

1. Cover Page

STV INCORPORATED



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

**One Financial Center, 3rd Floor
Boston
Massachusetts**

MA Licensed Architects: **11**
MA Licensed Engineers: **51**

Principal-in-Charge
Frank Greene, FAIA, NCARB, IIDA

Secondary Office Address

Total employees: **2,056**
MA based employees: **110**

Project Manager(s)
Study: **Benjamin Lassel, AIA, NCARB**
Design: **Benjamin Lassel, AIA, NCARB**

Project Activity

Prime DBE Status

of Total Active Projects: 55
Total ECC of Active Projects: \$7,961,242,760.00

of Total Active MA State Projects: 33
Total ECC of Active MA State Projects: \$2,299,398,960.00

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

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

Team Composition	Team Contact	Firm Name	DBE Status	Registration
Architect	Jeff Hyman, AIA	STV INCORPORATED	N/A	Pending
Landscape Architect	David Kamp	DIRTWORKS LANDSCAPE ARCHITECTURE P.C.	N/A	4203
Interior Designer	R. Price Jepsen, AIA, NCARB, LEED AP BD+C, IIDA	STV INCORPORATED	N/A	30512

Civil Engineer	Preethi Sreeraj, P.E., LEED AP BD+C, ENV SP	STV INCORPORATED	N/A	52431
Electrical Engineer	Scott O'Meara, P.E.	STV INCORPORATED	N/A	54872
Mechanical Engineer	Michael Camoscio, P.E., LEED AP BD+C	STV INCORPORATED	N/A	50578
Structural Engineer	Nikola Nikolov, S.E.	STV INCORPORATED	N/A	52734
Specifications Consultant	Lars Hubbard	THE FRIDAY GROUP LLC	N/A	N/A
Cost Estimator	Lakshmi Sabbisetty	CITY POINT PARTNERS LLC	WBE	N/A
MA Building Code Consultant	Nate Birmingham, P.E.	CODE RED CONSULTANTS, LLC	N/A	48370
Historic Preservation Consultant	Lisa Howe	BUILDING CONSERVATION ASSOCIATES, INC.	N/A	N/A
Hazardous Materials Consultant	Kathleen Campbell, P.E., LSP, LEED AP, ENV SP	CDW CONSULTANTS, INC.	WBE	39420
Lead Planner	R. Price Jepsen, AIA, NCARB, LEED AP BD+C, IIDA	STV INCORPORATED	N/A	30512
Trauma Informed Design	Erin Persky, Assoc. AIA, CCHP, WELL AP	ERIN PERSKY AND ASSOCIATES	N/A	N/A
Acoustical Designer	Matt Lammers	SHEN MILSOM AND WILKE LLC	MBE	N/A
Audiovisual Designer	Alejandro Wong	SHEN MILSOM AND WILKE LLC	MBE	N/A
IT Specialist	Omar Alequin	SHEN MILSOM AND WILKE LLC	MBE	N/A
Security Designer	David Goetz, CPP, PSP	SHEN MILSOM AND WILKE LLC	MBE	N/A
Interior Design Support and Wayfinding Specialist	Leila Mitchell	LLM DESIGN, INC.	WBE MBE	N/A

2. Evaluations & References

Public Agency Evaluations	Evaluator Comments
<p>Overall score: 3.5/4</p> <p>Prepared By: paul.hession@pol.state.ma.us Title: GHQ Cafeteria Repurpose Agency: Massachusetts State Police</p> <p>Consultant Project Completion Date:</p>	<p>S.T.V peformed very well on this task.</p>
<p>Overall score: 4/4</p> <p>Prepared By: Title: L1366 Equipment Storage and Maintenance Facility Agency:</p> <p>Consultant Project Completion Date: 2021-03-08T00:00:00</p>	<p>Rob Rink and his team did an excellent job with the Program Definition Study for this large vehicle maintainance and storage facility.Their past experience with this type of facility provided helpful insight into key design issues.</p>
<p>Overall score: 3.5/4</p> <p>Prepared By: Title: SDW - West Boylston New Combined Intake, Medical Unit and Regional Lock-up (Study) Boylston Agency:</p> <p>Consultant Project Completion Date: 2016-10-17T00:00:00</p>	<p>The STV Project Manager was always extremely responsive to all requests made by DCAMM. Responses were provided and action was taken rapidly in all project management matters. It seemed that it was when others on the consultant team were given primary action or responsibility that quality and schedule began to suffer, which could be mitigated perhaps by more detailed review products delivered by design team members. DCAMM also recommends that an interim experienced Project Manager or Principal be responsible for the project when the primary Project Manager is unavailable going forward. The primary Project Manager was great to work with and demonstrated great command of the project management skillset.</p>
<p>Overall score: 3.5/4</p> <p>Prepared By: Title: SDW-West Boylston-New Combined Intake, Medical Uni Agency:</p> <p>Consultant Project Completion Date: 2016-10-17T00:00:00</p>	<p>Overall, I have a high level of confidence in the Consultant Team's ability to transform the final study design into Construction Documents rapidly and successfully.</p>

Overall score: **3.2/4**

Prepared By:

Title: **Multiple State Police Barracks- Cell Renovations**

Agency:

Consultant Project Completion Date: **2020-01-15T00:00:00**

Client References

Comments

Overall score: **4/4**

Prepared By: **Matthew Bessette, OPM**

Title: **MassMutual Center VAV Box Replacement**

Agency: **Massachusetts Convention Center Authority**

Consultant Project Completion Date:

STV, Incorporated provided engineering, design, and contract administration on a Chapter 149 project to replace sixty-six (66) VAV Box Units throughout the MassMutual Center Arena and Convention Center. Work included the demolition of existing systems, installation of new systems- including integration into existing building controls, and repair and refinishing of all disturbed areas to match existing. All work was completed in an open and operating facility, around the building's busy event schedule. Design started in October, 2018, and was bid in April, 2019. Construction Started in July, 2019, and was completed in November, 2019. STV was instrumental in completing this contract within the Authority's allotted schedule and project budget- with essentially zero Change Order activity.

Overall score: **3.7/4**

Prepared By: **Carsten Snow-Eikelberg**

Title: **Russell Apartments**

Agency: **Cambridge Housing Authority**

Consultant Project Completion Date:

STV was responsive to project needs, and made adjustments as new issues came up. They worked to maintain a good relationship with the contractor. Deliverables were on time and as expected.

3. RESUMES

STV

Services Provided: Principal-in-Charge

Frank Greene, FAIA, NCARB, IIDA

Project Role: **Principal-in-Charge**

MA Registration Type:
Architecture #6037

Years w/ Firm: **2**

Total Years Experience: **41**

Additional Registrations/Certifications:
National Council of Architectural Registration Boards (NCARB)

International Interior Design Association (IIDA)

Availability: **35%**

Applicant Office Address:
**225 Park Avenue South, 5th Floor
New York, NY 10003**

Mr. Greene, the architecture chief heading STV's justice practice, is an internationally recognized leader in the planning and design of courts, correctional facilities, and juvenile centers. He brings more than 40 years of experience in this specialized field, collaborating with owners, users, and surrounding communities to develop facilities that enhance the vitality of the civic realm and improve the public experience of the justice system. Mr. Greene began his career in Massachusetts, with early exposure to the need for improvements to justice facilities brought into sharp focus while implementing court-ordered upgrades to the former Deer Island Jail in East Boston, and to the Charles Street Jail in downtown Boston intended to correct security and humane standards deficiencies. Over the years he has maintained his ties to the Commonwealth, with planning contributions to courthouses in Plymouth, Salem, and Brockton. He applies leading-edge best practices to design responsive and restorative facilities that respect the dignity of detained persons and their families while also facilitating efficient and safe courthouse and correctional operations.

Project Experience

DASNY Suffolk County RTA Detention Facility Bridging Consultant Services | Lead Architect

Leading the planning and design team for the development of design-build bridging documents for a new Dormitory Authority of the State of New York (DASNY) juvenile detention facility in Yaphank, NY. As part of the State of New York's Raise the Age (RTA) program, the new 40-bed facility will house juvenile offenders, juvenile delinquents, and 16- and 17-year-old adolescent offenders, with 8-bed housing units providing separate age-appropriate settings for each group. The trauma-informed design approach is aimed to provide a therapeutic, healing environment and identity for the facility. Located on an existing Suffolk County jail campus, the new building will use campus food and medical services while maintaining separate entry and identity. The facility will be designed to meet LEED Gold performance requirements. Drawing on his extensive experience with previous RTA facilities in

New York and leading-edge juvenile facility design in New Jersey and elsewhere, Mr. Greene is supervising the development of a design solution that is specific to the challenges and constraints of the site.

CTDAS Bridgeport Superior Courthouse and Center for Juvenile Matters Design-Build | Planning and Design Principal

Led the design-build delivery of a new juvenile court with adjacent secure housing for 44 detainees on a riverfront site in downtown Bridgeport, CT, for the Connecticut Department of Administrative Services (CTDAS) Construction Services division. The site links the downtown to adjacent redevelopment areas and includes a new park at the edge of the Pequonnock River. With first floor elevations that accounted for the site's location within the 100- and 500-year floodplains, the design proved resilient against the rising waters in Superstorm Sandy — which came within feet of the building but never entered. The building continues a new model for secure housing for at-risk youth that was adopted by the state, and has allowed it to close outmoded, harsh facilities. The building was delivered on-budget and ahead of schedule, and anchored the redevelopment area.

NJDPMC Juvenile Justice Master Plan and Prototype Facility | Design Lead

Managed the programming and conceptual design of a prototype juvenile justice facility for the New Jersey Division of Property Management and Construction (NJDPMC). The three new 48-bed, community-based facilities would replace an outdated centralized building housing adjudicated youth and allow residents improved access to rehabilitative services in humane, restorative, and nurturing settings programmed to increase receptivity to positive change. The low-rise campus environment includes educational, vocational, and recreational facilities appropriate to the developmental needs of young people.



3. RESUMES

STV

Services Provided: Project Management

Benjamin Lassel, AIA, NCARB

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

MA Registration Type:
Architecture #952012

Years w/ Firm: **8**

Total Years Experience: **21**

Additional Registrations/Certifications:
National Council of Architectural Registration Boards (NCARB)

Availability: **50%**

Applicant Office Address:
**One Financial Center, 3rd Floor
Boston, MA 02111**

Mr. Lassel is an architect and project manager with more than 15 years of experience in the planning, design, and construction of new and rehabilitated justice, educational, and institutional facilities. He is experienced in management, design, and construction administration services for complex projects in the Boston metropolitan area and has a record of efficient and fruitful client interaction and successful project delivery. Mr. Lassel is highly skilled in building information modeling (BIM) and various design and visualization programs, including Revit, AutoCAD, InDesign, Photoshop, and SketchUp applications, as well as traditional hand drafting, model making, and presentation work.

Project Experience

Worcester County Combined Intake and Medical Unit | Deputy Project Manager and Architectural Design Lead

Contributed to a study of how to construct a combined facility intake unit that would allow pre-arraignment, pretrial, and sentencing inmates to be received, processed, and get medical care in one central location. Mr. Lassel worked with senior architects to produce programming diagrams to present to the client regarding the physical needs of a proposed facility to become part of the surrounding jailhouse in West Boylston, MA. His work involved development of two conceptual plans with phased implementations that were presented as 2-D bubble diagrams and 3-D block diagrams, with an updated operational program, summary of findings, order-of-magnitude construction cost estimates, and phasing schedules for the two concepts.

DCAMM State Police Barracks Holding Cell Improvements | Project Manager/Architectural Design Lead

Provided materials selections, design coordination, and project document assistance for the improvement of holding cells at the State Police barracks in South Boston, Andover, and Springfield, MA. The barracks are in a state of disrepair from age, obsolete design safety issues, and regular wear and tear. Mr. Lassel served on a team that developed a study report with schematic designs, scope of work narratives, and cost estimates for repairs and replacement of doors, lighting, security systems, combination sink/toilet fixtures,

beds, finishes, and other components so that the cells meet state building and accessibility codes, as well as the state's Department of Public Safety (DPS) and Department of Health (DPH) requirements for detention facilities. He focused on ways to replace cell hardware and properly locate CCTV cameras in a way that met State Police, the Division of Capital Asset Management and Maintenance (DCAMM), DPH, and DPS standards. Mr. Lassel also assisted with production of the final study, which DCAMM evaluated and certified before selecting the team to produce final designs and construction documents.

MBTA Station Accessibility Improvements | Project Manager

Managing all design, coordination, and construction phase services for the Massachusetts Bay Transportation Authority (MBTA)'s estimated \$92 million accessibility-focused renovation of Sullivan Station, North Station, and Arlington Station. The project will eliminate persistent barriers for MBTA customers through renovations including elevator and other vertical access improvements, code compliance modifications, and station brightening. Mr. Lassel worked directly with the MBTA's Capital Delivery Department to develop the project's scope and financial planning and is currently coordinating between disciplines and overseeing architectural design.

Athol Public Library | Architectural Design Lead

Assisted with the development of all design iterations of a 20,000-sf addition to the original Athol Public Library, which was built in 1918 through a Carnegie Foundation grant. The addition, which achieved LEED® Platinum certification, expanded children's and adults' spaces as well as various small group and quiet study areas and established laptop bars. Mr. Lassel worked in conjunction with the principal architect and coordinated with consultants to develop specifications and preliminary and final plans, which he helped present to the library's staff and town officials for approval. He also recorded the as-built measurements proposed by the contractor and documented them for construction.



3. RESUMES

STV

Services Provided: Architecture

Jeff Hyman, AIA

Project Role: **Architect**

MA Registration Type:

Architectural registration number pending

Years w/ Firm: **2**

Total Years Experience: **28**

Additional Registrations/Certifications:

Architecture: NY #027660

Availability: **50%**

Applicant Office Address:

**225 Park Avenue South, 5th Floor
New York, NY 10003**

Mr. Hyman is an architect and senior project manager with more than 25 years of experience with the majority of his career dedicated to the planning and design of behavioral health, youth environments, courthouses, and justice projects throughout the United States. Mr. Hyman brings high-level skills to programming, master planning, feasibility studies, capital planning, facility assessment, and all phases of architectural design. He is adept at managing projects from the planning and concept stages through design development and construction administration.

Project Experience

DASNY Suffolk County RTA Detention Facility Bridging Consultant Services | Design Project Manager

Managing the planning and design team for the development of design-build bridging documents for a new Dormitory Authority State of New York (DASNY) juvenile detention facility in Yaphank, NY. As part of the State of New York's Raise the Age (RTA) program, the new 40-bed facility will house juvenile offenders, juvenile delinquents, and 16- and 17-year-old adolescent offenders, with 8-bed housing units providing separate age-appropriate settings for each group. The trauma-informed design approach is aimed to provide a therapeutic, healing environment and identity for the facility. Located on an existing Suffolk County jail campus, the new building will use campus food and medical services while maintaining separate entry and identity. The facility will be designed to meet LEED® Gold performance requirements. Mr. Hyman coordinates the design team and serves as its primary point of contact with DASNY, Suffolk County, and other project stakeholders.

