electrical Plumbing Fire Protection Engineering

Chapel Haven

New Haven CT

Project Team

Scott Sullivan, PE, LEED AP, MCPPO

Douglas Lajoie, PE, LEED AP, MCPPO

Construction Cost: \$34 Million

Date Completed: 2019

Client Contact Info:

Chris Ditrich

SLAM Collaborative

860 657.8077

cditrich@slamcoll.com

Project Description

CES met the fast-track design and construction schedule of this 77,700 sf, new construction project. MEP/FP system design includes: gas-fired condensing boilers and VRF cooling systems, dedicated outside air ventilation, a 300 Kw generator backup that will serve both buildings, fire suppression pumps and LED lighting. The VRF system is water cooled to facilitate future co-gen heating and power.

Project Relevance

Residential School + Independent Living Facility for adults (18+) with cognitive disabilities

MEP/ FP Design Services

Residential Treatment



Taunton State Hospital

Secure Women's Treatment

Taunton MA

Project Team

Douglas Lajoie, PE, LEED AP, MCPPO

Michael Walsh, PE, LEED AP, HBDP

Construction Cost: \$15 Million

Date Completed: 2016

Client Contact Info:

Karen Badalaty

State of MA

617 727. 4030

karen.badalaty@state.ma.us

Project Description

Taunton State Hospital Secure Women's Treatment Units offer treatment for women with substance abuse problems who are civilly committed under section 35. CES commissioned the systems of a 35,000 sf renovation to the addiction treatment center of Taunton State Hospital. The renovation included a third floor 15-bed unit as well as the first floor 30-bed unit. Upgrades included a CCTV system, panic buttons and various improvements to security and safety systems.

Project Relevance

Residential Addiction Treatment Facility for civilly committed women

Maximum Security

Behavioral Health Center

Substance Abuse Treatment



4b. Subconsultant Experience

RSE Associates, Inc.

Structural Engineering

Project Name: Oak Bluffs Town Hall
Location: Oak Bluffs, MA

Project Description:
Structural Engineering for the \$12M gut renovation and addition to the existing building originally built in 1938, and significantly expanded in the 1960's. The design incorporates steel with the existing heavy timbers, including reuse of the existing glulam beams. The 16,000 gsf building envelope was upgraded to meet US Passive House Institute performance standards, and the all-electric building requires no fossil fuels.

Project Relevance:
Collaboration with ICON Architecture. Renovation of existing building. Net zero, all electric building.



Date Completed: 2022
Principal in Charge: Sofya Auren

Cost: \$12,000,000

Client Contact Info:
Ned Collier, Principal
ncollier@iconarch.com
617-451-3333
ICON Architecture

Project Name: Lower Basin Barracks
Modernization
Location: Boston, MA

Project Description:
Structural Engineering for the modernization and expansion of the State Police housed in the historic 1908 Lower Basin Gatehouse. The renovation will respect the historic nature of the original building and the addition will provide approximately 4,000 sf of community and state police use.

Project Relevance:
Adaptive reuse to historic building with updated security measures and detention areas. DCAMM project.



Date Completed: November 2020
Principal in Charge: Sofya Auren

Cost: \$16,000,000

Client Contact Info:
Ellen Anselone, Principal
eka@faainc.com
617-227-9272
Finegold Alexander Architects

Project Name: Middlesex Community College
Master Plan
Location: Bedford, MA

Project Description:
Structural Engineering for a study for 4 existing buildings. These buildings are the oldest on the campus and the study will include conditions assessments. The study will also review the feasibility and long-term viability of renovations vs. new buildings.

Project Relevance:
Renovations and conditions assessment of existing DCAMM historic buildings. Collaboration with ICON Architecture.

Date Completed: July 2020
Principal in Charge: Sofya Auren

Cost: \$1,000,000

Paul DiGianomenico, Senior Project
Manager
pgiandomenico@iconarch.com
617-451-3333
ICON Architecture

Project Name: Springfield Technical
Community College Student Learning Commons
Location: Springfield, MA

Date Completed: September 2018
Principal in Charge: Sofya Auren

Cost: \$33,000,000

Client Contact Info:
Robert Carroll, Associate
bc@annbeha.com
617-338-3000
Ann Beha Architects

Project Description:
Structural Engineering for the \$33M renovations and upgrades to the existing 100,000 GSF historic building on the STCC campus which serves as the student learning commons. The existing building was originally an armory with unreinforced masonry, wood trusses and wood floors. Seismic upgrades were installed as part of the renovations

Project Relevance:
Renovation and restoration to historic building. DCAMM project. LEED Silver. Building designed for flexible spacing and use.



Project Name: MA Department of Youth
Services Capital Master Plan
Location: Boston, MA

Date Completed: June 2009
Principal in Charge: Sofya Auren

Cost: \$1,000,000

Client Contact Info:
Ryan Critchfield, Associate
212-563-9154
Ricci Greene Associates

Project Description:
Master Plan & Feasibility Study of 15 DYS residential facilities to establish a capital budget plan for the improvements (renovation and replacement) to meet the program needs.

Project Relevance:
Facilities planning for DYS facility. DCAMM project.

4b. Sub Consultant Experience

Nitsch Engineering, Inc.

Civil Engineering

Middleton Jail, Inmate Services Building Replacement

Location: Middleton, MA

Date Completed: Ongoing

Project Team: PM: William Maher, PE, LSIT;

PIC: Gary Pease, PE, LEED AP

Construction Cost: Unknown

Client Contact:

Chad Reilly, AIA, HDR Inc., (617) 357-7700, chad.reilly@hdrinc.com

Project Description:

Providing civil engineering services for the Inmate Services Building. Reviewed record documents and conducting interviews with facilities personnel staff for preparation of an existing conditions utilities report. Preparing conceptual design drawings of the site layout, grading, and site utility improvements. Preparing a Conceptual Site Engineering Narrative of Nitsch's site utility improvement recommendations and will update to reflect Client's preferred development alternative. Preparing final Conceptual Site Utility Plan reflecting Client's preferred development alternative. Reviewing cost estimates relative to Nitsch's site design elements for preferred option.

Project Relevance:

- *Provided civil engineering services*
- *Correctional facility project experience*
- *Experience working with DCAMM*



Chelsea Soldiers' Home

Location: Chelsea, MA

Date Completed: Ongoing

Project Team: PM: William Maher, PE, LSIT;

PIC: Gary Pease, PE, LEED AP

Construction Cost: Unknown

Client Contact:

Jennifer Hegarty, Payette Associates, Inc., (617) 895-1000, jhegarty@payette.com

Project Description:

Providing civil engineering services for Fire Alarm, Life Safety & Emergency Generator Upgrades. Also responsible for the utility design, construction administration, and permitting with the Chelsea Department of Public Works.

Project Relevance:

- *Provided civil engineering services*
- *Experience working with DCAMM*



Worcester County Jail and House of Correction

Location: West Boylston, MA

Date Completed: 2019

Project Team: PM: Chelsea Christenson, PE, CPSWQ, LEED AP BD+C; PIC: Gary F. Pease, PE, LEED AP

Construction Cost: \$20,000,000

Client Contact:

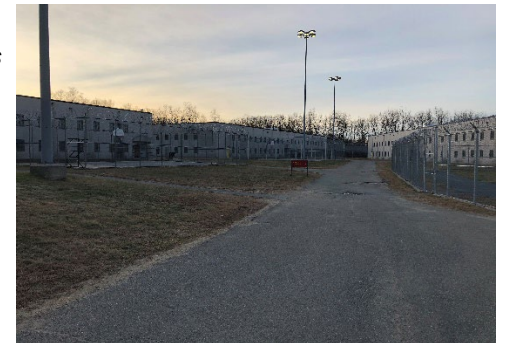
Kristine Gorman (formerly of STV, Inc.) Jacobs, (617) 242-9222, Kristine.Gorman@jacobs.com

Project Description:

Provided civil engineering services for the combined intake, medical, and regional lock-up at the Worcester County Jail and House of Correction. Observed current site surface conditions in order to identify constraints and issues related to site topography, site utilities, and site layout. Reviewed local bylaws and attended meetings with Town of West Boylston staff to determine permitting requirements. Reviewed State/Federal regulations pertaining to site permitting requirements.

Project Relevance:

- *Provided civil engineering services*
- *Correctional facility project experience*
- *Experience working with DCAMM*



4b. Sub Consultant Experience

Nitsch Engineering, Inc.