Maryland DPSCS New Female Youth Detention Center | Project Manager

Supervised the final design for the Maryland Division of Public Safety and Correctional Services (DPSCS) project to create a new all-female youth detention center. The new \$45 million center, located in Baltimore, MD, establishes a normative environment for up to 48 youth. Mr. Hyman's design management responsibilities included color palette adjustments, construction detailing for timber construction, curtain wall performance analysis, and completion of construction documents for the 93,000-sf facility.

CTDAS Bridgeport Superior Court for Juvenile Matters and Detention Center | Project Manager

Led the programming and preliminary design for a 92,000-sf facility that provides a new home for the juvenile courts and detention facility in Bridgeport, CT. The \$39 million facility, which includes 3 courtrooms and 44 beds in the juvenile detention center, was also a key element in the revitalization of the city's historic waterfront. Mr. Hyman was responsible for the architectural plans, specifications, and estimates that comprised the bridging documents for a design-build procurement. He also coordinated with the owner, other consultants, the design-build team, and the construction manager through completion.

Monroe County Juvenile Detention Center Expansion | Project Manager

Managed master planning, conceptual design, and design development for an addition to and renovation of the Monroe County Juvenile Detention Center in Rochester, NY. The addition of young adults to the juvenile system in the RTA legislation increased the number of youths in the facility and suggested that the 17 and 18-year-olds be housed separately from the younger teens. Scope of work included updating the program requirements, developing a campus master plan for the expansion, and a phasing strategy to maintain operations. Mr. Hyman led the design team for Phases 1 and 2 of the \$20 million addition and renovation, creating a single 60,000-sf facility with 48 eds for detained juveniles.

DASNY/NYSOMH South Beach Psychiatric Center New Residential Building | Project Manager

Managing the architectural and engineering design team through the construction phase for the new residential building at the South Beach Psychiatric Center in Staten Island, NY, for DASNY and the New York State Office of Mental Health (NYSOMH). The \$217 million, 6-story building will house 250 adults and 12 adolescent patients, and features a media room, spiritual center, dance space, and indoor and outdoor areas for family visiting. Large floor-to-ceiling glazing and high ceilings enhance views of adjacent state park and the ocean, which allow abundant natural light into the treatment areas, lobbies, and public corridors. The project includes sustainable design features to meet the goal of LEED® Silver certification. Mr. Hyman is providing construction administration services, and responding to RFIs as needed.



3. RESUMES

Dirtworks Landscape Architecture, P.C.

Services Provided: Landscape Architecture

David Kamp

Project Role: **Landscape Architect**

MA Registration Type:

Landscape Architecture #4203

Years w/ Firm: **20**

Total Years Experience: **31**

Additional Registrations/Certifications: **N/A**

Availability: **35%**

Applicant Office Address:

**315 West 39th Street, Studio 910
New York, NY 10018**

Mr. Kamp has more than 30 years of experience in the private and public sectors. Through practice, teaching, writing and advocacy, His leadership and unique contributions promoting health through design are at the forefront of the profession. A Harvard Loeb Fellow in Advanced Environmental Studies, MacDowell Colony Fellow, member of the National Academy of Design, and recognized through numerous awards and publications, he has also been featured in four documentaries. In 2012 University College Falmouth (UK) awarded Mr. Kamp an Honorary Fellowship in recognition of his contributions to the landscape architecture profession.

He founded Dirtworks Landscape Architecture to explore the extent to which design with nature can help restore and protect the well-being of individuals and communities, elevate individual and collective experience, and advance the stewardship of our shared resources. Mr. Kamp provides thoughtful coordination on larger design initiatives, while building consensus between the project team and the client.

Project Experience

- ***South Beach Psychiatric Center, Staten Island, NY***
- ***Els for Autism / Sensory Arts Garden, Jupiter, FL***
- ***Bronx Children's Psychiatric Center, Bronx, NY***
- ***Vassar Brothers Medical Center, Poughkeepsie, NY***
- ***Stamford Health Regional Campus, Stamford, CT***

3. RESUMES

STV

Services Provided: Interior Design and Planning

R. Price Jepsen, AIA, NCARB, LEED® AP BD+C, IIDA

Project Role: **Interior Designer and Lead Planner**

MA Registration Type:
Architecture #30512

Years w/ Firm: **31**

Total Years Experience: **37**

Additional Registrations/Certifications:
National Council of Architectural Registration Boards (NCARB)

LEED Accredited Professional (AP), Building Design and Construction (BD+C)

International Interior Design Association (IIDA)

Availability: **50%**

Applicant Office Address:
**225 Park Avenue South, 5th Floor
New York, NY 10003**

Mr. Jepsen has more than 35 years of proven expertise in providing comprehensive master planning, facility planning, and architectural and operational programming services for a variety of technically complex building types. He is experienced in managing thorough data collection and comprehensive data analysis efforts to produce quality plans and programs for individual buildings and large campuses. Mr. Jepsen is skilled at coordinating large, multidisciplinary teams to produce a quality product on time and within budget. His diverse background includes all project phases from planning and programming through design, construction, and post-occupancy evaluation. Through his understanding of LEED goals and objectives, Mr. Jepsen contributes to the selection of environmentally friendly building materials and their implementation in rehabilitation design.

Project Experience

MSBA Technical Assistance and Condition Assessment Program | Project Manager

Served as owner's representative for this Massachusetts School Building Authority (MSBA) program to evaluate, prioritize, and secure funding for the renovation and new construction of public schools throughout the state. Mr. Jepsen developed program and design standards for the review of design proposals and was also responsible for technical review of reports generated by multidisciplinary assessment teams for use in ongoing capital planning. He also coordinated senior study teams, consisting of a senior MSBA staff member and two STV professionals with extensive experience in school operations and design, to provide expedited assessments and funding request reviews on an as-needed basis.

DCAMM Worcester County Jail Medical and Intake Facility | Lead Planner

Led the initial planning and design effort for a new \$18 million, 30,000-sf facility to serve as the combined intake, medical unit, and regional lock-up to support an increased population. Mr. Jepsen managed the initial development of the project's needs, including architectural and operational requirements, conceptual designs, scope, and budget. Following the initial study, he helped develop the final design and the architectural and operational programs.

DASNY Suffolk County RTA Detention Facility Bridging Consultant Services | Programming Lead

Managing programming for the development of design-build bridging documents for a new Dormitory Authority of the State of New York (DASNY) juvenile detention facility in Yaphank, NY. As part of the State of New York's Raise the Age (RTA) program, the new 40-bed facility will house juvenile offenders, juvenile delinquents, and 16- and 17-year-old adolescent offenders, with 8-bed housing units providing separate age-appropriate settings for each group. The trauma-informed design approach is aimed to provide a therapeutic, healing environment and identity for the facility. Located on an existing Suffolk County jail campus, the new building will use campus food and medical services while maintaining separate entry and identity. The facility will be designed to meet LEED Gold performance requirements. Mr. Jepsen is developing the architectural and operational program of requirements, including space needs, operational and functional adjacencies, room data sheets, and an operational narrative.

LACDPW Camp Vernon Kilpatrick Replacement Design-Build | Programming Lead

Managed programming for the development of design-build programming and bridging documents for the \$52.5 million replacement of the Camp Vernon Kilpatrick juvenile probation campus in Malibu, CA, on behalf of the Los Angeles County Department of Public Works (LACDPW). The design for the campus's reconstruction replaced two large residential dormitories with five 5,000-sf cottages to which the 120 residents can be assigned according to their treatment needs. Other new structures include an administration building, a support center, and an ancillary building. The new Camp Kilpatrick campus was designed to LEED Silver performance requirements. Mr. Jepsen led the development of architectural and operational programming.



3. RESUMES

STV

Services Provided: Civil Engineering

Preethi Sreeraj, P.E., LEED® AP BD+C, ENV SP

Project Role: **Civil Engineer**

MA Registration Type:
Civil Engineering #52431

Years w/ Firm: **9**

Total Years Experience: **21**

Additional Registrations/Certifications:
**LEED Accredited Professional (AP), Building
Design and Construction (BD+C)**

Envision Sustainability Professional (ENV SP)

Availability: **50%**

Applicant Office Address:
**One Financial Center, 3rd Floor
Boston, MA 02111**

Ms. Sreeraj, a senior civil engineer with more than 20 years of experience in transportation, traffic, and construction engineering, has a strong background in land development and water resources projects in New England and abroad. She is skilled in performing hydraulic and hydrologic analyses and developing stormwater plans and utility layouts for roadway alignments, signaling, traffic management plans, and all components of modern wastewater treatment facilities.

Ms. Sreeraj has applied her technical expertise and collaborated with clients and senior-level management to solve complex engineering design challenges while overseeing interns, field personnel, sub-contractors, and consulting firms. Her management background has also included cost estimating, bid document development, financial tracking, scheduling, progress reporting, and public outreach.

Project Experience

DCAMM Worcester County Combined New Medical and Intake Processing Units | Civil Engineer

Provided exterior civil design for a new \$24 million, 33,000-sf building that will serve as a combined intake and medical unit at the Worcester County Sheriff's Office and House of Correction in West Boylston, MA. The two-story building, developed for the DCAMM, will be capable of serving more than 1,000 inmates and pretrial detainees.

MBTA Quincy Bus Maintenance Facility | Sustainability, Resilience, and Drainage Lead

Leading drainage design and supervising sustainability and resilience measures for the Massachusetts Bay Transportation Authority (MBTA)'s new 350,000-sf Quincy Bus Maintenance Facility in Quincy, MA. The \$272 million facility will consist of four interconnected structures with a bus storage area, a maintenance area, an office building, and a fueling and wash area. It will store and maintain up to 135 buses and will create additional capacity for future service growth, provide swing space to support other facility projects, and accommodate changes involving a transition to battery-electric buses, including charging capacity. Ms. Sreeraj developed drainage design and specifications for the facility. She also coordinated between all disciplines and subconsultants to verify adherence to

the sustainability and resilience goals of the facility, which has been developed to target LEED Gold and Envision® Gold status, and attended biweekly client meetings to update the MBTA on the project's status in relation to these goals. Ms. Sreeraj continues to supervise submittals and respond to RFIs.

WRTA Vehicle Maintenance, Operations, and Storage Facility | Civil Engineering Lead

Led the permitting efforts, site layout, and drainage design development required for the construction of a new vehicle maintenance, operations, and storage facility in Worcester, for the Worcester Regional Transit Authority (WRTA). The \$75 million, 2-story, 150,000-sf facility is built for 80 vehicles and 155 employees. It is built on approximately 11 acres of a 15-acre brownfield site and includes bus lifts; wash and fueling bays; a body shop and paint booth; fluid dispensing systems; general parts and tire storage operations and retrieval; operations and maintenance personnel welfare areas; bus and van dispatch space; and office and administration spaces. Ms. Sreeraj led the permitting efforts with the city's Conservation Commission, Zoning Board of Appeals, and Planning Board. She also coordinated with the city's Department of Public Works to obtain a sanitary connection permit that enabled the issuance of a building permit. This project was on a very aggressive schedule to meet WRTA's needs for federal project funding. All permits were issued on time for the work to commence on schedule. Under Ms. Sreeraj's direction, the team designed site and drainage layout; developed stormwater management facilities using best management practices, such as water quality swales and underground detention basins; and designed driveway access, asphalt parking areas, concrete sidewalks, and ADA-compliant curb ramps. Following completion of the design phase, Ms. Sreeraj supported the construction phase by reviewing shop drawings, responding to RFIs, and completing other on-site duties related to the civil site work.



3. RESUMES

STV

Services Provided: Mechanical Engineering and Sustainable Design

Michael Camoscio, P.E., LEED® AP BD+C

Project Role: **Mechanical Engineer and Sustainability Design Specialist**

MA Registration Type:
Mechanical Engineering #50578

Years w/ Firm: **13**

Total Years Experience: **14**

Additional Registrations/Certifications:
LEED Accredited Professional (AP), Building Design and Construction (BD+C)

Availability: **50%**

Applicant Office Address:
**One Financial Center, 3rd Floor
Boston, MA 02111**

Mr. Camoscio is a skilled mechanical engineer and project manager with more than 10 years of experience preparing designs and layouts for mechanical, plumbing, and fire protection systems. He has provided project management and engineering services, including under house doctor contracts, for numerous law enforcement facility upgrades. Mr. Camoscio has also served as project manager from study through construction for multiple Ch 149 and 149A projects. Mr. Camoscio is familiar with a variety of chilled and hot water systems and is skilled in selecting mechanical equipment based on engineering calculations and design requirements and performing energy modeling and load analyses to help make design decisions and pursue LEED certifications.

Project Experience

MSP General Headquarters Cafeteria Renovations and Repurposing | Project Manager

Oversaw a study to evaluate potential renovation options at the Massachusetts State Police (MSP) General Headquarters Building (GHQ) in Framingham, MA, as part of a "house doctor" contract. The project assessed an underutilized 5,000-sf cafeteria wing for potential renovation as offices and administration areas. Three test-fit studies were developed, considering configuration of the restrooms, extent of required demolition, optimizing of daylighting, circulation, and space usage. The completed study included accessibility scoping, cost estimate, testing reports, and schematic design for MSP's preferred concept. Mr. Camoscio attended a walkthrough and kickoff meetings with MSP, coordinated programming strategy, reviewed code requirements potentially triggered by renovations, and oversaw the preparation of the final study report.

Worcester County Sheriff's Office Task Order Contract | Mechanical Engineer

Provided mechanical engineering review to accommodate new gas-powered kitchen equipment at the Worcester County Sheriff's Office and House of Correction in West Boylston, MA, as part of a task order contract. Mr. Camoscio conducted a site visit and met with staff, reviewed previously installed equipment, prepared engineering drawings and calculations verifying requirements for gas service and makeup ventilation, and made record documentation. Documents

for the required system modification, which tied in the gas valve to appropriate shutoffs, were submitted to the state plumbing inspector and approved.

DCAMM Lower Basin State Police Barracks Rehabilitation | Project Manager/Lead Mechanical Engineer

Providing project management and mechanical design for the rehabilitation of the MSP Lower Basin Barracks along the Charles River in Boston for DCAMM. The firm is providing mechanical, electrical, plumbing, and architectural design services for a \$14 million expansion and adaptive reuse of the building, a former Charles River lockhouse built in 1908. The project will expand the facility by 6,800 sf and improve it with modern systems that meet LEED Silver and Mass LEED Plus standards while preserving its Italian Renaissance Revival architectural features. New spaces will include modern public briefing and station command areas, staff use and building support space, a detention area, and a garage. Mr. Camoscio oversaw a certified study of the facility and performed field survey work to develop rehabilitation options. During the design phase, he supervised mechanical system design for the expanded facility and coordinated between disciplines and with the client. He continues to provide project supervision and design oversight during construction administration.

DCAMM State Police Holding Cell Improvements | Mechanical Engineer

Providing construction-phase services for updating the holding cells at the MSP barracks in South Boston, Andover, and Springfield, MA, as part of a pilot project for DCAMM. The project aims to update the cells for code-compliant safety while implementing cost-effective means that will enable the State Police to update more barracks. During a study phase, Mr. Camoscio visited the three different barracks and documented the existing conditions of the MEP systems. He researched code requirements and recommended changes within a written report that was reviewed and accepted by DCAMM. During a subsequent phase, Mr. Camoscio conducted additional field inspections and designed plans for the least intrusive installation of new MEP systems. During ongoing construction, he has provided answers to RFIs, prepared sketches, and performed site inspections of completed work.



3. RESUMES

STV

Services Provided: Electrical Engineering

Scott O'Meara, P.E.

Project Role: **Electrical Engineer**

MA Registration Type:

Electrical Engineering #54872

Years w/ Firm: **6**

Total Years Experience: **12**

Additional Registrations/Certifications: **N/A**

Availability: **50%**

Applicant Office Address:

**One Financial Center, 3rd Floor
Boston, MA 02111**

Mr. O'Meara has provided inspection, design, and construction services for energy, military, educational, and residential electrical infrastructure installations and equipment upgrades for 12 years. His experience designing complex cable and wire distributions and emergency power, lighting, security, and communications systems brings value to each stage of project development, from initial conceptualization to final construction and commissioning. Mr. O'Meara's areas of design proficiency include load calculation, diagram drafting, equipment sizing, materials selections, specifications writing, value engineering, interdisciplinary design development, cutover phasing strategy, and shop drawing review, as well as design review for quality and code conformance.

Project Experience

MCCA Design Services Task-Order Contract | Electrical Designer

Providing electrical engineering services for an on-call design services contract to assist the Massachusetts Convention Center Authority (MCCA) in maintaining and improving its four facilities: the Boston Convention and Exhibition Center (BCEC), John B. Hynes Veterans Memorial Convention Center and Boston Common Garage in Boston, and MassMutual Center in Springfield, MA. Mr. O'Meara is directing the electrical design of AHU replacement projects at the MassMutual Center and contributed to the development of plans for a new office space for the MCCA Sports Commission at the BCEC.

MMD Camp Curtis Guild Basewide Fire Alarm System Assessment | Electrical Design Lead

Led the electrical design to update fire alarms at Massachusetts Military Division (MMD) Camp Curtis to a modern, code-compliant system that automatically reports to the local fire department in Reading, MA. Mr. O'Meara supported an initial Type A study and helped determine the most economical means of accomplishing the project goal. Upon approval, he managed the electrical design for the project and contributed to the construction documents for the new, fully wireless system. Mr. O'Meara also supervised the project's code compliance and contributed construction phase management. His work was completed under a "house doctor" contract with MMD.

MMD MAARNG Camp Edwards Fuel Point Replacement | Electrical Engineering Specialist

Providing electrical design for the development of replacement fuel point facilities at Camp Edwards, located in Barnstable County, MA, under a "house doctor" contract with the Massachusetts Military Division (MMD). The project includes retail fueling, Heavy Expanded Mobility Tactical Truck (HEMTT) fueling, and offloading facilities to support the Massachusetts Army National Guard (MAARNG). Mr. O'Meara is developing power, lighting, and fire alarm design for the facility's new 1,500-sf operations building and throughout the fuel point site, including specialized hazardous area electrical design for the vicinity of the fuel tanks. He is also managing coordination with utilities, including power and connectivity providers.

Medfield Public Safety Building Electrical Service Improvement | Electrical Designer

Developed the electrical design for the lighting, fire alarm, life safety, security, communications, and backup power systems for this \$20 million police and fire department headquarters that is currently under construction in Medfield, MA. Mr. O'Meara contributed to the layout of all electrical wiring, conduits, cables, and equipment serving exterior and interior lighting, the IT server room, computer work stations, communications equipment, and the integrated electronic security system (IESS). He coordinated the location of the power feed with the local utility provider and developed the interior infrastructure to be compatible with ongoing mechanical, plumbing, fire alarm, fire protection/sprinkler, and elevator systems installations. The design includes a pad-mounted generator to provide emergency life-safety, optional standby, and critical operations support during outages, as well as automated lighting controls and emergency fixtures.



3. RESUMES

STV

Services Provided: Structural Engineering

Nikola Nikolov, S.E.

Project Role: **Structural Engineer**

MA Registration Type:
Structural Engineering #52734

Years w/ Firm: **11**

Total Years Experience: **19**

Additional Registrations/Certifications: **N/A**

Availability: **50%**

Applicant Office Address:
**One Financial Center, 3rd Floor
Boston, MA 02111**

Mr. Nikolov has more than 15 years of experience in the design of facilities and the rehabilitation of historic buildings. He has conducted structural assessments, drafted design plans, provided cost estimates, and coordinated with clients and design teams to make sure projects meet all requirements. His skills have been used in developing complex 3-D structural details, allowing clients and contractors to better understand the construction sequence and the complexity of proposed solutions.

Project Experience

MCCA Design Services Task-Order Contract | Structural Engineer

Providing structural design for multiple projects on this “house doctor” contract to assist the Massachusetts Convention Center Authority (MCCA) in maintaining and improving its four facilities: Boston Convention and Exhibition Center (BCEC), John B. Hynes Veterans Memorial Convention Center, Boston Common Garage, and MassMutual Center in Springfield. Projects to date have included office space, recreational facilities, outdoor event spaces, parking garages/lots, restrooms, ferries, operations centers, and tenant buildouts.

Massport A/E Services | Structural Engineer

Providing structural design for multiple projects throughout Massport’s jurisdiction on this “house doctor” contract. Work includes the renovation and new construction of various facilities, which to date have included offices, medical facilities, rescue/ firefighting facilities, kitchen/dining, airports/hangars, terminals, maintenance facilities, signage/wayfinding, garages, and salt sheds.

MMD MAARNG Camp Edwards Fuel Point Replacement | Lead Structural Engineer

Overseeing structural engineering design for the replacement of fuel point facilities at Camp Edwards, located in Barnstable County, under a “house doctor” contract with the Massachusetts Military Division (MMD). The project includes retail fueling, Heavy Expanded Mobility Tactical Truck (HEMTT) fueling, and offloading facilities to support

the Massachusetts Army National Guard (MAARNG). Mr. Nikolov is supervising structural design for the site’s new single-story office building, as well as for supports for fuel tanks and fueling equipment and a canopy over the fueling equipment.

MBTA Quincy Bus Maintenance Facility | Senior Structural Engineer

Oversaw structural design for the MBTA’s new 350,000-sf Quincy Bus Maintenance Facility in Quincy. The \$272 million facility will consist of four interconnected structures with a bus storage area, a maintenance area, an office building, and a fueling and wash area. It will store and maintain up to 135 buses and will create additional capacity for future service growth, provide swing space to support other facility projects, and accommodate changes involving a transition to battery-electric buses, including charging capacity. Mr. Nikolov led structural design for the steel framing of all structures and was the point of contact with the foundations design team. He also supervised the overall structural design of the facility, coordinated with other design disciplines, and oversaw the work of junior structural engineers and drafters to verify that the project was remaining within its schedule and budget.

Sevastopol Business Center Rehabilitation Design-Build | Structural Designer

Produced a structural design model for the rehabilitation of this historic building located in downtown Sofia, Bulgaria. The concrete structure was built in the 1930s and had to be repaired to meet the current design codes while it was occupied by a municipal agency. The project involved rehabilitation of a badly deteriorated basement and construction of an additional level above an existing conference hall. Mr. Nikolov produced a 3-D design using Revit software. As a member of the design-build team, he also provided daily, on-site support answering requests for information.



3. RESUMES

Lars Hubbard

Project Role: **Specifications Consultant**

MA Registration Type: **N/A**

Years w/ Firm: **16**

Total Years Experience: **27**

Availability: **15%**

Applicant Office Address:

**8 Mainelli Road, Suite 2
Middlebury, VT 05753**

Mr. Hubbard has been writing specifications professionally for more than 25 years, preparing specifications for over \$10 billion in construction on five continents. In addition to writing and coordinating specifications for buildings, his firm has a team of software developers providing enterprise document development and management systems for clients throughout the United States and globally.

Project Experience

Mr. Hubbard has provided full specifications for the following projects:

- Massachusetts Military Division MAARNG Camp Edwards Fuel Point Replacement, Barnstable County, MA
- Massachusetts Convention Center Authority Task-Order Contract, Boston, MA
- University of Massachusetts Lowell, Lowell, MA
- Framingham State University, Framingham, MA
- Boston City Hall and Plaza, Boston, MA
- Massachusetts Department of Public Health Tower, Boston, MA
- Arsenal West Garage, Watertown, MA
- Gulfshore Playhouse, Naples, FL
- Monadnock Coop, Keene, NH
- Bonnet Springs Park, Lakeland, FL
- Smithsonian Patent Office Building, Washington DC
- Miami Science Museum, Miami, FL
- Wind Creek Bethlehem, Bethlehem, PA
- Albright-Knox Art Gallery - AK360, Buffalo, NY
- Banco Santander, Miami, FL
- Studio Museum Harlem, New York, NY
- Hudson Yards: Platform, Tower A, Tower C, Plaza, Vessel, New York, NY
- Ross School of Business, Ann Arbor, MI

- One Hudson Boulevard, New York, NY
- Whitney Museum of American Art, New York, NY
- Red Hook Houses, Brooklyn, NY
- University of New Hampshire Spaulding Hall, Durham, NH
- MGM National Harbor, National Harbor, MD
- Museum of Westward Expansion, St. Louis, MO
- Yale School of Nursing, New Haven, CT
- Warren Alpert Medical Education Building, Providence, RI
- One Vanderbilt Avenue, New York, NY
- 610 Lexington Avenue, New York, NY
- Duke University West Campus Union, Durham, NC
- Royal Atlantis Resort, Dubai, UAE
- Tacoma Art Museum, Tacoma, WA
- Tillamook Visitor Center, Tillamook, OR



3. RESUMES

Lakshmi Sabbisetty

Project Role: **Cost Estimator**

MA Registration Type: **N/A**

Years w/ Firm: **5**

Total Years Experience: **10**

Additional Registrations/Certifications: **N/A**

Availability: **35%**

Applicant Office Address:

**11 Elkins Street, Suite 470
Boston, MA 02127**

Mr. Sabbisetty has ten years of experience as both a cost estimator and scheduler. He is well-versed in creating and monitoring project roadmaps, budgets, resources, and milestones with a demonstrated ability to identify requirements and clarify needs. He possesses strong organization, and communication skills which inform his ability to manage information and overcome obstacles. He has developed full construction simulations and integrated detailed cost estimates using MCACES (MII). Mr. Sabbisetty also has experience collecting data and developing local economic analyses to confirm high quality and accurate deliverables and has integrated labor data into contractor's schedules to create labor profiles.

Project Experience

DCAMM Suffolk County Sheriff's Department Jails Plumbing Replacement Study | Lead Cost Estimator

Cost estimates at schematic design for the evaluation of the plumbing systems at the South Bay House of Correction and the Nashua Street Jail in Boston, MA. Supporting the feasibility study which will evaluate and make recommendations for fixing deficiencies in the existing plumbing systems.

Massachusetts State Police (MSP) Headquarters Office Renovation | Lead Cost Estimator

Cost estimates for the conversion of the cafeteria wing of the MSP's Framingham Headquarters into office and administration space for visiting agencies. The project is the interior renovation of the 4,400 sf cafeteria wing built approximately 50 years ago.

Massachusetts Emergency Management Agency (MEMA) Bunker, Chiller Replacement Study | Lead Cost Estimator

Cost estimates for the replacement of the HVAC water chiller and associated controls in Framingham, MA. Evaluated the existing chiller, chilled water system, and controls installation for efficiency and functionality.

Massachusetts Convention Center Authority (MCCA) | Lead Cost Estimator

Supporting capital projects at multiple facilities in Boston and Springfield, MA. Projects include buildouts of business space, surveillance and security system upgrades, escalator repairs and replacements, construction of a new Urban Garden, modernization of executive suites and restrooms, and waterproofing of an underground garage.

UMass Building Authority, OPM Services, Fine Arts Center Bridge Renovation | Lead Cost Estimator

Independent cost estimates and review of contractor's estimates for this renovation of the fourth floor Bridge for the College of Humanities and Fine Arts. This gut renovation project includes upgrades to all MEP systems.

DCAMM Demand Response Generator Upgrades Multisite and Building Generator Upgrades Replacement Study | Lead Cost Estimator

Developing schematic design cost estimates in support of the study and design of generator upgrades at various locations, to re-permit emergency generators so that they can be operated under the Demand Response program and used for emergency backup.

DCAMM Cape Cod Community College (CCCC) Energy Consulting | Lead Cost Estimator

Cost estimates for energy conservation measures across multiple buildings campus wide including improvements to building MEP systems.



3. RESUMES

Nate Birmingham, P.E.

Project Role: **Code Consultant**

MA Registration Type:

Fire Protection Engineering #48370

Years w/ Firm: **9**

Total Years Experience: **16**

Additional Registrations/Certifications: **N/A**

Availability: **15%**

Applicant Office Address:

**154 Turnpike Road, Suite 200
Southborough, MA 01772**

Mr. Birmingham is a Principal with Code Red Consultants. He has significant experience reviewing architectural and engineering drawings and specifications for conformance with local, state, and national codes and standards. He has conducted fire protection and life safety evaluations on high-rise buildings, atria, facilities utilizing hazardous materials, warehouses, healthcare facilities, residential buildings, and office and mixed-use facilities.

Mr. Birmingham specializes in creating performance-based design solutions where traditional prescriptive codes approaches will not work. His experience includes smoke control special inspections, fire and egress modeling, code compliance alternatives and equivalencies, and third-party reviews and inspections. He has extensive experience with computer fire models, including NIST's Fire Dynamics Simulator (FDS) and CONTAMW performing tenability, smoke movement, flame spread, atrium smoke control, stair and elevator pressurization, and fire/smoke detection analyses.

Project Experience

DCAMM Franklin County Jail Smoke Control | FP/LS Code Consultant

Mr. Birmingham was retained to provide fire protection and life safety code consulting services as they relate to the annual testing of the smoke control systems within the Franklin County Jail building located in Greenfield, MA. The building contains five windowless portions: Pod A, Pod B, Pod C, Pod D, and the Booking area. Each Pod contains a day room surrounded by multiple cells. Services included reviewing existing design documentation for the SC system and codes at the time of installation to understand the SC system elements including panel configuration, fans, dampers, and determine expected system performance and design parameters. He reviewed any prior test plans to determine baseline performance of the smoke control, exhaust, and stair pressurization systems. He also created a smoke control re-test program.