Civil Engineering

Department of Mental Health, Worcester
Recovery Mental Hospital
Location: Worcester, MA
Date Completed: 2012
Project Team: PM: Sandra Brock, PE, LEED AP
BD+C; PIC: Lisa A. Brothers, PE, ENV SP, LEED
AP BD+C

Construction Cost: \$302,000,000

Client Contact:

Peter Pogorski, AIA, LEED AP, Ellenzweig, (617)
491-5575, pogorski@ellenzweig.com

Project Description:

Provided civil engineering for 400,000 gross-square-foot psychiatric hospital that earned LEED Gold Certification. Worked with team during study phase; provided utility design, layout, and grading for the building and site; and designed stormwater system, including water re-use strategies and surface drainage features. The project was built under DCAMM's Construction Management at Risk model.

Project Relevance:

- *Provided civil engineering services*
- *Experience working with DCAMM*
- *Experience working with DMH*
- *Construction Management at Risk model*
- *LEED Gold Certification*



Wall Experiment Station

Location: Lawrence, MA

Date Completed: 2010

Project Team: PM: William R. Maher, PE, LSIT;

PIC: Lisa A. Brothers, PE, ENV SP, LEED AP

BD+C

Construction Cost: \$22,000,000

Client Contact:

Leslie Sims (formerly of Perkins & Will), AIA,
LEED AP BC+D, NBBJ, (617) 378-4800,
lsims@nbbj.com

Project Description:

Provided civil engineering services for the expansion and renovation of the historic Senator William X. Wall Experiment Station. Designed improvements to the parking lot and the site utilities, including a new stormwater system that incorporates BMP design requirements. Also permitted the project with the City of Lawrence Conservation Commission. The project earned LEED Platinum Certification.

Project Relevance:

- *Provided civil engineering services*
- *Experience working with DCAMM*
- *Historic facility*
- *LEED Platinum Certification*



4. Subconsultant Experience

Consulting Engineering Services

MEP/FP Mechanical Electrical Plumbing Fire Protection Engineering

Cornell Scott-Hill Health Center

Ansonia, Hamden, New Haven, West Haven CT

Project Team

Douglas Lajoie, PE, LEED AP, MCPPO
John Rabuck, PE, MCPPO

Construction Cost: **\$23 Million**
Date Completed: **Current**
Client Contact Info:

Cornell Scott-Hill Health Center
Shawn Galligan, Director of Purchasing
203 503-3557
sgalligan@cornellscott.org

Project Description

This nonprofit healthcare center provides affordable medical, dental, and behavioral health services. CES has four projects at four separate locations falling within the Cornell Scott Hill umbrella. All offices contain medical office space. The New Haven location offers residential living for 52 patients. New efficient MEP systems and lighting promote healthy and comfortable patient environments.

Project Relevance

Community Healthcare
Recovery Treatment Center
Behavioral Health Center
Residential Treatment
MEP/FP Design



Henderson Behavioral Health

Fort Lauderdale FL

Project Team

Douglas Lajoie, PE, LEED AP, MCPPO
John Rabuck, PE, MCPPO

Construction Cost: **\$11 Million**
Date Completed: **2019**
Client Contact Info:

Henderson Behavioral Health
John Aquino, Director of Administration
954 777. 1623

Project Description

The project includes twenty single occupant patient and group rooms, a consultation and court proceedings area, nurses stations, and sally port, and administration areas. MEP/FP systems include (10) new premium efficiency HVAC systems, high efficiency gas fired water heaters, and LED lighting sources. The requirements of AHCA and 2014 FGI Guidelines were used as the basis of most design and system decisions.

Project Relevance

Residential Behavioral Health Center offering psychosocial rehabilitation and alternatives to incarceration
Substance Abuse Treatment
Residential Treatment
Secure Areas
MEP/FP Design



Whiting Forensic Hospital

Middletown CT

Project Team

Douglas Lajoie, PE, LEED AP, MCPPO
Michael Bouchard, PE, LEED AP

Construction Cost: **\$11 Million**
Date Completed: **2019**
Client Contact Info:

SLAM Collaborative
Kevin Herrick, Principal
860 657. 8077
kherrick@slamcoll.com

Project Description

Whiting Forensic Hospital is a maximum security psychiatric facility. It provides treatment and evaluation services for youths and adults with mental health conditions involved in the criminal justice system. CES conducted a facility assessment for the existing hospital and three buildings consisting of the CT Juvenile Training Center. A report was generated documenting the condition of MEP and FP systems. CES has submitted on and is awaiting award of the

Project Relevance

Maximum Security Psychiatric Facility for individuals with mental health issues involved in the criminal justice system
Residential Treatment
Maximum Security
Behavioral Health Center
MEP/FP Design

4. Subconsultant Experience

Consulting Engineering Services

MEP/FP Mechanical Electrical Plumbing Fire Protection Engineering

Chapel Haven New Haven CT

Project Team

Scott Sullivan, PE, LEED AP, MCPPO
Douglas Lajoie, PE, LEED AP, MCPPO
Construction Cost: \$34 Million

Date Completed: 2019

Client Contact Info:

Chris Ditrich
SLAM Collaborative
860 657.8077
cditrich@slamcoll.com

Project Description

CES met the fast-track design and construction schedule of this 77,700 sf, new construction project. MEP/FP system design includes: gas-fired condensing boilers and VRF cooling systems, dedicated outside air ventilation, a 300 Kw generator backup that will serve both buildings, fire suppression pumps and LED lighting. The VRF system is water cooled to facilitate future co-gen heating and power.

Project Relevance

Residential School + Independent Living Facility for adults (18+) with cognitive disabilities

MEP/ FP Design Services

Residential Treatment



Taunton State Hospital Secure Women's Treatment Taunton MA

Project Team

Douglas Lajoie, PE, LEED AP, MCPPO
Michael Walsh, PE, LEED AP, HBDP

Construction Cost: \$15 Million

Date Completed: 2016

Client Contact Info:

Karen Badalaty
State of MA
617 727. 4030
karen.badalaty@state.ma.us

Project Description

Taunton State Hospital Secure Women's Treatment Units offer treatment for women with substance abuse problems who are civilly committed under section 35. CES commissioned the systems of a 35,000 sf renovation to the addiction treatment center of Taunton State Hospital. The renovation included a third floor 15-bed unit as well as the first floor 30-bed unit. Upgrades included a CCTV system, panic buttons and various improvements to security and safety systems.

Project Relevance

Residential Addiction Treatment Facility for civilly committed women

Maximum Security

Behavioral Health Center

Substance Abuse Treatment



4. Sub Consultant Experience

IBI Placemaking

Landscape Architecture

Salem Probate and Family Court

Salem, MA

Date Completed: **2017**

Project Team: **J. Amodeo, PIC;**
J. Law, PM

Construction Cost: **\$39.6 million**

Client Contact:

Paul Ford, PM, DCAMM

617.727.4030 x380

Paul.ford@state.ma.us

Project Description:

This project included a feasibility study through full design services, with emphasis on preserving the building's historic architectural integrity, while upgrading the site to be fully compliant with current universal access regulations. The project preserves/ restores the existing monumental stair, upgraded to code-compliant and historically compatible handrails, and created new switchback accessible paths to the main entry, integrated with the main façade. Continuous treeways with structural soils are

used to ensure the street trees remain vigorous. Native and salt-tolerant plant materials are able to tolerate the harsh urban and coastal setting.

Project Relevance:

Public project performed for DCAMM



Fall River Justice Center

Fall River, MA

Date Completed: **2010**

Project Team: **J. Law, PM**

Construction Cost: **\$49 million**

Client Contact:

Jenn Campbell, Sr. PM, DCAMM

617.727.4030

Jenn.campbell@state.ma.us

Project Description:

The design the site of a new state trial courthouse in the heart of Fall River. The site design features a fully accessible entry plaza with wide walkways, seatwalls, and a generous green space with trees and shrubs. The paving materials are simple and economical but the modern design uses a strong geometry that expresses elements of the architecture in the landscape.

The project received LEED Gold certification and received a BSA 2011 Accessible Design Award (Citation for Public Architecture) and a 2021 Accessibility Award.

Project Relevance:

Public project performed for DCAMM



Medfield State Hospital Strategic Re-Use Master Plan

Medfield, MA

Date Completed:

Project Team: **J. Amodeo, PIC**

Construction Cost: **N/A**

Client Contact:

In partnership with the planning team, IBI Placemaking developed the award-winning master plan for the reuse of the former Medfield State Hospital, an historic site on the National Register of Historic Places. In addition to the development of a vision for the reuse of the hospital site, the planning team was charged with the integration of new recreational facilities for the town into the adjacent landscape.

IBI Placemaking assisted in the incorporation of the new uses and structures into both sites, integrating the new with the old through considerations of placemaking, arrival, circulation, parking, and planting design.

Project Relevance:

Public project on historic property



U.S. Federal Courthouse Site Improvements

San Juan, Puerto Rico

Date Completed: **2000**

Project Team: **J. Amodeo, PM**

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

Client Contact:

James A Ball, US GSA

518.431.3480

Project Description:

Work for the US General Services Administration on site restoration of the historic United States Federal Courthouse in Old San Juan. Located near the San Juan Bay scenic waterfront and tourist district, the site serves as a major pedestrian and vehicular hub for the Old San Juan Historic District and its waterfront. The site design addresses the security of judicial and prisoner access to the building; public and handicapped access around the building's steeply graded site;

site lighting; and design solutions for various other site components which are appropriate to the building and its historic context.

Project Relevance:

Historic site consideration
Security and access



Fort Devens Medical Center and Federal Prison

Devens, MA

Date Completed: **1998**

Project Team: **J. Amodeo, PM**

Construction Cost: **\$5 million (site)**

Client Contact:

Peter Swift, Federal Bureau of Prisons

202.514.5942

Project Description:

Working with the project architects, IBI Placemaking provided site master planning, design, and construction services for the 300-acre FMC Devens Federal Prison and Medical Complex. Elements addressed in the plan included a psychiatric hospital, religious services, housing, administration buildings, and athletic facilities. Providing this amount of development on an environmentally sensitive site required care and precision to avoid adverse impacts on adjacent wetlands, a nearby national wildlife

refuge, a subsurface aquifer, and an historic viewshed. IBI Placemaking designed a sustainable site plan that consolidated all of the development on 45 acres of already cleared and disturbed land, allowing valuable wetlands, woodland, and wildlife habitat to remain undisturbed.

Project Relevance:

Corrections facility project site work



4. Sub Consultant Experience

This optional layout can be used if desired to provide a more succinct description for projects when a full page is not required. Delete this note if used.

Kalin Associates, Inc.

Specification Consultant

**NE Regional Youth Service Center, DYS
Middleton, Middleton, MA**

Middleton, MA

Date Completed: **2016**

Project Team: **Mark Kalin, FAIA, FCSI**

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

Client Contact:

ICON Architecture, Ned Collier

617-451-3333, Ncollier@iconarch.com

https://iconarch.com/

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.

(insert optional image / delete note)



**Milford Youth Center Renovations
Milford, MA**

Milford, MA

Date Completed: **2015**

Project Team: **Mark Kalin, FAIA, FCSI**

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

Client Contact:

OMR Architects, Marty Kretsch

978-264-0160

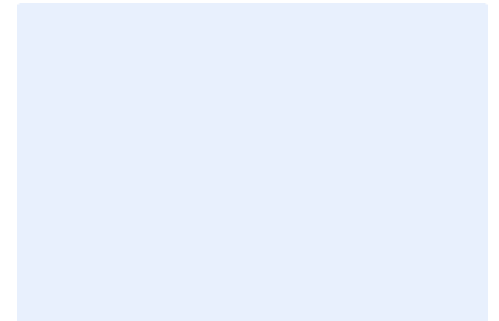
Project Description:

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.

(insert optional image / delete note)



DCAMM Rev9 Specification Standards

Boston, MA

Date Completed: **ongoing**

Project Team: **Mark Kalin, FAIA, FCSI**

Construction Cost: **varies**

Client Contact:

Kleinfelder

Simone Brogini, 617-497-7800

SBrogini@kleinfelder.com

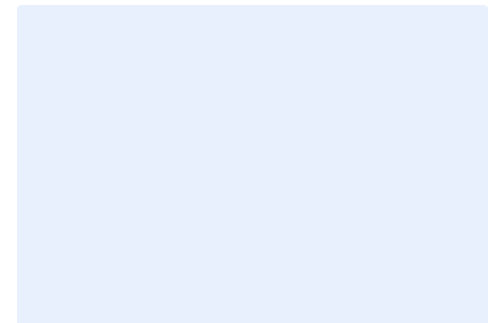
Project Description:

Updating current DCAMM master specifications.

Project Relevance:

MGL Chapter 149/149A, architectural specification writing, and coordination of team specifications.

(insert optional image / delete note)



Firm Name

Service(s) Provided (e.g. Architecture)

Fitchburg State University – Main Street Theater

Fitchburg, MA

Date Completed: **2022, estimated**

Project Team: **Mark Kalin, FAIA, FCSI**

Construction Cost: **\$36,000**

Client Contact:

ICON Architecture, Ned Collier

617-451-3333, Ncollier@iconarch.com

<https://iconarch.com/>

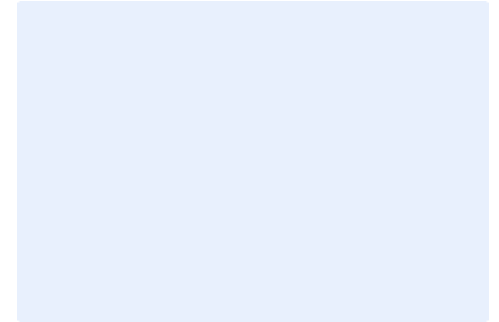
Project Description:

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.

(insert optional image / delete note)



NE Regional Youth Service Center, DYS Middleton, Middleton, MA

Middleton, MA

Date Completed: **2016**

Project Team: **Mark Kalin, FAIA, FCSI**

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

Client Contact:

ICON Architecture, Ned Collier

617-451-3333, Ncollier@iconarch.com

<https://iconarch.com/>

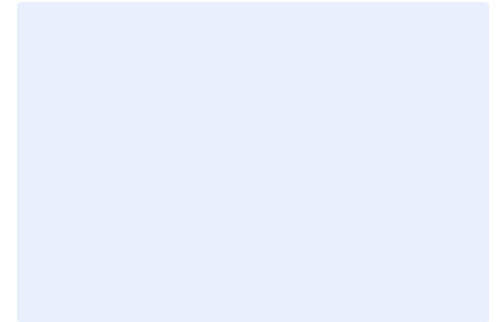
Project Description:

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.

(insert optional image / delete note)



4b. Sub-consultant Experience

Miyakoda Consulting, Inc.

Cost Estimator

Project Name: **Boston Police Headquarters**

Location: **Boston, MA**

Date Completed: **2020**

Key Members: **Noriko Hall**

Construction Cost: **\$85,000**

Client Contact Info:

Kaestle Boos Associates, Inc
Michael McKeon (508) 549-9906

Project Description:

Construction of a new addition, renovation and/or new construction of the Boston Police Headquarters

Project Relevance:

Cost estimating services.



Project Name: **Quincy Public Safety**

Location: **Quincy, MA**

Date Completed: **2025**

Key Members: **Noriko Hall**

Construction Cost: **\$69,000**

Client Contact Info:

Kaestle Boos Associates, Inc.
Todd Costa (508) 549-9906

Project Description:

Planning for a building that would house the police station and administrative offices for the fire department.

Project Relevance:

Cost estimating services.



Project Name: **Raynham Public Safety**

Location: **Raynham, MA**

Date Completed: **2024**

Key Members: **Noriko Hall**

Construction Cost: **n/a**

Client Contact Info:

CGA Project Management
Andy Digiammo (508) 644-8017

Project Description:

New construction of a public safety building (including police and fire station) and associated sitework.

Project Relevance:

Cost Estimating Services.



4b. Sub-consultant Experience

Miyakoda Consulting, Inc.

Cost Estimator

Project Name: **Worcester Courthouse**

Location: **Worcester, MA**

Date Completed: **2020**

Key Members: **Noriko Hall**

Construction Cost: **\$95Million**

Client Contact Info:

Architect: Shepley Bulfinch Architects

Project Description:

Construction of a new courthouse.

Project Relevance:

Cost estimating services.



Project Name: **McCormack Building**

Location: **Boston, MA**

Date Completed: **Est. 2027-2028**

Key Members: **Noriko Hall**

Construction Cost: **\$60 Million**

Client Contact Info:

Architect: Goody Clancy

Project Description:

Rehabilitation and facilities upgrade of the existing building at Post Office Square.

Project Relevance:

Cost estimating services.



4. Sub Consultant Experience

Hastings Consulting, Inc.

Code Consulting

Public Facilities Study

Town of Princeton

Date Completed: **2019**

Project Team: **Jones Whitsett Architects**

Construction Cost: **Study**

Client Contact:

Kristian Whitsett

(413) 773-5551

kw@joneswhitsett.com

Project Description:

Study of existing town buildings including town hall, police station, fire station, and the community center.