DCAMM Massachusetts Correctional Institute Framingham Boiler House | FP/LS Code Consultant

The project consisted of a new structure with a total building area of approximately 17,500 sf. The facility consists of a first floor (15,207 sf) and mezzanine (2,317 sf). A staff office and break room and locker rooms are located at the first floor. Code Red Consultants was retained to provide fire protection, life safety, and accessibility code consulting services primarily responsible for preparation of a Code Report documenting the major building code, fire protection, life safety, and accessibility requirements applicable to the project in accordance with the Massachusetts State building and Fire Codes as well as the ADA/MAAB Requirements.

DCAMM Department of Youth Services Dorchester Fire Alarm | FP/LS Code Consultant

This project was for replacement of the fire alarm control panel in Building M, connecting the existing zone wiring from obsolete Fire Alarm Control Panel to new zone cards connected to adjacent notifier panel in Building L and replacement of the fire alarm control panel in Building L to allow the annunciation and control of the entire facility to occur on a single cohesive UL listed fire alarm networked system. Mr. Birmingham performed a review of the proposed layout for conformance with the applicable codes and standards.

Town of Southborough New Public Safety Complex Fire Alarm Review | Code Consultant FA Design 3rd Party Reviewer

This new \$16.1 million facility houses the town's police and fire departments. The new 35,000-sf, two-story complex includes five apparatus bays, public meeting and training rooms, administrative offices, a fitness room, and dormitory-style sleeping quarters for the firefighters. Mr. Birmingham was retained to perform a third party review of the fire alarm drawings for conformance with the applicable codes and standards.

3. RESUMES

Lisa Howe

Project Role: **Historic Preservation Consultant**

MA Registration Type: **N/A**

Years w/ Firm: **7**

Total Years Experience: **36**

Additional Registrations/Certifications: **N/A**

Availability: **35%**

Applicant Office Address:

**10 Langley Road, Suite 202
Newton, MA 02459**

Ms. Howe brings over 30 years of experience in the construction and restoration industry, from her beginnings as a mason to her tenure as a Principal at Goody Clancy, an architecture firm in Boston. Before joining BCA, she was Director of Preservation at Consigli, a 600-person construction company specializing in restoration.

Ms. Howe has extensive experience documenting the condition of historic building materials, developing treatments for their repair and conservation, preparing construction documents for the implementation of these treatments, providing project monitoring during the repair and conservation work, and writing Historic Structures Reports.

Project Experience

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

3. RESUMES

CDW Consultants, Inc. (WBE)

Services Provided: Hazardous Materials Consulting

Kathleen Campbell, P.E., LSP, LEED AP, ENV SP

Project Role: **Hazardous Materials Consultant**

MA Registration Type:

Environmental Engineering #39420

Years w/ Firm: **28**

Total Years Experience: **33**

Additional Registrations/Certifications:

Licensed Site Professional #9984

LEED Accredited Professional (AP), Building Design and Construction (BD+C)

Envision Sustainability Professional (ENV SP)

Availability: **20%**

Applicant Office Address:

**4 California Avenue, Suite 301
Framingham, MA 01701**

Ms. Campbell is CDW's President and oversees the practice in geo environmental and all other building-related engineering services such as Licensed Site Professional consulting and hazardous building materials abatement, for municipal clients and other agencies throughout Massachusetts. She has managed hundreds of projects involving environmental assessments and subsurface investigations including work on public facilities throughout Massachusetts. She has been involved in many high visibility national and state model brownfields projects and has successfully achieved regulatory closure allowing redevelopment of contaminated sites by integrating risk assessment and cleanup technologies, demolition strategies, and ultimate re-use goals. She has prepared design plans and specifications for various remedial alternatives including soil and groundwater treatment systems, capping strategies, as well as innovative technologies such as bioremediation.

She has provided Licensed Site Professional services including IRAs, RAMs, LRAs, RAOs, and AULs under the Massachusetts Contingency Plan (MCP), and has completed numerous Phase I, Phase II, Phase III and Phase IV studies. She has performed and supervised numerous MCP Method 1, Method 2, and Method 3 risk assessments, including human health and environmental impact assessments.

Ms. Campbell has performed regulatory compliance audits for clients including public agencies and municipalities. She also has extensive experience in the preparation of federal, state, and local permit applications. She has responsibility for all aspects of environmental permitting and compliance, including remediation, resource protection, wetlands, historical, and hazardous waste management. She has prepared permit applications under the Massachusetts Environmental Policy Act, the DEP Wetlands Protection Act, DEP Chapter 91 Waterways regulations, U.S. Army Corps of Engineers regulations, US Coast Guard, US Fish & Wildlife, National Environmental Policy Act, and the USEPA National Pollutant Discharge Elimination System.

Project Experience

- **Massachusetts State Police Headquarters, Framingham, MA**
- **Western Massachusetts Hospital, Westfield, MA (formerly known as Westfield State Sanatorium)**
- **MA State Police Barracks, New Braintree, MA**
- **UMass-Boston – Parking Substructure, Boston, MA**
- **Maxwell Library, Bridgewater State University, Bridgewater, MA**
- **Arts Center, Bridgewater State University, Bridgewater, MA**
- **Middlesex House of Correction, Billerica, MA**
- **State Hospital, Bridgewater, MA**
- **Massachusetts Maritime Academy Library Building, MA**



3. RESUMES

Erin Persky, Assoc. AIA, CCHP, WELL AP

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

MA Registration Type: **N/A**

Years w/ Firm: **10**

Total Years Experience: **10**

Additional Registrations/Certifications:

WELL Accredited Professional, International WELL Building Institute

Certified Correctional Health Professional, National Commission on Correctional Health Care

Availability: **33%**

Applicant Office Address:

**3020 Dove Street
San Diego, CA 92103**

Ms. Persky applies her dual mental health and architecture background to the practice of justice facility planning, programming, design, and post-occupancy evaluation, including both adaptive-reuse and new construction. In all projects, she prioritizes the implementation of trauma-informed approaches to the functional operations and the design of justice and community-based services. She is a thought leader among justice experts, having authored book chapters and articles on justice facility design, presented her work to numerous organizations, and has been featured on podcasts, and digital and print media for her subject matter expertise.

Project Experience

Los Angeles County Juvenile Probation Department. Eastlake Juvenile Hall and Courts | Planner and Programmer

Ms. Persky was a lead planner and programmer for this master plan to support the evaluation of existing facilities in terms of their ability to meet the medical and mental health services goals and security needs of Los Angeles County's central juvenile hall and court. Planning and design of facilities for justice-involved youth require particular care, compassion, and attention to detail, as our society's children and adolescents are exceedingly sensitive and impressionable. Detailed consideration was given to planning for rehabilitative and restorative program spaces, suicide prevention in all areas, and a trauma-informed approach to the design of courts facilities, hall housing, and configuration of the overall campus plan.

San Diego Department of Health & Human Services Southeastern Live Well Center | Trauma-Informed Design Consultant

Ms. Persky is the justice and trauma-informed design subject matter expert on the design-build team for a new "Live Well Center" through the San Diego County Department of Health & Human Services. This facility houses the County's Family Resource Center, Department of Mental Health, Department of Public Health, Probation Services, Substance Use Disorder Services, Community-Based Organizations, and a community-accessible conference center. As children and adolescents are a highly vulnerable population, attention is devoted to ensuring their safety and comfort while visiting this facility – through

wayfinding and circulation, locations of family-focused services relative to the other services offered in the facility, materials, furnishings, patterns and colors, and other interiors decisions. Project scope of work included trauma-informed design consulting on all phases of design-build.

Fresno Department of Behavioral Health (DBH). Fresno Department of Behavioral Health Needs Assessment and Programming | Planner and Programmer

Acted as a programmer for this assessment of the Fresno County Department of Behavioral Health to provide an organizing framework for the Department to use as it proceeds to replace currently inadequate facilities. This project consisted of programming for two new inpatient treatment facilities, including crisis stabilization units (CSUs) and psychiatric health facilities (PHFs) that require residential, treatment, activity space in buildings approved and inspected by the state and the Department of Health Care Services. Also included in the planning were robust staff work and support areas for just under 1,000 DBH employees. The programming effort included operations and clinical functions requiring staff-only work areas and client-accessible areas.

San Diego Department of Health & Human Services Ohio Street Probation Department | Trauma-Informed Design Consultant

Acting as the justice and trauma-informed design subject matter expert on the design-build team for a new Probation Department. Part of San Diego County's broad goal of decentralizing community-based services, this building includes full probation services and provides approximately one-third of the GSF to workspace for up to 20 community organizations who partner with probation to link clients to services and care. Focus was given to creating a therapeutic, restorative environment while maintaining the utmost safety for both clients and staff. Consulting services included thorough floor plan, adjacency, space planning, and interiors reviews and recommendations with architect and client teams. Trauma-informed design consulting on all phases of design-build.

3. RESUMES

Matt Lammers

Project Role: **Acoustical Designer**

MA Registration Type: **N/A**

Years w/ Firm: **16**

Total Years Experience: **16**

Additional Registrations/Certifications: **N/A**

Availability: **80%**

Applicant Office Address:

**275 Madison Avenue
New York, NY 10016**

Mr. Lammers is an acoustical senior associate in the New York office. Since starting at SM&W he has consulted on a wide variety of domestic and international projects, working with architects to optimize room acoustics of critical spaces, providing practical and innovative mechanical noise control solutions, and providing assessment and mitigation of transportation noise and vibration, architectural isolation system design, and analysis of a wide variety of existing conditions and solutions for new buildings and renovations. His contribution to a project typically involves overall review and identification of potential acoustical problems, explanation of acoustical strategy strengths and weaknesses, and collaboration with the design team to resolve issues in a useful, cost-effective way.

Project Experience

The Africa Center | Acoustical Designer

Provided acoustical, audiovisual, and IT infrastructure for the new Africa Center in Wayne, PA. This project took place between 2016 and 2020.

New Dawn Charter School | Project Manager

This project involves the design of a 4-story + roof charter high school in Brooklyn, NY. There will be a basketball court on the roof, and all interior finishes will be new. SM&W's involvement would be assisting in designing sound baffling solutions for rooms/areas with 11-foot high open ceilings, such as classrooms, open galleries, and a multipurpose room, proposing sound and vibration isolation schemes for the rooftop basketball court, and reviewing the HVAC system for interior noise and noise to the surrounding community.

York College Performing Arts Center | Acoustical Designer

Provided acoustical, audiovisual, IT infrastructure, and theater design services for the York College Performing Arts project in Jamaica, NY.

Rockefeller University Collaborative Research Center | Acoustical Designer

\$500 million renovation, LEED design, with 125,000 sf of new laboratory space, with vibration sensitive imaging suites, low vibration laboratory space, conference rooms, and 200-seat lecture hall in New York, NY.

Fashion Institute of Technology | Acoustical Designer

ALABS is a 60,000-sf renovation project consisted of Broadcast Studio, and 14 laboratory spaces including shoe, toy, and fragrance design areas in New York, NY. Key areas of focus were noise control of exhaust systems and noise isolation of Broadcast Studio adjacent to noisy laboratory spaces. C2 is a 97,400-sf building which includes a large atrium/exhibition space, classrooms, and offices.

Columbia University Pupin Hall | Acoustical Designer

Evaluation of existing building vibration for highly sensitive low vibration laboratories, including a gravity wave measurement lab, an atomic/laser particle physics lab, and an NMR lab. Tri-axial vibration analysis down to 0.5 Hz.



3. RESUMES

Alejandro Wong

Project Role: **AV Designer**

MA Registration Type: **N/A**

Years w/ Firm: **28**

Total Years Experience: **28**

Additional Registrations/Certifications:
**AVIXA Certified Technology Specialist (CTS),
Crestron DMC-D, Peavey Media Matrix
Training**

Availability: **80%**

Applicant Office Address:
**275 Madison Avenue
New York, NY 10016**

Mr. Wong has been with SM&W for more than 25 years. From his beginnings as a CADD operator and working his way up to his present-day position as a Senior Associate in the audiovisual department, his career path at SM&W has provided an example for many others for advancement within the company. The experience he has learned throughout the years has proven to be a valuable asset to SM&W. As a project manager and Senior Associate, he continues to provide leadership to others in the AV department and play a key role for the audiovisual design in multiple projects.

Project Experience

New York Public Library Bronx Borough Center | AV Designer

Provided acoustical, audiovisual, and IT services for the NY Public Library's Bronx Borough Center, located at 130 West 57th Street in New York, NY.

SUNY Purchase Administration Building Renovation | Project Manager

This project is for the new Admissions offices located on the ground floor level within the Center for Media, Film & Technology (CMFT) in Purchase, NY. The renovation of the Administration Building will include new AV infrastructure to accommodate for the future systems design and installation of new AV equipment. The building is a three-story wood frame building comprising 24,336 square feet.

Staten Island Museum Renovation | AV Designer

The Staten Island Museum is renovating an abandoned building into expansion galleries and offices for the museum. The project entails Building A for Art, and Building B for Natural Science and History. The purpose of the project is to restore and preserve the building's historic character and sit cohesiveness, improve site accessibility between the two buildings, and to provide expanded facilities and proper collection storage for the museum. Mr. Wong provided acoustics and audiovisual design.

Scarsdale Public Library | Project Manager

This project is the design portion of phase 1 of the master plan for the library expansion in Scarsdale, NY. Mr. Wong provided acoustics and audiovisual design.

SUNY Stony Brook Student Union Campus | AV Designer

This project involved a three-year gut renovation of the existing building. The renovated Student Union Building will support program functions, including student services center, psychiatric counseling, bursar's offices, undergraduate affairs office, international programs, administrative offices, TLT SINC computer resource area, retail, small food service area, classroom and lecture space, and an auditorium. Mr. Wong provided acoustics and audiovisual design.

New School Classroom Design | AV Designer

Provided acoustics, audiovisual, IT infrastructure, and security design services for the New School Classroom design project in New York, NY.



3. RESUMES

Shen Milsom & Wilke LLC (MBE)

Services Provided: IT Design

Omar Alequin

Project Role: **IT Designer**

MA Registration Type: **N/A**

Years w/ Firm: **12**

Total Years Experience: **2**

Additional Registrations/Certifications:

IBwave Design Levels 1&2

Availability: **80%**

Applicant Office Address:

**275 Madison Avenue
New York, NY 10016**

Joining SM&W in 2019, Mr. Alequin is a seasoned consultant bringing a broad range of experience in integrated communications technology (ICT). Leveraging his experience in high rise commercial/residential projects, client fit outs, universities/schools (SCA), international projects, DAS and ARCs design to engineering, he provides a holistic approach when planning and managing infrastructure projects.

Project Experience

Scarsdale Public Library | IT Designer

This project is the design portion of phase 1 of the master plan for the library expansion in Scarsdale, NY.

New York Public Library Bronx Borough Center | IT Designer

Provided acoustical, audiovisual, and information technology services for the NY Public Library's Bronx Borough Center, located at 130 West 57th Street in New York, NY.

Fordham University Arcade MSC Renovation | Project Manager

Working with Fordham University in Bronx, NY to pursue with limited renovations to the MSC. From a building infrastructure point of view, the entire mechanical, electrical, plumbing, fire alarm, and fire protection system will need to be upgraded to meet current code.