Project Relevance:

Public Facility



Boston Public Library

City of Boston

Date Completed: **2015**

Project Team: **William Rawn Associates**

Construction Cost: **\$78M**

Client Contact:

Sindu Meyer

(617) 423-3470

SMeier@rawnarch.com

Project Description:

Renovation of all public areas in the existing Johnson Building at the Boston Public Library's Central Branch.

Project Relevance:

Public Facility



Cambridge City Hall

City of Cambridge

Date Completed: **Current**

Project Team: **Johnson Rovers & Associates**

Construction Cost: **TBD**

Client Contact:

Jeffrey Davis

(617) 666-8585

jdavis@johnson-roberts.com

Project Description:

Renovation of existing historic city hall.

Project Relevance:

Public Facility



Public Facilities Assessment

Town of Medway

Date Completed: **Current**

Project Team: **Gorman, Richardson,
Lewis Architects**

Construction Cost: **Study**

Client Contact:

George O'Neil

(508) 544-2600

GOneill@grlarchitects.com

Project Description:

Existing building assessment for all buildings Public Facility owned by the town, including schools, police station, fire stations, town hall, senior center, etc.

Project Relevance:

Public Facility



Maintenance Staff Offices

UMass Amherst

Date Completed: **2018**

Project Team: **UMass Facilities**

Construction Cost: **Study**

Client Contact:

Robert Hartwright

(413) 531-3866

rhartwri@facil.umass.edu

Project Description:

Provide code review services to evaluate code issues of existing building spaces proposed for occupancy for maintenance staff offices.

Project Relevance:

Public Facility



4. Sub Experience

The Public Archaeology Laboratory, Inc.

Historic Preservation

Medfield State Hospital

Medfield, MA

Date Completed: **Ongoing**

Project Team: **D. Cox, PIC; M. Cavanaugh, PM**

Construction Cost:

Client Contact:

Abby Goldenfarb, Trinity Financial

617-720-8400

GoldenfarbA@trinityfinancial.com

Project Description:

Mixed-use redevelopment of former state hospital, including rehabilitation of 38 contributing buildings and sensitive new construction, in accordance with MHC/DCAMM MOA. PAL assisting with MHC, MEPA, and local historic district consultation and permitting; state and federal historic tax credits; archaeological survey; historical recordation of campus.

Project Relevance:

Former state hospital, DCAMM MOA, sensitive new design on historic campus, MHC consultation and permitting



Fairfield Hills

Newtown, CT

Date Completed: **Ongoing**

Project Team: D. Cox PIC, M. Cavanaugh, PM

Construction Cost:

Client Contact:

Matt Robayna, WinnDevelopment

617-742-4500

mrobanya@wincco.com

Project Description:

Affordable housing redevelopment of two dormitory buildings within National Register eligible former state hospital. PAL assisting with existing conditions assessment; development of historic regulatory permitting strategy; State Historic Preservation Office and Town consultation and permitting; state and federal historic tax credits, National Register of Historic Places nomination.

Project Relevance:

Former state hospital, SHPO and Town consultation and permitting



Taunton State Hospital Dam Removal

Taunton
Date Completed: **2013**
Project Team: **D. Cox, PIC; S. Cherau, PM**

Construction Cost:
Client Contact:
William Napolitano, SRPEDD
508-824-1367
bnap@srpedd.org

Project Description:

Historic and archaeological intensive surveys undertaken as part of State Hospital Dam removal project located within the Taunton State Hospital National Register District and Hopewell Mills National Rustier District. Assisted with identification of historic resources, definition of area of potential effects, assessment of direct and indirect impacts to significant historic resources; and design review of project alternatives to avoid or minimize adverse project impacts to historic properties and archaeologically sensitive areas.

Project Relevance:

Taunton State Hospital, historic survey, MHC and Taunton Historical Commission consultation



UMass Dartmouth Residence Hall

Dartmouth, MA
Date Completed: **2018**
Project Team: **D. Cox, PIC; V. Adams, PM**

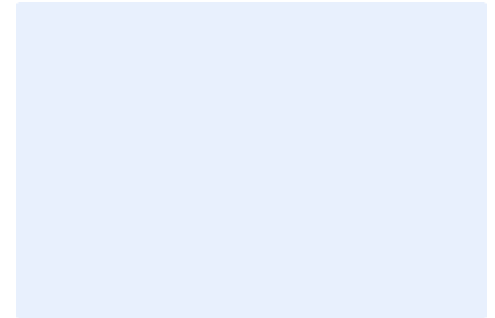
Construction Cost:
Client Contact:
Don Klema, DiMella Shaffer
617-426-5004
dklema@dimellashaffer.com

Project Description:

New residence hall and dining facility on Paul Rudolph-designed campus. PAL completed MHC PNF, archaeological assessment, and MHC consultation.

Project Relevance:

State campus, sensitive new design



Coyle School

Taunton, MA
Date Completed: **Ongoing**
Project Team: **D. Cox, PIC; A. Augenstein, PM**

Construction Cost: \$21m
Client Contact:
Keith McDonald, SCG Development
978-535-5600
KJM@scgdevelopment.co

Project Description:

Historic rehabilitation of former school located in local historic district. PAL assisting with MHC and Taunton Historic District Commission consultation and permitting; National Register of Historic Places nomination, historic tax credits

Project Relevance:

Located in Taunton; MHC and Taunton Historic District Commission consultation and permitting



4. Sub Consultant Experience

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Fuss & O'Neill, Inc.

Hazardous Building Materials and LSP Services

DCAMM - Pittsfield State Office Building DD-CA Phase

Pittsfield, MA

Date Completed: **2018**

Project Team: **Dustin Diedricksen**

Construction Cost: **\$8M**

Client Contact:

Kevin Riordon, AIA

413.733.6798

kevinr@dietzarch.com

Project Description:

Fuss & O'Neill provided the site civil design services for the Pittsfield State Office building. This includes the design development including repair and replacement of walkways, exterior stairs, ADA improvements, window well repairs and landscape architecture plan to restore areas of the site to current conditions.

Project Relevance:

- Experience working directly with DCAMM.
- Performed civil, and hazardous materials services and inspections.
- Multiple phase project.

(insert optional image / delete note)

DCAMM - Middlesex County Sheriff's Department Billerica House of Corrections

Billerica, MA

Date Completed: **Ongoing**

Project Team: **Dustin Diedricksen**

Construction Cost: **\$2.4M**

Client Contact:

Kerry Dietz, AIA, LEED AP

413.846.1006

kerryd@dietzarch.com

Project Description:

Fuss & O'Neill, Inc. is providing engineering and environmental consulting services associated with the removal and remediation of an underground storage tank (UST) located at the Middlesex County House of Corrections in Billerica, Massachusetts. This work is being performed under the House Doctor Request for Proposal (RFP) contract for the Division of Capital Asset Management & Maintenance.

Project Relevance:

- Experience working directly with DCAMM.
- Providing engineering and environmental consulting services.
- Multiple phase project.

(insert optional image / delete note)

DCAMM - Taunton State Hospital, Chambers Building

Taunton, MA for DCAMM

Date Completed: **Ongoing**

Project Team: **Dustin Diedrickson, Paul Bateman**

Construction Cost: **\$1K**

Client Contact:

Janis Mamayek, AIA, LEED

(617) 451-3333

Project Description:

Performed a limited hazardous building materials to facilitate accessibility upgrades to the toilet rooms, shower rooms, elevator controls, railings, and signage. Scope of work included locations identified in the (2015) Chambers Building Accessibility Audit & Remediation Analysis prepared by DCAMM.

Project Relevance:

- Experience working with ICON Architects
- Experience working directly with DCAMM.
- Performed full scope of hazardous materials services and inspections.
- Multiple phase project.

(insert optional image / delete note)

**Boston Police Station - Area E-5
Boston, MA**

Date Completed: **2017**
 Project Team: **Dustin Diedricksen PM,**
 Construction Cost: **N/A**

Client Contact:
CGKV Architects, Inc.
Ernie Vasquez

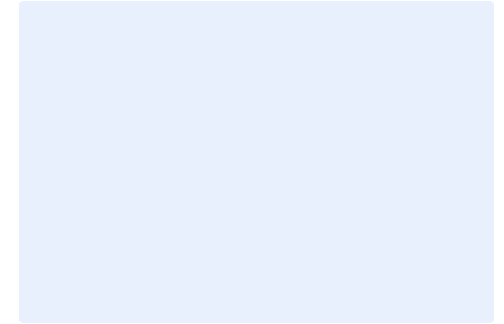
Project Description:

Fuss & O'Neill performed hazardous building materials design services at the Boston Area E-5 Police Station to replace the existing roof shingles, siding, and trim at the Area E-5 station, Center Street, West Roxbury, MA.

Project Relevance:

- Multiple phase project.
- Hazardous Building Materials Design

(insert optional image / delete note)



**University of Massachusetts, Amherst,
Historic Chapel Renovation/Restoration
Amherst, MA**

Date Completed: **2016**
 Project Team: **Dustin Diedricksen-Hazmat PM; Dan LaFrance, PE, LSP, Environmental PM; Paul Bateman, Scientist**

Construction Cost: **NA**
 Client Contact:
Regan Shields Ives, AIA LEED AP
617.227.9272
rshields-ives@faainc.com

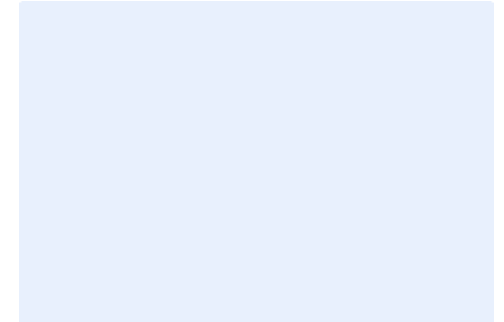
Project Description:

Full scope Hazardous Building Materials Consulting from inspections, design/specifications to reviewing contractors' submittals, construction administration/project monitoring, and re-occupancy clearances. The work on this 129 year-old bldg., including redoing the slate roof and gutting the interior. The project also included underground storage tank investigation.

Project Relevance:

- Experience with DCAMM
- Significant knowledge and Experience with Mass Higher Education facilities
- Multiple phase project.

(insert optional image / delete note)



**Taunton State Hospital, Chambers
Building
Taunton, MA**

Date Completed: **2019**
 Project Team: **Paul Bateman**
 Construction Cost: **\$2,544,013**
 Client Contact:

Janis Mamayek, AIA, LEED AP
617.451.3333 x112
jmamayek@iconarch.com

Project Description:

Hazardous Building Materials Consulting Services including inspections for asbestos-containing materials, Lead-based paint coated components, fluorescent light ballasts, and mercury-containing light tubes, switches, and equipment ahead of proposed renovations. Renovations addressed building accessibility upgrades to the toilet rooms, shower rooms, elevator controls, railings, and signage.

Project Relevance:

- Collaborated with ICON Architects
- Experience working directly with DCAMM Projects directly addresses types of projects for this House Doctor contract

4. Sub Experience

Firm Name: Janet Roche Designs, LLC

Service(s) Provided: Trauma-informed Design Consulting

Trauma-informed Design Consulting for Mixed-Purpose Facility for Connections for Abused Women and their Children

Chicago, Illinois

Project Team:

PIC: Armando Tobias

PM: Jackie Davis

Other key team members: Maya Królkowski
Janet Roche
Christine Cowart

Date Completed: Ongoing

Construction Cost: \$6,200,000.00

Client

Canopy / architecture + design
(312) 763-8005
atobias@canopy-chicago.com



Under the name Cowart Trauma Informed Partnership (COTIP), Janet Roche and Christine Cowart provided the Trauma-informed Design (TiD) framework for a new mixed-purpose facility for Connections for Abused Women and their Children (CAWC). CAWC provides a shelter for adults and children, counseling, advocacy, and a 24-hour hotline for people affected by domestic violence. They believe that all people have a right to violence-free lives and are committed to ending domestic violence. Using a self-help, empowerment approach, they work for social change through education, service collaboration, and institutional advocacy.

CAWC is dedicated to ending domestic violence, and recognizing that seventy percent of their clients are children, the organization delivers comprehensive services to adults and children alike. CAWC offers various programs, including the Humboldt Park Outreach Program (HPOP), a walk-in program that provides individual and group counseling to victims of abuse and their children, as well as enhanced children's therapeutic services. CAWC is also a collaborative partner in the West Side Domestic Abuse Project (WSDAP), an intervention program for men who batter.

CAWC acquired a new property in the East Garfield Park neighborhood of Chicago, to which they plan to relocate their administrative offices and transitional residences. A leading social impact architecture firm in Chicago, Canopy / architecture + design (Canopy) is providing the design of this new facility. Canopy was founded based on the notion that architecture can be used as a vehicle for positive change, and brings an expertise in multi-phase construction and major renovation projects; socially-driven, multi-unit housing; and community-based design for vulnerable groups and individuals.

Janet and Christine joined the team as trauma-informed design consultants, and used the TiD framework, grounded in the Substance Abuse and Mental Health Services Administration (SAMHSA) guidelines for a trauma-informed approach, to develop design recommendations intended to lower stress levels.

To do this, Janet and Christine developed an understanding of the community that would be using the space, and used that information and the TiD framework to develop evidence-based design recommendations. These recommendations were customized to stakeholders' expressed hopes, desires, and goals, and were developed to make the end users feel safe and secure within the space. Our team will remain involved throughout the project, to ensure successful implementation of the TiD approach, and has offered to consult through any post-occupancy review.

This is the same process we would use to develop an understanding of the clients and staff who will occupy the Department of Youth Services (DYS) facility, along with their hopes and goals for the new building, and provide customized design recommendations to ICON. Trauma-informed design is an emerging field, based in rapidly evolving neuroscience and other scientific research. Our method is to provide all possible applicable recommendations to improve the design from a trauma-informed perspective, along with the rationale for each.

We recognize that not all recommendations may be feasible for a particular project. Zoning, funding, program policies, and the comfort of the people who will be living and working in the space may render some of the recommendations impractical. As with trauma-informed care approaches, however, not all recommendations need to be applied to achieve the desired stress-mitigation benefits. After providing an exhaustive list of recommendations, our approach is to work with stakeholders to help identify the most vital recommendations for the project and provide consultation to ensure the design provides a safe and secure, non-triggering environment for staff and residents alike.

4. Sub Experience

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Firm Name: Janet Roche Designs, LLC

Service(s) Provided: Trauma-informed Design Consulting

TiDEvalK12: American Society of Interior Designers Foundation Transform Grant Project

Location: **Boston, Massachusetts**
Date Completed: **Ongoing (8/31/2022)**

Project Team:

J. Davis Harte, PhD
Janet Roche, MDS
Christine Cowart, MA
Molly Pierce, OTR/I

Construction Cost: **N/A**

Client Contact:

Matthew J. De Geeter, (202) 675-2379
mdegeeter@asid.org

Project Description:

The American Society of Interior Designers (ASID) Foundation awarded the Trauma-informed Design Society a \$30,000 grant to conduct a pilot project culminating in the creation of a tool schools can use to evaluate their physical space and identify changes that can lower the stress levels of students and staff. The eight-month grant project compiled research gathered from schools and designers, and it nearing completion and publication of the tool.

Project Relevance:

This research project was designed to use evidenced gathered from schools, in conjunction with our knowledge of trauma-informed care best practices, existing trauma-informed care organizational assessments, trauma-informed design frameworks, and existing design evaluation tools, to evaluate spaces and identify what design elements contribute to heightened stress levels, emotional dysregulation, and a higher likelihood of triggering experiences. This knowledge and understanding of TiD concepts will inform the recommendations the team makes for this DYS project.



Trauma-informed Design Society

Texas State University Trauma-informed Design for Survivors of Human Trafficking

Location: **San Marcos, Texas**
Date Completed: **12/6/2022**

Project Team:

Janet Roche, MDS
Christine Cowart, MA

Construction Cost: **N/A**

Client Contact:

Caroline Hill, (512) 245-2408
caroline_hill@txstate.edu

Project Description:

Provided understanding of the impacts of human trafficking and best practice for a Texas State University 2022 senior class designing a 23,000 square foot, 3-story property for youth who were trafficked. Then, reviewed the students' schematic designs and final design presentations for the facility, which included both program and residential space, and provided feedback on the designs from a trauma-informed design perspective. Our review was based on how well the designs mitigated potential triggers, maximized comfort, and centralized choice.

Project Relevance:

This project merged the trauma-informed care approach, the trauma-informed design framework, and showcased how developing an understanding of a community of users could inform design recommendations. Using our research into human trafficking, the ways in which it could be traumatic, and how survivors could be impacted, we were able to identify possible triggers in the designs prepared by students, and relayed that information in a way the young designers could understand and apply to improve their designs. This is the same process we would use to evaluate the designs prepared for the DYS facility.

Policy Manager for Vermont Department of Corrections

Location: **Waterbury, Vermont**
Date Completed: **Ongoing**
Project Team: **Christine Cowart**

Construction Cost: **N/A**
Client Contact:

Monica Weeber, (802) 598-4112
monica.weeber@vermont.gov

Project Description:

Manage the Policy Development Unit, oversee long-term policy planning and the development, revision, and implementation of rules, policies, and procedures to create systemic changes, including the implementation of correctional best practices and a trauma-informed approach.