The Brooklyn Public Library | IT Designer

The existing branch library in Brooklyn, NY will be replaced with a new 20,755-sf facility with at least 18,000-sf accessible to the public effectively doubling the public space. Built out within a mixed use building which will be developed on the site, the new building will contain a modern, larger library housed in the ground floor and cellar as well as a portion of the second floor. There will also be 49 units of affordable housing located on a portion of the second through eighth floors.

Irish Arts Center | IT Designer

Provided audiovisual, IT infrastructure, and security designer services for the Irish Arts Center in New York, NY.

Hispanic Society of America Museum | IT Designer

This project involves creating a special exhibition gallery for the museum, restoring the Audubon Terrace, expanding public facilities, upgrading Main Building infrastructure, and improving accessibility, circulation and the visitor experience in New York, NY. We also understand that the project will be realized in two phases.



3. RESUMES

David Goetz, CPP, PSP

Project Role: **Security Designer**

MA Registration Type: **N/A**

Years w/ Firm: **9**

Total Years Experience: **14**

Additional Registrations/Certifications:

Certified Protection Professional (CPP); ASIS International

Physical Security Professional (PSP); ASIS International

Availability: **80%**

Applicant Office Address:
**275 Madison Avenue
New York, NY 10016**

Mr. Goetz focuses on finding the appropriate physical security solutions for a wide range of clients. He tailors his security designs based on each individual client's needs with an effort to attain the highest in security industry standards and practices. He is familiar with risk and vulnerability assessments, DHS, and other agency standards knowledge, emergency management development, procedures and protocols, and a broad view of both physical and operational securities.

Project Experience

Education Development Center (EDC) Public Health Lab | Project Manager

This project consists of the ground-up construction of a new municipal health laboratory on a site within the Harlem Hospital Campus in New York, NY. The project will also include demolition of existing facilities that occupy the new site. An approximately 35,000-sf parcel within the Harlem Hospital Campus site has been identified for the new Public Health Lab (PHL), which will serve and strengthen the City of New York by building resiliency in defense against infectious diseases and maintain the laboratory's role as a world-class testing facility.

Glow YMCA | Security Designer

Approximately 55,000 sf of the project will be dedicated to the YMCA facility, hosting programs such as a natatorium, gymnasium, exercise studios, along with child watch and preschool activities in Batavia, NY.

Fordham University Arcade MSC Renovation | Project Manager

Working with Fordham University in Bronx, NY to pursue limited renovations to the MSC. From a building infrastructure point of view, the entire mechanical, electrical, plumbing, fire alarm, and fire protection system will need to be upgraded to meet current code and six rooftop units (RTUs) serving the heat pump systems, loading dock, clubroom, and bar and lounge area. The old equipment, which is approaching the end of its useful life, is being replaced with newer units offering efficient features such as demand control and energy recovery.

SUNY Purchase Security Upgrades | Project Manager

Implementing security upgrade projects across the campus in Purchase, NY, including access control and monitoring devices on the exterior doors on two different buildings on campus (Visual Arts and Music Buildings), providing new 'shelter-in-place' door modifications and/or hardware on identified doors in various buildings on campus, upgrades to allow for remote emergency broadcasting, a new license plate reading system, and integration of a new Alertus system.

Lincoln Center David Geffen Hall | Security Designer

This is a renovation project that will modernize and adapt the existing David Geffen Hall at Lincoln Center in New York, NY, to provide a revitalized performance venue that will best support the continued programmatic excellence of each organization including not only the NY Phil but feature presentations of LCPA's series and festivals along with diverse outside licensee programming. Modern Information Technology systems will help improve the guest experience and the LCPA employees work experience.

Staten Island Museum Renovation | Security Designer

The Staten Island Museum is renovating an abandoned building into expansion galleries and offices for the museum. The project entails Building A for Art, and Building B for Natural Science and History. The purpose of the project is to restore and preserve the building's historic character and sit cohesiveness, improve site accessibility between the two buildings, and to provide expanded facilities and proper collection storage for the museum.



3. RESUMES

LLM Design Inc. (WBE/MBE)

Services Provided: Interior Design and Wayfinding

Leila Mitchell

Project Role: **Interior Design Support and Wayfinding Specialist**

MA Registration Type: **N/A**

Years w/ Firm: **9**

Total Years Experience: **26**

Additional Registrations/Certifications: **N/A**

Availability: **15%**

Applicant Office Address:
**131 Dartmouth Street, Fl 3
Boston, MA 02116**

With more than 25 years of design experience, Ms. Mitchell will use her multidisciplinary design experience to create a branded interior design experience that appeals not only to the users and the community, but that also enhances the physical context. She will also use her multidisciplinary design experience to create branded graphics and signage that embody the essence of the brand and culture through a well thought out user experience. She guides her team through a defined process that identifies how she can tangibly realize the brand story for both the employee and visitor experience, connect a variety of space typologies, and develop a consistent system. Ms. Mitchell not only continuously seeks to hire from women and minority groups, she is also active in promoting these efforts at a wider level in the community as an active leader in a number of organizations including as Chair of the Diversity Committee of Design Museum Everywhere, the Anti-Racism Working Group of Mass Art's Alumni Leadership Council, and the Diversity Parent committee at Milton Public Schools.

Project Experience

Corbus Pharmaceuticals Headquarters | Principal-in-Charge

Oversaw the fit-out and interior design in two phases of new 60,000-sf headquarters space in Norwood, MA for this growing pharmaceutical manufacturer that is focused on developing breakthrough therapies for rare disease. Design focused on finishes that capture the Corbus branding to create a space that provides a sense of movement reflecting health and well being. The space includes an all-hands café for meetings, a roof deck, as well as centrally located conference and breakout areas that promote team collaboration. LLM also designed environmental graphics that speak to visitors and employees of Who We Are, What We Do, and Where We Have Been messaging that engages staff and reinforces the importance of their mission.

Ginkgo Bioworks | Principal-in-Charge

Oversaw the design and implementation of branded environmental graphics across several offices including two in Boston, one in Cambridge, and one in California to showcase the company's pioneering role in scientific discovery. Tasks included guiding a team of designers to develop a master plan program for wayfinding and environmental graphics that was designed from recognizable scientific elements. This

system created distinctive identities for each lab unit while maintaining a cohesive connection between them. Environmental graphics were applied to feature walls, workspaces, labs, and conference rooms to reinforce the overall Ginkgo Bioworks brand and create a workspace that reflects its fascination with the beauty of science.

CRISPR Therapeutics | Principal-in-Charge

Led the design effort for branded graphics, as well as interior ADA and exterior signage, for new 263,500-sf headquarters space in South Boston. Tasks included developing a program for all graphic moments and signage locations, design of graphics for labs, hallways, coat racks, wayfinding, as well as selection of accent wall paint and mural art, and management of fabrication and installation. These design elements were developed into a toolkit of branded graphic elements for use across the building. Graphics were designed to translate the company's values and vision into the workplace environment.

Nuance Communications | Principal-in-Charge

Oversaw design and development of a branded graphics and signage experience for a speech recognition company that would translate not only at its 200,000-sf headquarters in Burlington, MA, but also across 180 global offices. Drawing from the initial architectural material and paint palette, a matrix of graphic patterns, information graphics, and brand text phrases were overlaid onto a wayfinding system with visuals such as different spoken languages, computer generated code, and data. This system became a toolkit for a branded environmental graphics design that is currently being implemented throughout their global office portfolio to build a common corporate culture.

CUNA Mutual Group | Principal-in-Charge

Oversaw design of branded graphics, signage and wayfinding for 100,000-s headquarters in Madison, WI to create a workspace that truly reflects the company's mission and vision. Working from the company's mission to bring a brighter financial future to everyone, the design focused on using light as a design element in the branded moments throughout their space. A variety of techniques and installations were used, within strict budget parameters, to translate the company's values in practice. Ms. Mitchell also oversaw the design of wayfinding, ADA signage, and exterior signage.



4. PRIME EXPERIENCE

STV

Services Provided: Architecture, Civil, Mechanical (M/P/FP), Electrical, Planning and Programming

LACDPW Camp Vernon Kilpatrick Replacement

Malibu, CA

Project Team:

Principal-in-Charge: David Miles Ziskind, FAIA, NCARB, LEED® AP BD+C

Other Key Team Members:

- R. Price Jepsen, AIA, NCARB, LEED AP BD+C, IIDA | Lead Programmer and Concept Design

Date Completed: **2017**

Construction Cost: **\$52.5 million**

Client Contact Info:

Los Angeles County Department of Public Work
Vince Yu, Head, Architectural Unit

VYU@dpw.lacounty.gov

900 South Fremont Ave, 8th Floor

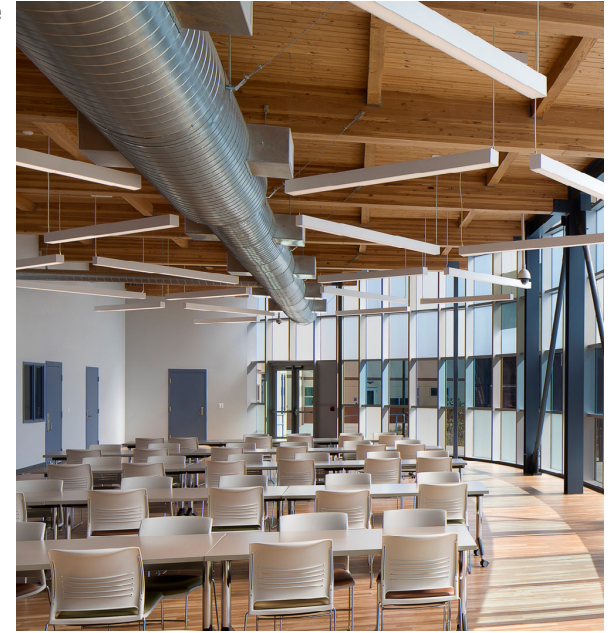
Alhambra, CA 91803

(626) 300-3200

A unique feature of Camp Kilpatrick is that it is the only facility of its kind in the county that gives residents the opportunity to participate in nine California Interscholastic Federation sports programs, including basketball, baseball, football, soccer, and track. This provides participants with both a sense of pride and strong incentive for good behavior, and a new multipurpose athletics field was included in the design for the new campus.

The Los Angeles County Board of Supervisors determined that it would be more expensive over the long term to continue performing regular maintenance and make necessary repairs to the 50-year-old Camp Vernon Kilpatrick Juvenile Probation Campus in Malibu, CA, than to demolish and rebuild it. The Los Angeles County Department of Public Works (LACDPW) selected STV to prepare the demolition package for the existing facilities and the programming and bridging documents for design-build bidding for the \$52.5 million reconstruction of the camp.

Research has shown that small group settings are the most therapeutic for incarcerated adolescents, and the design for the reconstruction of the campus replaced two residential dormitories with five 5,000-sf cottages to which supervisors can assign 120 residents — 15- to 18-year-old males considered to be at moderate- to high-risk of reoffending — according to their treatment needs. New structures also include an administration building, a support center, and an ancillary building. The layout and design of the campus provides staff with a higher level of visibility of all areas used by residents, and academic and vocational class space is located within the cottages to help foster a safer and more rehabilitative environment.



The new campus was designed to LEED Silver standards, incorporating sustainable elements such as energy-efficient light fixtures with timers, an HVAC energy management control system, water-efficient toilet fixtures, and drought-tolerant landscaping.



STV In-House Disciplines:

- Architectural
- Civil
- Mechanical (M/P/FP)
- Electrical
- Planning and programming

Project Highlights:

- Design of trauma-informed spaces that address youth educational, psychological, and health needs
- Sustainable building features designed to meet LEED Silver certification



Commonwealth of Massachusetts

DSB Application Form

4. PRIME EXPERIENCE

STV

Services Provided: Architecture, Structural, Geotechnical

DASNY Suffolk County RTA Detention Facility Bridging Consultant Services

Yaphank, NY

Project Team:

Principal-in-Charge: David Miles Ziskind, FAIA, NCARB, LEED® AP BD+C

Project Manager: Jeff Hyman, AIA

Other Key Team Members:

- Frank Greene, FAIA, NCARB, IIDA | Lead Architect
- Price Jepsen, AIA, NCARB, LEED AP BD+C, IIDA | Programming Lead

Date Completed: **Ongoing**

Construction Cost: **\$20 million**

Client Contact Info:

Dormitory Authority State of New York (DASNY)

Joel Davidson, AIA, NCARB, LEED AP BD+C,

Design Project Manager

jdavidson@dasny.org

28 Liberty Street, 55th Floor

New York, NY 10005

(212) 273-5048



This design will target LEED Gold performance requirements



Commonwealth of Massachusetts

DSB Application Form

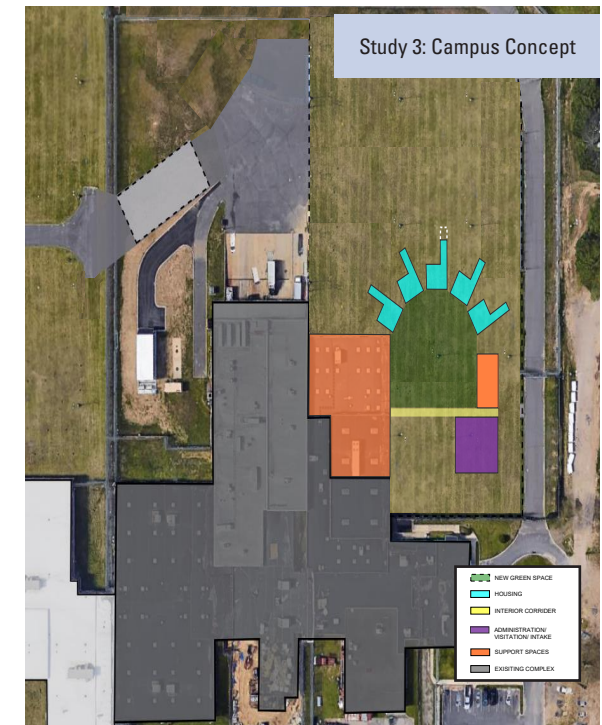
The State of New York's "Raise the Age" (RTA) mandate, issued in April 2017, aims to provide age-appropriate housing for 16- and 17-year-old felons by removing them from adult jails and housing them separately in existing juvenile detention facilities as the new category of Adolescent Offenders, or AOs. Suffolk County currently lacks appropriate facilities for AOs and has thus far complied with the RTA mandate by sending AOs to be housed in other facilities throughout the state. Due to this strategy's high cost and inconvenience, however, DASNY is now planning to support Suffolk County in the development of a dedicated juvenile facility on its existing correctional campus in Yaphank, NY. STV is developing design-build bridging documents for this new facility.

The new juvenile detention facility will be developed using a trauma-informed design approach in order to provide a therapeutic, healing environment and identity. It will include approximately 40 beds, divided into 8-bed units that will provide residential-scale housing in a normative environment. These units will allow AOs, Juvenile Offenders, and Juvenile Delinquents to be housed separately in settings that are age-appropriate for each group. Separate units will also be provided for male and female residents of each age group. Each eight-bed unit will include a private bedroom for each resident, shower and bathroom facilities, and a communal dining and living area. The new facility will also have indoor and outdoor recreation facilities and at least two classrooms.