Project Relevance:

This position provides Christine with a wealth of knowledge and understanding of the unique factors relevant to secure housing for justice-involved individuals, and the pathways to justice-involvement. This understanding is key to providing trauma-informed recommendations for a secure DYS facility that are realistic, given the sometimes opposing needs of security and a restorative and trauma-informed approach.

Clinical Therapist for Department of Youth Services

Location: **Roslindale, Massachusetts**
Date Completed: **1990**
Project Team: **Janet Roche**

Construction Cost: **N/A**
Client Contact:

Nancy McLean, (617) 727-7575

Project Description:

Provided clinical services to incarcerated youth at the Judge John J. Connelly Youth Center in Roslindale, Massachusetts.

Project Relevance:

Janet's background in social work, paired with her understanding of both design and a trauma-informed approach and experience with the DYS, makes her uniquely qualified for this project. She brings a keen insight into the perspectives of staff and clients, a passion for restorative justice, and a wealth of experience in designing for human health and accessibility.

ICON Architecture first began working with the **Department of Youth Services** on the new Middleton facility design in 2012, with the direction to steer away from an institutional feel, create a supportive environment for the youth and a secure workplace for employees. The team was challenged with re-imagining existing facility models and exploring different spatial possibilities through design to create a healthier environment.

The design solution reflects the department's philosophies and policies promoting positive change.

ICON's proposed team leadership for the Taunton project, Ned Collier and Paul DiGiandomenico, led the Middleton project from 2012 through its completion in 2017. In 2019, they began work on the DYS Statewide Facilities Master Plan. Phase 1 consisted of detailed facilities and program assessments of DYS's ten secure campuses, including Taunton. In parallel, DYS worked with a strategic planner to update their strategic plan. While the master planning process was suspended due to the pandemic, we are hoping it will restart this fall.

It would be an extraordinary opportunity for ICON, in concert with DCAMM and DYS, to be able to build on what was successful in Middleton and to make improvements based on new research and user experiences since the building was occupied, as well as incorporating the developing strategic and master plans.

1. ICON's design process begins with empathy. In becoming aware of the root causes of why people feel the way they do, we can better understand and provide creative design options that support health and well-being uniquely suited to the needs of the intended users. This is the process we followed in designing the DYS Northeast Youth Services Center in Middleton.

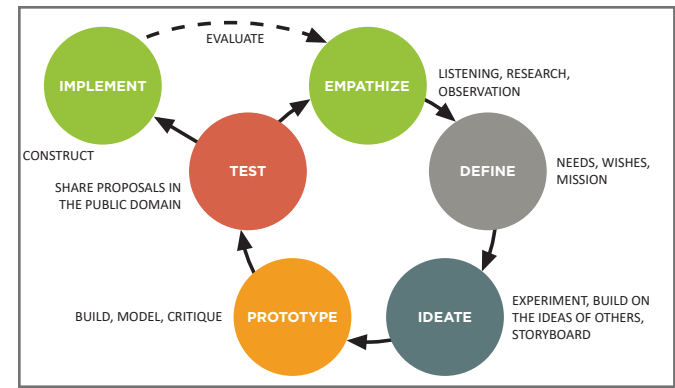
Innovative Design for Secure Environments

The DYS Northeast Youth Services Center has a complex program of residential, educational, clinical, medical, food service, recreational, transportation, security control, staff, and administrative office facilities. Behavioral clinicians and medical professionals have complete facilities to provide mental and physical health care on site. Educational spaces and teaching methods are designed to mirror modern secondary school facilities.

The building design supports the DYS mission *to promote positive change in the lives of youth committed to its custody* in several ways. The site is rural (cornfields and mature tree stands), but accessible to families. The building embraces a residential rather than institutional appearance (a DYS goal from the outset) consistent with the surrounding community. An informal landscape uses native species and storm water is managed on-site through two large retention basins. Instead of surrounding the entire site with a security fence, only the recreation yard is fenced. Exiting in an emergency leads to secure "porches" for each residential wing.

Drawing on contemporary color theory for detention facilities, the interior color palette was developed from the surrounding plantings. A large tree photo (from a nearby stand of trees) is the focus of the central hall. Residential corridor floor colors and patterns are inspired by fallen leaves. Ceiling heights were carefully considered to minimize the need for anti-ligature security ceilings and to bring light into the building with standard clerestory windows. Most importantly for the well-being of the occupants, the regularly occupied spaces are day lit nearly 90% of the time. Extensive daylight modeling informed window and clerestory sizes and locations. Tubular skylights were used in internal rooms and the gym. The windows were custom designed to provide security without any visible bars, preserving the residential aesthetic and eliminating the negative association of bars.

The building security system includes access control and intrusion detection, electronic door hardware,



OUR PROCESS BEGINS WITH EMPATHY



DYS MIDDLETON DAY ROOM



DYS MIDDLETON CENTRAL HALL

IP video surveillance of both interior and exterior spaces, an audio/video communication system, and a duress system. The Security Communications Center on the first floor supports two operators and serves as the main monitoring location for the entire facilities security system. In addition, each wing of the facility includes a security workstation dedicated to its associated access-controlled doors and IP cameras.

The building envelope was designed following Passive House standards and is photovoltaic panel ready.

Trauma-informed Design

We reached out to Janet Roche and Christine Cowart, co-founders of the *Trauma-informed Design Society* and would like to recommend that they join our team. Janet and Christine are trauma-informed care designers with a passion for restorative justice. We believe their input on the case studies, most specifically the DYS Northeast Youth Service Center designed by ICON, will be a valuable part of the study process.

The *Trauma-informed Design Society* is a transdisciplinary team with a focus on turning research into practice, and back into research. Located across the United States, the Society merges the co-founders' extensive experience in human services and interior design with an understanding of trauma science, to help organizations implement a trauma-informed approach in their services and create stress-reducing physical spaces.

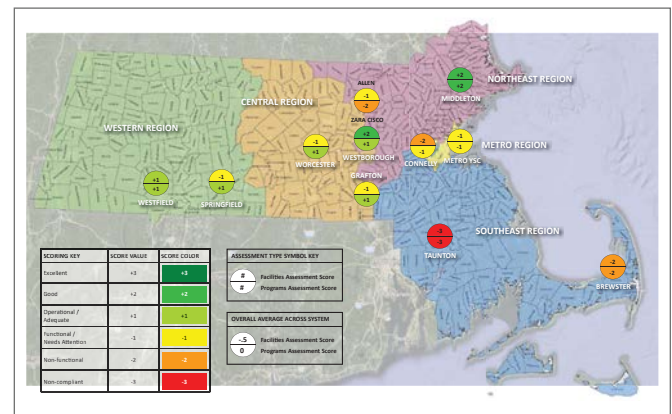
2. Many of ICON's institutional renovations involve historically significant buildings, often in urban contexts. Examples include Fitchburg City Hall (1853), the Fitchburg Theater Block (1929) with a contemporary addition, Blakeley Hall (1926) Carbon Neutral Study for Tufts University, and an addition to the North Quad (1905-07) complex at UMass Lowell. Ned Collier's work prior to joining ICON was primarily new construction exclusively on campuses, several

with historical significance. Example campuses Harvard University, College of Wooster, Norwich University, the University of Arkansas, Fayetteville, LaGrange College.

ICON's proposed Senior PM, Paul DiGiandomenico has led dozens of existing building assessments, including evaluations of the Goss and Murray Buildings as part of our Statewide Master Planning work with DCAMM and DYS. Our detailed assessments range from building envelopes to individual buildings to building portfolios (for example 43 buildings for the City of Cambridge and 10 DYS campuses for DCAMM).

Our project team and, specifically, our proposed MCPPO-certified Project Managers, are well versed in Massachusetts public construction laws. We have completed public college and university, municipal, and public-school projects that are bid under MGL Ch. 149 and Ch. 149A + M.G.L. Ch.30 Section 39M for public agencies such as DCAMM, MSBA, UMBA, the Cities of Boston, Fitchburg, and Cambridge. Additionally, we are currently working on public bid projects with the Town of Aquinnah (town hall and offices, police station, public facilities), and the MSCBA (FSU theater). The construction value of these projects ranges from less than \$1M to more than \$50M.

3. **IBI Placemaking** thoughtfully integrates landscape and architecture together as a key component of our projects. For the Shattuck Hospital Reuse Master Plan, the project focused on re-purposing the 13-acre campus to support the future public health needs of the surrounding community, with particular sensitivity to those suffering addiction disorder and the homeless population. The plan included accommodations for transitional housing, vendor programs and services as well as open space opportunities. The property is within the historic Emerald Necklace area and is adjacent to Franklin Park, both Olmsted-designed historic landscapes and designated Boston Landmarks. The site design and planning carefully integrated with these historic



DYS 2019 STATEWIDE MASTER PLAN (PHASE 1)
Facilities + Program Assessment Scores



DYS 2019 STATEWIDE MASTER PLAN (PHASE 1)
Surveyed Campuses



IBI PLACEMAKING | FORT DEVENS ENTERPRISE ZONE

properties and used grading, trees and plantings as a way to screen proposed buildings combined with curvilinear circulation routes to better integrate the site into its historic context.

IBI Placemaking worked on the Devens Federal Medical Center in the mid-1990s, beginning with site master planning, followed by design and construction for the entire complex. The 300-acre site on an historic view-shed was on an environmentally sensitive area and required a sustainable site plan to maintain the wetlands, woods, and wildlife habitat that existed. The plan included native plants and a bioengineering detention system and constructed wetlands.

In 1999, IBI Placemaking wrote the landscape and lighting zoning regulations, with an emphasis on sustainability and resilience, for the Devens Enterprise Zone, a municipality formed out of the decommissioned Fort Devens, a former US Military Base. Since 1999, IBI Placemaking has continued to work for the Devens Enterprise Commission, providing compliance review for all proposed development at Devens.

ICON Architecture

As noted above, Ned Collier, Senior Principal, has extensive experience working in campus contexts, often working to achieve campus sustainability goals. With ICON, he worked with Tufts University to determine how the renovation of an historic residence hall could contribute to the campuses carbon neutrality goal. Prior to joining ICON, he worked with the Massachusetts Maritime Academy on their award-winning LEED Platinum ABS Information Commons.

In Fitchburg, ICON is working in the Massachusetts Historic Commission nominated *Upper Common Historic District*. We recently completed the renovation of Fitchburg’s historic city hall campus and are currently working with Fitchburg State University on the restoration of the historic Fitchburg Theater Block with a modern black box theater addition.

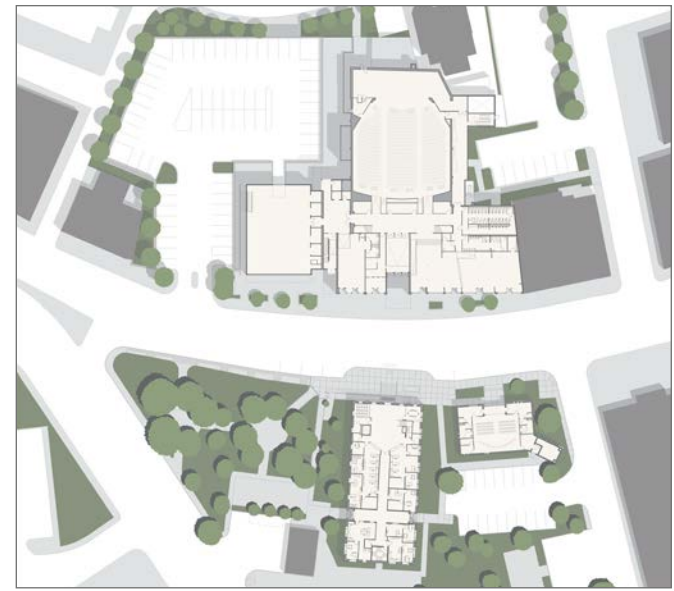
4. ICON Architecture has both increased and sustained attention to improving diversity and inclusion efforts to better connect with our employees, consultants, and the diverse communities for whom we design. Over the course of the last year and a half, ICON worked with Navigators’ Consulting to strategically put together a 24-month action plan to mobilize our DEI efforts which directly align with our office’s mission.

ICON is creating space for employees to explore the long-term impact of culture-shifting events and to support employees in making connections, fostering dialogue, and taking action around issues of race in their teams and in through design. As a **Women-Owned Business Enterprise**, ICON has a long-standing commitment to enhancing diversity in our office and in assembling our project teams. We have extensive experience addressing issues of inclusion as a woman-led firm, with over **60%** of the firm being women and **66%** women in ownership positions.

We believe valuing and embracing all voices, perspectives, and experiences is the best way to meet our mission and enhance our office culture, which in turn will positively impact the communities we serve. Our projects over the course of the last two-and-a-half years have met and exceeded DCAMM’s goals for diversity amongst our teams. With decades of work in the affordable housing arena, ICON Architecture has experience working with communities where class and race are integral parts of the conversation.

As we continue to learn and grow, our DEI initiatives have evolved with both leadership and staff advocacy, creating a culture that deeply cares about inclusivity. ICON knows architecture and design have roles in everyone’s day-to-day lives, and it is imperative that every voice is represented throughout the design process. The initiatives ICON has implemented ensure space for every individual to contribute collaboratively to the shared design mission.

As a part of our internal DEI action plan, ICON has



FITCHBURG CITY HALL CAMPUS + MAIN STREET THEATER



FITCHBURG THEATER BLOCK RESTORATION + ADDITION | FSU



ICON’S DEI EQUATION



ICON’S MENTORSHIP PROGRAM

created structure for our equitable practices that have been incorporated throughout our office policy. These policies continue to be updated accordingly in our employee handbook. The policies address pay equity, information sharing, and unconscious bias hiring protocols. We have implemented a four-fold mentorship program that ties into our DEI plan, as outlined further below. Our mentorship program ensures that every staff member is provided with the training, resources, and support needed to grow and succeed.

- **Diversity Mentoring** – Encompasses cultivating an inclusive workplace through employee resourced groups. Achieving diversity doesn't start and stop at equal numbers. To meaningfully support diversity, equity, inclusion, and belonging in the workplace, we start with our formal mentoring programs.
- **Career Mentoring** – One-on-one mentorship; the goals are to understand an employee's career objectives, and then work with them to help them achieve those goals.
- **Leadership Mentoring** – Connects employees interested in leadership roles with current firm leaders, offering them exposure to different areas of business as well as lessons learned.
- **Mentoring Circles** – Groups of employees who share common interests or learning objectives (i.e., Revit users, exam study groups, construction administration lunch and learns).

According to NOMA's 2020 Examination Report (National Organization of Minority Architects), approximately 22% of architects in the United States identified as a racial or ethnic minority. Of the 22% only 2% identified as Black or African American, and only 0.4% identified as Black or African-American women.

With such racial and gender disparity, our internal hiring team is committed to seeking out and hiring those with underrepresented backgrounds. We understand the value of all voices and how each voice un and innovative design

for all. To mentor and help Black, Indigenous, and People of Color (BIPOC) thrive in the industry, ICON has created internal protocol to foster partnerships and internships with external organizations, colleges, and universities, including Historically Black Colleges and Universities.

We are excited to be partnering with MassCEC this summer to host a BIPOC paid intern. This internship offers a BIPOC student experience in high performance architecture working with our Director of Sustainability, **Gabrielle Aitcheson**. The selected student is also part of ICON's mentorship program. We look forward to continuing and expanding these practices on an annual basis. We hope to see an outpouring of BIPOC interns turn into new hires, who can thrive and become leaders in our workplace.

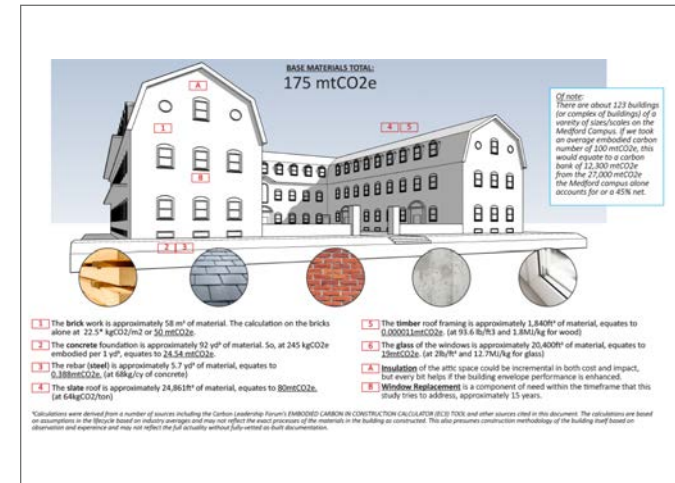
ICON nurtures longstanding relationships with consultant teams and aims for the team to be representative of the communities in which we work. We maintain an internal list of MBE, WBE, VBE, DBE consultants to draw from, dependent on the type or scale of the project. We also keep an open mind for new MBE, WBE, VBE, and DBE partners, to provide an opportunity for other diverse consultant teams to establish a professional repertoire with a client or typology.