The facility's design will take advantage of the correctional campus's existing operational infrastructure while maintaining a separate identity. While the existing facility will provide health services, sight and sound separation will allow juveniles to remain insulated from adults while receiving these services.

STV is working to develop programming for the new facility, including an architectural and operational program of requirements with space needs, operational and functional adjacencies, and room data sheets. The firm is evaluating the site in order to prepare conceptual design and site planning, as well as schematic design,

preliminary cost estimates, design development drawings, and preliminary specifications. After supporting DASNY and Suffolk County through the design-build bidding and award process, STV will provide construction observation and continuing review and support.



STV In-House Disciplines:

- Architectural
- Structural
- Geotechnical

Project Highlights:

- Providing consultant services for a new juvenile facility using a trauma-informed design approach
- The new facility will have indoor and outdoor recreation facilities and at least two classrooms

4. PRIME EXPERIENCE

STV

Services Provided: Architecture, Civil, Mechanical (M/P/FP), Electrical

DASNY South Beach Psychiatric Center New Residential Building

Staten Island, NY

Project Team:

Principal-in-Charge: David Miles Ziskind, FAIA, NCARB, LEED® AP BD+C

Project Manager: Jeff Hyman, AIA

Other Key Team Members:

- R. Price Jepsen, AIA, NCARB, LEED AP BD+C, IIDA | Programming Lead
- Dirtworks Landscape Architecture, P.C.
- Shen, Milsom, & Wilke, LLC (MBE)

Date Completed: **2021**

Construction Cost: **\$217 million**

Client Contact Info:

New York State Office of Mental Health (NYSOMH)

William Stasack, Project Manager
44 Holland Ave
Albany, NY 12229
(518) 330-3340



The design included sustainable building features, such as a green roof, to meet the goal of LEED certification to the Silver level



DASNY and the New York State Office of Mental Health (OMH) were in need of a new residential building for OMH's South Beach Psychiatric Center, that can withstand the level of wind damage it sustained during Hurricane Sandy. STV provided architectural and engineering services for the \$217 million, 261-bed project, which provides modern patient care in a healing setting at the 288-acre campus. The Building includes a separate age and gender specific wing with outdoor space for adolescents designed to heal and inspire hope.

STV designed the residence to provide a normative living environment that supports the center's client-centered team approach to patient care. The team used Revit building information modeling software to design the 5-story, 221,000-sf building that replaced five outdated cottages and houses 250 adults and 11 adolescents. Linked to the center's STV-designed Central Services Building, the building provides convenient access to nearby medical and pharmacy areas. Large, floor-to-ceiling glazing and high ceilings enhance the views of the adjacent state park and the ocean, and allow abundant natural light into the treatment areas, lobbies, and public corridors. The design team incorporated interior design features such as a "Main Street" concept with access to living and dining areas, shops, concessions, recreation, and class facilities. Small courtyards and outdoor spaces provide areas for relaxation and respite. STV worked closely with NYSOMH to comply with its unique engineering and design standards and patient safety criteria.

Project Planning

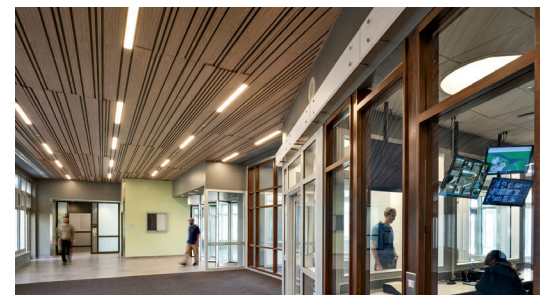
After a kickoff meeting that involved input and collaboration from STV, DASNY, NYSOMH, and the hospital's executive management, the group then toured three new psychiatric facilities. The objective of the visits was to develop a better common understanding of how other project teams had solved behavioral problems through good design solutions. Tours also served to develop a better shared vocabulary for discussing design challenges and solutions. Early coordination helped to avoid potential design conflicts and cost overruns. Improved communication not only lowered the up-front purchase cost, but also eased the long-term burden of maintenance and testing while producing a "cleaner" ceiling design.

Project Highlights:

- Youth appropriate housing wing with educational, program, and recreation areas.
- Design of trauma-informed spaces that address educational, psychological, and health needs
- Occupied/operational during design
- Secure outdoor recreation areas
- Resilient and sustainable building features designed to meet LEED Silver certification
- Early coordination with stakeholders

STV In-House Disciplines:

- Architectural
- Civil
- Mechanical (M/P/FP)
- Electrical



4. PRIME EXPERIENCE

STV

Services Provided: Architectural, Civil, Mechanical (M/P/FP), Electrical, Structural, Programming

Worcester County Combined Intake and Medical Unit

West Boylston, MA

Project Team:

Principal-in-Charge: David Miles Ziskind, FAIA, NCARB, LEED® AP BD+C

Other Key Team Members:

- Benjamin Lassel, AIA | Designer
- R. Price Jepsen, AIA, NCARB, LEED AP BD+C, IIDA | Programming
- Michael Camoscio, P.E., LEED AP BD+C | Mechanical Engineer
- Nikola Nikolov, S.E. | Structural Engineer

Date Completed: **2015**

Construction Cost: **\$15 million**

Client Contact Info:

Worcester County Sheriff's Office
Scott Ennis, Director of Facility Management
sennis@sdw.state.ma.us
5 Paul X. Tivnan Drive
West Boylston, MA 01583
(508) 854-1899



Sustainable design features to meet LEED Silver certification



The Worcester County Jail and House of Correction's original intake and processing area was inadequately sized to support the increased population, and a second intake area was added in adapted space. The result was a split, inefficient operation with inadequate services. Compounding the problem, medical services were remote from the intake areas and there was a severe need for a detox unit to support the intake mission.

STV was selected to undertake a study and develop a concept for a new intake processing facility combined with out-patient medical services and an in-patient 20-bed detox unit. This programmatic combination is responsive to the need to provide trauma-informed medical and mental health treatment for all arriving detainees, as well as efficiently manage daily movements to courts for a pre-trial population.

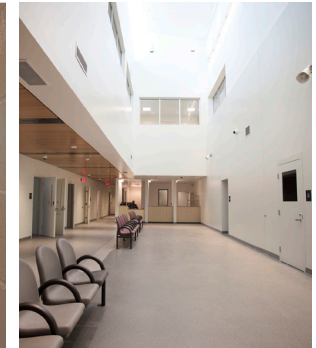
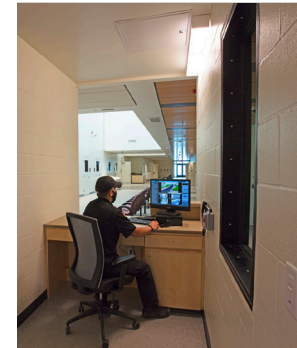
STV reviewed previous facility studies and conducted programming interviews and stakeholder meetings with the WCSO administration, custody, and medical staff to understand and document the facility's programming needs. The goal was to develop a program and concept that allows the WCSO operation to provide efficient intake processing and medical treatment in one centralized location.

Several sites on the campus were examined and consideration was given to maintaining ongoing operations during construction, as well as efficient access for the high-volume of movement from the facility. STV developed a comprehensive Certified Study that included a detailed architectural and operational program, data sheets for proposed spaces, site and concept studies, a preferred option, recommendations for engineering systems, a cost report, and a schedule report with phasing.

Subsequent to the Certified Study, STV was selected to develop the final design and construction documents. To support the need for ongoing operations and budget, the project was built in two phases.

STV In-House Disciplines:

- Architectural
- Civil
- Mechanical (M/P/FP)
- Electrical
- Structural
- Programming



Project Highlights:

- Design for a new intake processing facility combined with out-patient medical services and an in-patient 20-bed detox unit
- Reviewed previous facility studies and conducted programming interviews and stakeholder meetings
- Certifiable Building Study Report
- Construction phasing for an occupied secure facility
- Design integrated medical and intake services and focused on reducing stress and trauma

4. PRIME EXPERIENCE

STV

Services Provided: Architecture, Mechanical (M/P/FP), Electrical, Structural

MSBA Technical Review Services

Statewide, MA

Project Team:

Principal-in-Charge: David Miles Ziskind, FAIA, NCARB, LEED® AP BD+C

Project Manager: Price Jepsen, AIA, NCARB, LEED AP BD+C, IIDA

Date Completed: **2020**

Construction Cost: **\$745,340 (fee)**

Client Contact Info:

Massachusetts School Building Authority (MSBA)

Mary Pichetti, Director of Capital Planning
mary.pichetti@massachusetts-school-buildings.org

40 Broad St, Suite 500

Boston, MA 02109

(617) 720-4466

STV provided a Special Study of Massachusetts Collaborative for High Performance Schools (MACHPS), LEED, and Massachusetts Stretch Energy Codes in preparation for anticipated change in the codes. The study also helped MSBA develop policy for the implementation and funding for high-performance designs.

STV provided architectural and engineering consulting services to the MSBA for the review of proposed and ongoing building projects, as well as special technical studies. In addition to completing "Senior Studies" during the contract to evaluate school construction grant applications, STV also peer-reviewed several projects in the design phase and led various special assignments, including an analysis of sustainable design standards and an assessment of school technology needs throughout the state.

Senior Study Assessments

STV conducted more than 400 assessments, known as "Senior Studies." The process at each school began by interviewing various school personnel to identify goals and concerns. The goal was to fully understand how the conditions impact educational programs and learn about the school districts' capital program goals. STV architects and engineers also toured the facilities, observing the program areas and physical condition of major building systems. They also observed the educational environment at each school.

The firm prepared reports outlining observations and providing analysis of each school's stated needs. This technical guidance and perspective helps the MSBA determine the next steps in the funding process for each district.

Detailed Technical Review of Design and Construction Documents

STV performed detailed, multidisciplinary technical peer reviews of school building designs, including schematic designs, design development documents, 60% and 90% construction documents, and related materials. For each review, STV was given a 7-day turnaround to assess compliance with MSBA regulations, guidelines, and policies; applicable building, sanitary, and safety codes; and procurement statutes and regulations. The firm also verified whether designers addressed and/or incorporated MSBA comments in the submittals and assessed the overall quality of each submission using a standard MSBA template. As of March 2020, STV had reviewed plans for twelve projects ranging from 60% to 90% submissions.

Special Technical Studies

STV also assisted with "special technical studies" to evaluate a range of issues that affect school design and construction, including building codes, site selection, new construction, renovation options, educational programs, and proposed changes or additions to MSBA policies and programs.

STV In-House Disciplines:

- Architectural
- Mechanical (M/P/FP)
- Electrical
- Structural



Project Highlights:

- More than 400 assessments of Massachusetts school facilities to observe program areas and major building systems
- Peer reviews of school building designs
- Evaluation of school design and construction issues
- Analysis of sustainable design standards and an assessment of school technology needs throughout the state



4B. SUBCONSULTANT EXPERIENCE

Dirtworks Landscape Architecture PC.

Services Provided: Landscape Architecture

Vassar Brothers Medical

Location: **Poughkeepsie, NY**

Date Completed: **2020**

Key Members: **David Kamp, Britt Zuckerman, Alex Hart**

Construction Cost: **\$545 million**

Client Contact Info: **Larry Bell, (845) 475-9687, lbell@health-quest.org**

Project Description:

The development of Vassar Brothers Medical Center's new inpatient pavilion expresses a commitment to improve individual health, build community, and promote environmental well-being. Their work included extensive master planning for the campus, which looked beyond the boundaries of the project to benefit regional environmental and economic health initiatives as well.

Project Relevance:

This project uses landscape to create places of healing for patients, visitors, and staff, all of whom can be under considerable stress, and some of whom can be recovering from physical injury. Their design provides thoughtful spaces for these individuals to experience the healing influences of direct contact with nature, in a safe, controlled environment.



Els for Autism

Location: **Jupiter, FL**

Date Completed: **2017**

Key Members: **David Kamp**

Construction Cost: **\$3 million (landscape)**

Client Contact Info: **Amy Wagenfeld, awagenfe@uw.edu**

Project Description:

The Sensory Arts Garden at The Els Center of Excellence is designed for individuals with autism. Grounded in interdisciplinary research and collaboration, the garden establishes a nurturing sensory environment, celebrates individual strengths and preferences, and positions nature as an essential partner in health and wellness.

Project Relevance:

Individuals with autism require spaces with specific characteristics to allow for interaction, learning, and rest. Complicating this further can be the need of different individuals having different specific requirements. Their design approach creates a wide range of spaces for all patients and guests to find a type of natural connection that works for them, while also supporting therapeutic programs from the staff.



Bronx Children's Psychiatric Center

Location: **Bronx, NY**

Date Completed: **N/A**

Key Members: **David Kamp**

Construction Cost: **\$350 million**

Client Contact Info: **Dr. Christopher Myers, (718) 239-3621, bcpgcnm@omh.state.ny.us**

Project Description:

The design establishes a comprehensive therapeutic and sustainable campus landscape. Incorporating native plant regeneration, bioremediation, integrated pest management and other sustainable maintenance programs, the site's landscape seamlessly melds into the surrounding native buffer. The result is a serene, seasonally interesting setting for the hospital and a welcoming arrival sequence screened from nearby buildings.

Project Relevance:

This major facility provides psychiatric services for children of all ages, requiring the design to adapt to both security needs as well as the unique characteristics of children working through mental illness. By providing opportunities for the children to engage with nature at their own pace, guided by staff in a secure environment, they are able to make important connections with each other and the landscape in a larger healing effort.



4B. SUBCONSULTANT EXPERIENCE

The Friday Group, LLC

Services Provided: Specifications Consulting

DCAMM UMass Lowell House Doctor Contract

Location: **Lowell, MA**

Date Completed: **2018**

Key Members: **Lars Hubbard**

Construction Cost: **N/A**

Client Contact Info: **Ellenzweig, Neil Cahalane, (617) 491-5575, cahalane@ellenzweig.com**

Project Description:

Provided specifications consulting for multiple assignments across the UMass Lowell campus under a house doctor contract.

Project Relevance:

- Experience with DCAMM
- Specifications consulting for assignments across a public higher education campus
- Renovation tasks delivered under a house doctor contract
- Designed per Commonwealth of Massachusetts requirements



University of New Hampshire Spaulding Life Sciences Hall

Location: **Durham, NH**

Date Completed: **2020**

Key Members: **Lars Hubbard**

Construction Cost: **\$86 million**

Client Contact Info: **Ellenzweig, Neil Cahalane, (617) 491-5575, cahalane@ellenzweig.com**

Project Description:

Provided specifications consulting for the major expansion and renovation of the University of New Hampshire's Spaulding Life Sciences Hall, a bioscience research facility originally constructed in 1960. A top priority project for the university, work entails construction of a new 47,000-sf addition as well as the renovation of 83,000 sf of existing laboratory and classroom spaces.