When putting teams together, we are looking for like-minded professionals who are mission-driven and have demonstrated a commitment to collaboration, exploration, and the delivery of quality results. We frequently talk about "nimbleness" as an essential qualification to working with us. We have established successful working relationships across the design and construction industry, and we actively work to strengthen project relationships with current WBE/MBE/VBE/DBE consultants, and to increase the expertise and diversity of our consultant teams. Our emphasis on including a wide range of voices, viewpoints, and experiences is supported by diversity of team participants.

ICON frequently works in and with the **Gateway Cities**. We understand the important role these cities play in



OAK BLUFFS TOWN HALL RENOVATION | ALL ELECTRIC



BLAKELEY HALL EMBODIED CARBON STUDY | TUFTS UNIVERSITY



SARGENT COLLEGE OF HEALTH & REHABILITATION SCIENCES | BU 48

the economic and social health of their communities. We have institutional and/or multifamily residential projects in nearly all the Gateway Cities, including Fitchburg, Springfield, New Bedford, Brockton, Lawrence, Lowell, Holyoke, Quincy, Revere, Salem, Worcester, Taunton, Malden, Peabody, Haverhill, and Chelsea. **Community engagement is fundamental to our creative process.** We know how to move diverse stakeholders to clear consensus design solutions and successfully constructed projects. Designing for equity, inclusivity, and resiliency are essential aspects of our work with all these communities.

5. ICON is a regional leader in the application of Passive House building envelope standards. We have completed seven projects that are Passive House Certified or currently Pre-Certified, with another six Passive House projects in design. Virtually all of these projects are fully electrified or use gas for hot water only. WUFI modeling (dynamic simulations of coupled heat and moisture transfer) is becoming a standard ICON practice. External shading and daylight harvesting for workspaces are goals for our institutional projects. Occupant health and well-being are central design goals.

Example projects include:

- **Oak Bluffs Town Hall Renovation** - built to Passive House retrofit guidelines with continuous external insulation, air-tightness, triple-glazed windows with external shading, and minimal thermal bridging. The building is all-electric (no fossil fuels) and PV-ready (installation by town).
- **Blakeley Hall Renovation, Tufts University** - A study to determine the feasibility of the project meeting the university's carbon neutrality, reduced GHG emissions, and lower operational costs.
- **Sargent College Interior Renovation, Boston University** - LEED Gold interior (in construction). For LEED, the project focuses on material selection, sourcing, and specification.

IBI Placemaking

John Amodeo has overseen many of IBI Placemaking's projects with sensitive site design elements, he brings a sustainable focus and perspective to his work across all project types and scales. He was one of the first in the firm to become a LEED Accredited Professional. As the Principal in Charge of the Fresh Pond Reservation Northeast Sector Improvements in Cambridge, MA, Mr. Amodeo led the restoration efforts for the entire 162-acre preserve included 25-acres surrounding a drinking water reservoir. The plan included invasive species management, an environmental testing program, and a wet meadow to filter runoff and increase flood storage. Following the Master Plan, Mr. Amodeo was able to oversee the implementation of the plan.

Renovations at Neville Manor, an assisted living residence and skilled nursing facility located within the Fresh Pond Reservation required coordination with the improvements at the Reservation. The sustainable landscape aligned with the goals of the Fresh Pond Stewardship Plan and created year-round interest for residents, patients and families.

Mr. Amodeo has worked on many projects for the University of Rhode Island in Kingston, RI. Most notably has been his contributions to the development of the campus's North District. This district was organized around a landscape-based stormwater management system that includes seven existing buildings as well as three new buildings. This contributes to URI's ecological, educational, aesthetic and identity objectives for the district and creates a new image to support their sustainable and forward-looking economic development goals.

Nick Healy, the Project Manager for IBI Placemaking, has been working closely with Mr. Amodeo and the project team on The Christian Science Plaza Restoration and Repair project in Boston, MA. This project focused on enhancing the open space and pedestrian experience, improving environmental sustainability, and creating a plan to better utilize the property. The project included substantial below-grade



IBI PLACEMAKING | URI NORTH DISTRICT PLAN



IBI PLACEMAKING | URI CENTER FOR BIOTECHNOLOGY & LIFE SCIENCES



IBI PLACEMAKING | MIAMI UNIVERSITY WESTERN CAMPUS

infrastructure to sustainably manage stormwater and pool water. The historic plaza is a designated Boston Landmark and required approvals from the Boston Landmark Commission.

Mr. Healy has also worked with Mr. Amodeo at the University of Rhode Island on the Center for Biotechnology and Life Sciences, the first project in the North Campus sustainable development zone.

At Miami University of Ohio Mr. Healy worked with the team on improvements to the Western Campus. The team seamlessly integrated the Western Campus with the greater campus through enhanced pedestrian connections over new bridges. The team enhanced the stormwater management for the campus and integrated it to create a park-like experience for the users.

Consulting Engineering Services (CES)

Knowledge of Sustainable Systems

Nearly all of our projects feature sustainable design elements - from the incorporation of High Performance Building Design, to LEED certification and Net Zero buildings. Our firm strives to stay abreast of current certifications and trends, investing substantially in understanding the future of sustainable design and renewable energy. We have 15 LEED accredited professionals on staff, certified commissioning professionals, thermographers, HERS raters, and individuals certified in high-performance building design.

Renewable Energy Sources

CES has both IGSHPA and NABCEP certified designers on staff and is licensed to perform installations of both solar and geothermal systems.

Alternative MEP technologies for our projects are evaluated based on energy modeling results, maintenance costs, reliability and specific areas to be served. Criteria that will pull us toward or push us away from systems like these include the integrity of the envelope, space available, interior surfaces and noise they may reflect, and the structure's ability to

hold new heavy equipment.

Solar Energy

CES is an advocate of Solar Energy. In addition to the inclusion of both solar PV and solar hot water systems on many of our projects, CES has returned 105,000+ kWh to the grid at our Middletown headquarters.

Geothermal

CES has designed 6,000+ tons of geothermal throughout the United States. These systems are able to transfer heat to and from the ground with minimal use of electricity. Geothermal systems are environmentally friendly; they are a renewable energy source, and non-polluting.

High Efficiency MEP Systems

With sustainability at the core of our process, we consistently work to design safe, healthy and energy efficient building systems, researching the most cost-effective way to create an environment that is both energy and resource efficient. Every system component is analyzed for an opportunity to reduce overall energy consumption. From low power equipment to motion, light, heat and water sensors, our time spent reviewing existing conditions and making recommendations sets the stage for a successful energy efficient project. Recently, CES designed and commissioned a 36,000 sf High Efficiency Medical Office Building. The building features a geothermal system with 25 one hundred foot closed loop bores and 25 ground source water to air handling units. High efficiency MEP systems and low thermal transfer building envelope maximizes energy savings.

Climate Resiliency

We understand vulnerability to the effects of climate change and sea level rise and focus on resilient designs to mitigate those factors. CES has worked with communities across New England to understand their sustainability goals and resiliency plans in order to design building systems that will sustain natural events. Recently, in Cambridge, we worked on the development of 50 Rogers Street, a mixed-use residential building. This building was built to the

City's Climate Change Preparedness & Resiliency Plan (CCPR).

Passive House Design

We agree with the strategy of focusing on maximizing building envelope thermal performance. Even on projects that are not striving for Passive House certification, we work with architects to implement many of its principles to improve energy performance. Recently, CES completed a 2,500 sf residence and artist's studio that follows passive house guidelines for rigorous energy efficiency resulting in an ultra low energy building.

Net Zero

We have designed several buildings that are Net Zero or Net Zero-ready. CES has completed designs for 9 Net Zero projects. We are currently designing a net-zero ready elementary school in Swampscott, MA.

Decarbonization of Fossil Fuel Systems

De-carbonization of buildings is the first major step for Net Zero design and we have extensive experience with designing buildings that do not use fossil fuels. We are currently working with the City of Cambridge on their fire headquarters and the City of Lexington on their police and fire headquarters. Cambridge has a Net Zero Action Plan for all city owned buildings. These cities both practice a resiliency plan that requires all city-owned buildings meet zero carbon emissions. Both facilities will be zero carbon emissions and LEED Gold equivalent.

Strategic Electrification

Strategic electrification goes hand in hand with the elimination of fossil fuel usage in buildings. Shifting technologies that use fossil fuels like propane, natural gas, gasoline, or oil, to those that use electricity, can provide a net benefit when offset with renewable energy like solar, geothermal, and wind.