Project Relevance:

- Specifications consulting for the renovation of a public higher education facility



MCCA Design Services Task-Order Contract

Location: **Boston and Springfield, MA**

Date Completed: **2018**

Key Members: **Lars Hubbard**

Construction Cost: **N/A**

Client Contact Info: **MCCA, John Donahue, (617) 954-2042, jdonahue@signatureboston.com**

Project Description:

Provided specifications consulting for numerous MCCA projects. Assignments spanned mechanical upgrades, site planning, renovation and new construction, facility studies, and drawing review and updates for structures such as the BCEC, Hynes Convention Center, MassMutual Center, parking garages, and civil infrastructure.

Project Relevance:

- Specifications consulting for public facilities
- Renovations delivered under a task-order contract
- Subconsultant to STV
- Designed per Commonwealth of Massachusetts requirements



4B. SUBCONSULTANT EXPERIENCE

The Friday Group, LLC

Services Provided: Specifications Consulting

MDPH Tower Renovations

Location: **Boston, MA**

Date Completed: **Ongoing**

Key Members: **Lars Hubbard**

Construction Cost: **\$129 million**

Client Contact Info: **Payette, Jeffrey DeGregorio,**
(617) 895-1192, jdegregorio@payette.com

Project Description:

Providing specifications consulting for the major phased renovations of the Department of Public Health's Tower Building, also called the William A. Hinton State Laboratory Institute, on its Jamaica Plain campus. The 208,000-sf revitalization will better accommodate the operations of the Bureau of Infectious Disease and Laboratory Sciences and the Bureau of Environmental Health.

Project Relevance:

- Specifications consulting for the renovation of a public facility
- Being designed per Commonwealth of Massachusetts requirements



GSU Center for Engineering and Research

Location: **Statesboro, GA**

Date Completed: **2020**

Key Members: **Lars Hubbard**

Construction Cost: **\$25 million**

Client Contact Info: **Stevens & Wilkinson,**
Todd Dolson, (404) 521-6323,
tdolson@stevens-wilkinson.com

Project Description:

Provided specifications consulting for Georgia Southern University (GSU)'s new Engineering and Research Building, a 135,000-sf, state-of-the-art building that houses the Department of Manufacturing Engineering as well as mechanical engineering faculty. The educational facility is comprised of lobbies and gathering spaces, more than half a dozen specialized laboratories, and a high bay space for collaboration on large-scale projects.

Project Relevance:

- Specifications consulting for a public higher education facility



4B. SUBCONSULTANT EXPERIENCE

City Point Partners LLC (WBE)

Services Provided: Cost Estimating

DCAMM Suffolk County Sheriff's Department Jails Plumbing Replacement Study

Location: **Boston, MA**

Date Completed: **2021**

Key Members: **Lakshmi Sabbisetty, Lead Cost Estimator**

Construction Cost: **\$5,000 (fee)**

Client Contact Info: **CHA, Patrick McGinn, Project Manager, (518) 469-7682, pmcginn@chacompanies.com**

Project Description:

Develop schematic design cost estimates for the evaluation of the plumbing systems at the South Bay House of Correction (HOC) and the Nashua Street Jail (NSJ) facilities. Supporting the feasibility study which will evaluate and make recommendations for fixing deficiencies in the existing plumbing systems.

Project Relevance:

- Repair and renovation of existing buildings
- Complete plumbing building systems evaluation as per building codes
- Cost estimates provided under a DCAMM House Doctor contract
- Proposed improvements to a public agency's existing facilities
- Deferred maintenance study



University of Massachusetts Building Authority (UMBA), Fine Arts Center Bridge Renovation

Location: **Amherst, MA**

Date Completed: **2021**

Key Members: **Lakshmi Sabbisetty, Lead Cost Estimator**

Construction Cost: **\$11 million**

Client Contact Info: **UMBA, Charlie Paradie, Project Manager, (617) 287-3200, cparadie@umassp.edu**

Project Description:

This project is a renovation of the fourth floor Bridge for the College of Humanities and Fine Arts. A gut renovation of program spaces allowing departments to discontinue usage of substandard spaces elsewhere in the building. During the design and pre-construction phases, the firm provided independent cost estimating, contractor procurement, project budgeting, risk analysis, and value engineering services. They also provided construction inspection services and reviewed the contractor's cost estimate and schedule.

Project Relevance:

- Independent cost estimates and review of architect's estimates
- Proposed improvements to a public agency's existing facilities
- Familiarity with public bidding requirements
- Building redesign including upgrades to MEP building systems and building envelope improvements as per building codes
- Improvements to an architecturally significant building within the context of a larger campus



Massachusetts Convention Center Authority (MCCA), On-Call Owner's Project Management Services

Location: **Boston and Springfield, MA**

Date Completed: **Ongoing**

Key Members: **Lakshmi Sabbisetty, Lead Cost Estimator**

Construction Cost: **\$23 million (contract value)**

Client Contact Info: **MCCA, John Donahue, Chief of Operations and Capital Projects, (617) 954-2042, jdonahue@signatureboston.com**

Project Description:

Providing cost estimating services to support an OPM contract for capital projects at facilities including the Boston Convention and Exhibition Center (BCEC), the Boston Common Garage, the Hynes Convention Center, and the MassMutual Center in Springfield. Project types include buildouts of business space, renovation construction of a new vertical core at the BCEC, escalator and elevator repair and replacement, construction of a new urban garden, modernization of executive suites and restrooms, waterproofing the Boston Common Garage and upgrades to MEP systems.

Project Relevance:

- House Doctor contract with cost estimating service.
- Familiarity with public bidding requirements
- Retrofit of interior spaces for a state-owned building
- Multi-year contract commitment
- Contract incorporates multiple campuses and facilities
- Improvements to MEP/FP building systems as well as building envelope repairs and upgrades



4B. SUBCONSULTANT EXPERIENCE

City Point Partners LLC (WBE)

Services Provided: Cost Estimating

Massachusetts State Police (MSP) Headquarters Office Renovation

Location: Framingham, MA

Date Completed: 2022

Key Members: **Lakshmi Sabbisetty, Lead Cost Estimator**

Construction Cost: **\$7,500 (fee)**

Client Contact Info: **MSP, Paul Hession, Director of Facilities, (508) 820-2650, paul.hession@pol.state.ma.us**

Project Description:

Cost estimates for the conversion of the cafeteria wing into office and administration space for visiting agencies. Interior renovation of the 4,400-sf cafeteria wing included the demolition of CMU walls, removal of kitchen equipment, installation of new drop ceilings and partitions, relocation of electrical subpanels, renovation of toilet rooms, and reworking mechanical distribution systems. The design will reuse an existing roof top unit with the VAV units to be evaluated. There is existing hot water supplied off a central system, and domestic water will be re-worked into the new space.

Project Relevance:

- Repair and renovation of law enforcement facilities
- Renovation of interior spaces for a state-owned building which includes MEP/FP building systems upgrades and repairs as per building codes
- Cost estimating services in support of building interior renovations
- Under a DCAMM house doctor contract for design services



Massachusetts Emergency Management Agency Bunker Chiller Replacement Study

Location: Framingham, MA

Date Completed: 2022

Key Members: **Lakshmi Sabbisetty, Lead Cost Estimator**

Construction Cost: **\$10,000 (fee)**

Client Contact Info: **MEMA, Brian Rushlow, Facilities & Technical Unit, (508) 820-1470, brian.c.rushlow@mass.gov**

Project Description:

The existing water chiller was installed in the 1980s and has reached the end of its useful life. It is water cooled, coupled to a cooling tower located at grade, and connected to an emergency well water-cooling system for heat rejection. The study will evaluate the condenser water pumps and supporting chilled water system equipment, the existing chiller, and controls installation for efficiency and functionality. Providing cost estimates for the replacement of the HVAC water chiller and associated controls.

Project Relevance:

- Cost estimating services in support of upgrades to the building's water chiller
- Deferred maintenance study
- Under a DCAMM house doctor contract for design services



4B. SUBCONSULTANT EXPERIENCE

Code Red Consultants, LLC

Services Provided: MA Building Code Consulting

DCAMM Franklin County Jail

Location: **Greenfield, MA**

Date Completed: **2019**

Key Members: **Nate Birmingham, P.E.**

Construction Cost: **Unknown**

Client Contact Info: **Millennium Builder's Inc.,
John Mazzali, (860) 571-0555, jmazzali@mbict.com**

Project Description:

Development of a test plan and performing tests of existing windowless building systems for four "pods". Services associated with the requirement for annual testing of the smoke control systems.

Project Relevance:

- DCAMM
- Correctional Facility



DCAMM MCI Framingham Boiler Room

Location: **Framingham, MA**

Date Completed: **2019**

Key Members: **Nate Birmingham, P.E.**

Construction Cost: **Unknown**

Client Contact Info: **WSP, Scott Petit, (617) 426-0110, scott.petit@wsp.com**

Project Description:

A new structure with a total building area of approximately 17,500 sf. The facility consists of a 1st Floor and Mezzanine. A staff office, break room and locker rooms are located on the first floor as well. Code Red Consultants was retained to provide fire protection, life safety, and accessibility code consulting services primarily responsible for preparation of a Code Report documenting the major building code, fire protection, life safety, and accessibility requirements applicable to the project in accordance with the MA State building and Fire Codes as well as the ADA/MAAB Requirements.

Project Relevance:

- DCAMM
- Correctional Facility

DCAMM Department of Youth Services Fire Alarm

Location: **Dorchester, MA**

Date Completed: **2016**

Key Members: **Nate Birmingham, P.E.**

Construction Cost: **Unknown**

Client Contact Info: **Northeast Fire Systems,
Jim Yantosc, (857) 323-0363, yantosc@nefs.us**

Project Description:

This project was for replacement of the fire alarm control panel in Building M, connecting the existing zone wiring from obsolete Fire Alarm Control Panel to new zone cards connected to an adjacent notifier panel in Building L and replacement of the fire alarm control panel in Building L to allow the annunciation and control of the entire facility to occur on a single cohesive UL Listed fire alarm networked system. CRC performed a review of the proposed layout for conformance with the applicable codes and standards.

Project Relevance:

- DCAMM
- Correctional Facility

4B. SUBCONSULTANT EXPERIENCE

Code Red Consultants, LLC

Services Provided: MA Building Code Consulting

Town of Avon New Police Station

Location: **Avon, MA**

Date Completed: **2019**

Key Members: **Paul Moan, P.E.**

Construction Cost: **\$7 million**

Client Contact Info: **CBI Consulting, Michael Teller, (617) 268-8977, mteller@cbiconsultingllc.com**

Project Description:

Project was for the design and construction of a new 8,700 sf, single story building containing offices, conference and gathering spaces, storage, detention areas and locker rooms. Retained to provide fire protection and life safety code consulting services, Code Red was primarily responsible for preparation of a Code Summary Report.

Project Relevance:

- Correctional Facility



DCAMM Billerica House of Corrections POD Addition

Location: **Billerica, MA**

Date Completed: **2014**

Key Members: **Nate Birmingham, P.E.**

Construction Cost: **Unknown**

Client Contact Info: **WSP Group, Nancy Gould, (617) 451-3333, nancy.gould@wsp.com**

Project Description:

Provided CFD modeling services related to smoke control for this new two-story addition containing 256 beds and a one-story dorm with 240 beds.

Project Relevance:

- DCAMM
- Correctional Facility



4B. SUBCONSULTANT EXPERIENCE

Building Conservation Associates Inc.

Services Provided: Historic Preservation Consulting

Boston University Dahod Family Alumni Center

Location: **Boston, MA**

Date Completed: **2019**

Key Members: **Lisa Howe, Director**

Construction Cost: **\$28 million**

Client Contact Info: **Finegold Alexander, Rebecca Berry, (617) 272-9272, rberry@faainc.com**

Project Description:

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

Project Relevance:

- Full range of services on historic masonry building on higher education campus



Emerson College Walker Building

Location: **Boston, MA**

Date Completed: **2018**

Key Members: **Lisa Howe, Director**

Construction Cost: **\$2.3 million**

Client Contact Info: **Emerson College, Michael Faia, (617) 824-3188, michael_faia@emerson.edu**

Project Description:

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

Project Relevance:

- Historic restoration project on higher education campus



Lawrence Oliver Partnership School

Location: **Lawrence, MA**

Date Completed: **Ongoing**

Key Members: **Lisa Howe, Director**

Construction Cost: **\$76 million (est.)**

Client Contact Info: **SMMA, Helen Fantini, hfantini@smma.com**

Project Description:

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

Project Relevance:

- Restoration of a historic brick school building



4B. SUBCONSULTANT EXPERIENCE

Building Conservation Associates Inc.

Services Provided: Historic Preservation Consulting

Rockland Community Center

Location: **Rockland, MA**

Date Completed: **2016**

Key Members: **Lisa Howe, Director**

Construction Cost: **N/A**

Client Contact Info: **studioMLA Architects, Michael Lindstrom, (617) 608-1551, mlindstrom@studiomla.com**

Project Description:

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

Project Relevance:

- Review of materials and conditions on historic masonry building



Lowell Community Charter Public School

Location: **Lowell, MA**

Date Completed: **N/A**

Key Members: **Lisa Howe, Director**

Construction Cost: **N/A**

Client Contact Info: **Jacobs Project Management, David Choi, david.choi@jacobs.com**

Project Description:

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

Project Relevance:

- Conditions assessment of historic mill buildings



4B. SUBCONSULTANT EXPERIENCE

CDW Consultants, Inc. (WBE)

Services Provided: Hazardous Materials Consulting

Massachusetts State Police Study for Certification of Renovation Project, Cafeteria Renovation and Repurpose

Location: **Framingham, MA**

Date Completed: **2022**

Key Members: **Kathleen Campbell, PIC**

Construction Cost: **Unknown**

Client Contact Info: **MSP, Paul Hession,
Director of Facilities, (508) 820-2650, paul.
hession@pol.state.ma.us**

Project Description:

As part of House Doctor contract for Massachusetts State Police, CDW investigated the existing conditions of the Cafeteria Wing including observing and photographing interior finish, mechanical, electrical, plumbing, and structural conditions. Evaluated the interior hazardous material conditions including lead, asbestos, and PCBs. Results compiled to determine possible options and a recommendation for remediation for plumbing, fire protection, and MEP findings.

Project Relevance:

- Strong working subconsultant relationship with the Prime STV and the project manager Mike Camoscio in particular on projects similar in scope to the DYS Taunton contract that calls for documenting existing conditions, recommending detailed repairs and magnitude of cost for such repairs

Western Massachusetts Hospital Westfield State Sanatorium

Location: **Westfield, MA**

Date Completed: **2017**

Key Members: **Kathleen Campbell, PIC**

Construction Cost: **Unknown**

Client Contact Info: **HDR Architecture Inc.,
Harold Levkowitz, (617) 357-7700, harold.
levkowitz@hdrinc.com**

Project Description:

Performed hazardous building materials survey, work plans preparation, and monitoring and oversight for the abatement of materials including preliminary hazardous building materials survey on discovered utility tunnels and foundations and in subsurface to identify and quantify asbestos-containing building materials (ACM), as well as preparation and submitting of works plans, securing disposal facility approvals.

Project Relevance:

- DCAMM project at a turn-of-the-century "campus style" sanatorium that had been designed in the Kirkbride style. Project addressed bringing facility up to modern standards of care



Veterans Affairs Hospitals

Location: **Brockton and Jamaica Plain, MA**

Date Completed: **Ongoing**

Key Members: **Kathleen Campbell, PIC**

Construction Cost: **Unknown**

Client Contact Info: **HDR Architecture Inc.,
Jonathan Romig, (617) 357-7700, jonathan.
romig@hdrinc.com**

Project Description:

Perform hazardous materials investigation and abatement services for VA hospitals, including hazardous materials confirmatory testing, preparation of design documents under schematic/design development, preparation of contract documents, and construction administration services.

Project Relevance:

- The DYS Taunton contract calls for documenting existing conditions, recommending detailed repairs and magnitude of cost for such repairs



4B. SUBCONSULTANT EXPERIENCE

CDW Consultants, Inc. (WBE)

Services Provided: Hazardous Materials Consulting

MCI Framingham

Location: **Framingham, MA**

Date Completed: **2016**

Key Members: **Kathleen Campbell, PIC**

Construction Cost: **Unknown**

Client Contact Info: **DCAMM, Danelle Tudor, (617) 727-4050, danelle.tudor@state.ma.us**

Project Description:

Conducted asbestos abatement of boiler gaskets at MCI Framingham in Framingham, MA. The abatement will consist of an intact removal of gaskets once the flanges are separated. Since the gaskets will be abated intact, no containment is necessary and clearance will be visual. CDW will also prepare an abatement summary report.

Project Relevance:

- Professional services for hazardous materials abatement at a DCAMM/DOC facility. The DYS Taunton project's Goss Facility is operated as a "hardware secure facility" an environment in which the CDW team has experience



MA State Police Academy

Location: **New Braintree, MA**

Date Completed: **2015**

Key Members: **Kathleen Campbell, PIC**

Construction Cost: **Unknown**

Client Contact Info: **DCAMM, Danelle Tudor, (617) 727-4050, danelle.tudor@state.ma.us**

Project Description:

Hazardous materials sampling of potential ACM at two boilers and piping. Collected samples of potential ACM from homogeneous areas and submitted to a certified laboratory for analysis by polarized light microscopy. Prepared report of results. Conducted roof drainage study.

Project Relevance:

- The DYS Taunton pursuit requires demonstrated experience in the cost-effective repair and renovation of large facilities undergoing substantial renovation that will most likely include HVAC, electrical, plumbing, and mechanical systems as well as roof assessments



4B. SUBCONSULTANT EXPERIENCE

Erin Persky & Associates LLC

Services Provided: Trauma-Informed Design

Southeastern Live Well Center

Location: **San Diego, CA**
 Date Completed: **Ongoing**
 Key Members: **John Hinkel**
 Construction Cost: **\$80 million**
 Client Contact Info: **Steinberg Hart, John Hinkel, (619) 239-1346, jhinkel@steinberghart.com**

Project Description:

Ms. Persky is acting as the trauma-informed design subject matter expert on the design-build team for a new "Live Well Center" through the San Diego County Department of Health & Human Services (HHS). This facility houses the County's Family Resource Center, Department of Mental Health, Department of Public Health, Probation Services, Substance Use Disorder Services, Community-Based Organizations, and a community-accessible conference center.

Project Relevance:

Departments of HHS everywhere manage a wide variety of services and, subsequently, populations – including highly vulnerable youth. These populations require unique operational and design solutions that must be considered and reconsidered throughout the duration of the project. As this project was a consolidation of services, the location of each department within the building, wayfinding and adjacencies between these functions, and clear delineation of spaces through use of colors and other interiors cues was essential to creating a safe and easily navigable environment.



Eastlake Juvenile Hall

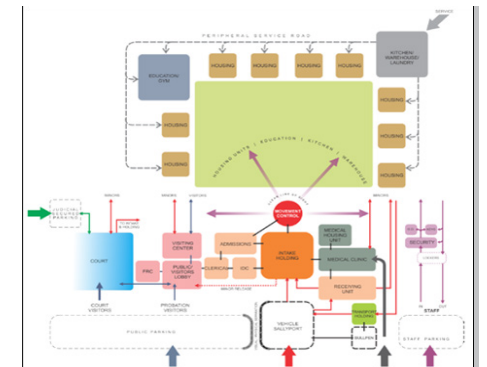
Location: **Los Angeles, CA**
 Date Completed: **2016 (Planning)**
 Key Members: **Erin Persky**
 Construction Cost: **N/A**
 Client Contact Info: **Jay Farbstein, (310) 454-6700, jayfarbstein@gmail.com**

Project Description:

Ms. Persky was on the planning team tasked with evaluating existing facilities in terms of their ability to meet functional, security, and environmental requirements and to estimate the scope of the needed facilities. The client wished to improve interior conditions for conformance with current best practices for environmental quality (a therapeutic, normalized environment conducive to rehabilitation for vulnerable juveniles), and for the delivery of mental health, medical, and educational services.

Project Relevance:

Planning and design of facilities for justice-involved youth require particular care, compassion, and attention to detail, as our society's children and adolescents are exceedingly sensitive and impressionable. Detailed consideration was given to planning for rehabilitative and restorative program spaces, suicide prevention in all areas, and a trauma-informed approach to the design of courts facilities, hall housing, and configuration of the overall campus plan.



Transition-Age Youth Program

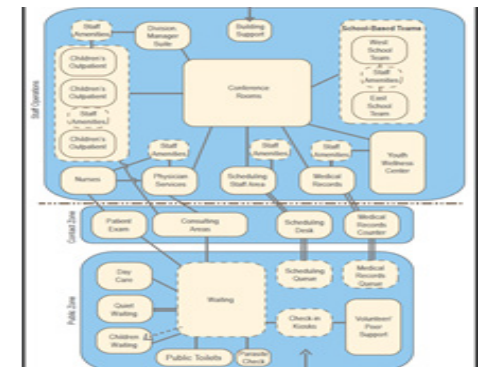
Location: **Fresno, CA**
 Date Completed: **2017 (Planning)**
 Key Members: **Erin Persky**
 Construction Cost: **N/A**
 Client Contact Info: **Jay Farbstein, (310) 454-6700, jayfarbstein@gmail.com**

Project Description:

Ms. Persky was a lead planner on this team, which conducted a study that detailed needs assessment and programming for a Transition-Age Youth Program (ages 16-28) for the Fresno County Department of Behavioral Health. This unit included a Youth Wellness Center, educational programs, mental health outpatient services, a Perinatal Wellness Center, a Crisis Stabilization Unit, a Psychiatric Health Facility, and a Day Treatment Program for adolescents, which is an intensive outpatient program for youth recently released from the County's Psychiatric Health Facility.

Project Relevance:

Existing facilities were outmoded and did not match the county's evolving standards of care. The planning team developed solutions for addressing the unique needs of this highly vulnerable population, with the overall goal of providing normalized, friendly, safe, and comforting facilities for all services provided.



4B. SUBCONSULTANT EXPERIENCE

Shen Milsom & Wilke LLC (MBE)

Services Provided: Acoustical, Audiovisual, IT, and Security Design

Children's National Health System

Location: **Washington, DC**

Date Completed: **2019**

Key Members: **Jeffrey Toner**

Construction Cost: **N/A**

Client Contact Info: **Timothy Hayden, Security Manager, (202) 476-5484**

Project Description:

SM&W provided security consulting project management for the Children's National Health System, Security Access Control System project. They replaced and unified the access control system across 25+ of their greater Washington, D.C. locations.

Project Relevance:

This healthcare facility is specifically made for children. This expertise is important as it adds value to our teams understanding of children's safety in hospitals.



Monroe Carell Jr. Children's Hospital Expansion

Location: **Nashville, TN**

Date Completed: **2018**

Key Members: **Matt Lammers, Anthony Bontomase**

Construction Cost: **N/A**

Client Contact Info: **N/A**

Project Description:

SM&W provided acoustical consulting expertise for the Monroe Carell Jr. Children's Hospital Expansion located in Nashville, TN. The four-floor vertical expansion of Monroe Carell Jr. Children's Hospital at Vanderbilt will include two built-out floors of universal pediatric patient rooms, and renovations and improvements to the existing building to support the additional bed capacity.

Project Relevance:

This hospital expansion specifically caters to children. This experience will help our team understand the nuances of what it is like to work on a project specifically targeted toward children.



Children's National Health System, Prince George's County Regional Outpatient Center

Location: **Glenarden, MD**

Date Completed: **2020**

Key Members: **Jeffery Toner**

Construction Cost: **N/A**

Client Contact Info: **N/A**

Project Description:

Shen Milsom & Wilke, LLC provided acoustical, audiovisual, IT Infrastructure, and security consulting expertise for the Children's National Health System. The 60,000-sf three-story building was designed with various spaces, an MRI, infusion center, and outpatient operating rooms.

Project Relevance:

This children's hospital caters to outpatient clients of adolescent age. This outpatient hospital aims to provide advanced health services to the residents of Prince George's County just like the DYS Taunton one will hopefully do once it is opened.



4B. SUBCONSULTANT EXPERIENCE

Shen Milsom & Wilke LLC (WBE)

Services Provided: Acoustical, Audiovisual, IT, and Security Design

Inova Health System, Fairfax Medical Campus Expansion

Location: **Falls Church, VA**

Date Completed: **2017**

Key Members: **John Mohan and Kevin Klasic**

Construction Cost: **\$850 million**

Client Contact Info: **Leland Klein, Project Management, (703) 776-2525**

Project Description:

Shen Milsom & Wilke has been a part of the Inova Fairfax Medical Campus improvement since 2008, providing design services for the 216,000-sf South Patient Tower, the 270,000-sf North Patient Tower and the 660,000-sf Women's and Children's Hospital. Their Washington, D.C. and Greater Philadelphia offices collaborated to provide acoustical, audiovisual, information technology, medical equipment planning, and security design solutions.

Project Relevance:

This hospital was extremely expansive and the project involved all of their services including AC, AV, IT and security. This included additional pediatric beds to the pediatric portion of this hospital which will be a requirement in the new project.



South San Francisco Wellness Center

Location: **South San Francisco, CA**

Date Completed: **2020**

Key Members: **Robert Alvarado**

Construction Cost: **N/A**

Client Contact Info: **SmithGroup, Julie Head, (415) 227-0100**

Project Description:

Shen Milsom & Wilke, LLC provided acoustical consulting expertise on South San Francisco Wellness Center. The new 45,000-sf healthcare facility includes the Medical Center, Behavioral Health, and Recovery Services.

Project Relevance:

This project provides the services such as recovery and behavioral services which are provided to children and adolescents.



4B. SUBCONSULTANT EXPERIENCE

LLM Design, Inc. (WBE/MBE)

Services Provided: Interior Design Support and Wayfinding

Cross Point

Location: **Lowell, MA**

Date Completed: **2019**

Key Members: **Leila Mitchell**

Construction Cost: **\$4 million**

Client Contact Info: **DeAnna Murphy, (617)**

590-0596, dmurphy@anchorlinepartners.com

Project Description:

Design of interiors, signage, and wayfinding focused on highlighting tenant amenities and shared spaces to create a unique and inviting campus. The firm designed a strong wayfinding system of back lit signs and color coding that leads to vibrant and uniquely inspiring spaces. Whether it is the social spot of Fuel, the game room of Flex, or the contemplative benches in the thoroughfare, Cross Point is a campus for the next generation.

Project Relevance:

Historically a building used for a technology company and large call centers, the 1,000,000-sf space had a minimal approach to materials, lighting and wayfinding. Renovation called for a more expressive and inviting design for new workplace culture, recognizing a need for more natural light, social interaction, and variety of space types. The seamless connection and energetic movement through these spaces were emphasized through color, scale, and graphics.



CUNA Mutual Group

Location: **Madison, WI**

Date Completed: **2022**

Key Members: **Leila Mitchell**

Construction Cost: **\$40 million**

Client Contact Info: **Bill Fedun, (239) 877-6014,**

bill.fedun@cunamutual.com

Project Description:

Design of branded graphics, wayfinding, and ADA signage for the 100,000-sf headquarters to create a workspace that embodies the company's mission and vision. A variety of techniques and installations were used, within strict budget parameters, to translate the company's values in practice. Graphic moments include elevator alcove light perforations, art panels on a rail system, and a custom light wall that is lit to display brand messaging text.

Project Relevance:

Designed with a neutral palette, the new building needed texture and color to truly bring this insurance company's brand values to life. Working from the company's mission to bring a brighter financial future to everyone, design focuses on using light as a design element in the branded moments throughout their space. Solutions were designed to be inexpensive and flexible, allowing for frequent updates.



Nuance Communications

Location: **Burlington, MA**

Date Completed: **2017**

Key Members: **Leila Mitchell**

Construction Cost: **\$1.2 million**

Client Contact Info: **Milena Pastori, (781)**

565-5000, milena.pastori@nuance.com

Project Description:

Design and development of a branded graphics and signage experience for a speech recognition company that would translate not only at its 200,000-sf headquarters in Burlington, MA, but also across 180 global offices. A matrix of graphic patterns, information graphics, and brand text phrases were overlaid onto a wayfinding system with visuals such as different spoken languages, computer generated code, and data.

Project Relevance:

To translate brand values into the space, LLM collaborated with multiple departments to understand what they do and how they work before identifying a system. Logistically, moving from space to space was also confusing due to the challenging floorplate layout. The inspired change of habits and culture, as well as ease of finding each other, is apparent across all divisions as teams pour into breakout spaces and easily locate conference rooms.



4B. SUBCONSULTANT EXPERIENCE

LLM Design, Inc. (WBE/MBE)

Services Provided: Interior Design Support and Wayfinding

Imprivata

Location: **Waltham, MA**

Date Completed: **2021**

Key Members: **Leila Mitchell**

Construction Cost: **\$2.5 million**

Client Contact Info: **Imprivata, Kelliann McCabe, (781) 430-2824, kmccabe@imprivata.com**

Project Description:

Interior design of 75,000-sf headquarters to bring the brand values to life in this new workspace. LLM directed the selection and specification of furniture, flooring (carpet, polished concrete, LVT), paint, light fixtures (20+ types), and plants/greenery that align with interior design intent and corporate culture. Spaces include numerous areas for collaboration, a connecting stair for gathering, cafe with booth seating, and work stations.

Project Relevance:

LLM Design has been collaborating with Imprivata since the beginning of its search for a new headquarters location. Their strategists worked closely with the Imprivata leadership team to develop a comprehensive workplace strategy that identified how employees liked to work, when they were most effective, and what would provide the best motivation and inspiration in a new workplace, designing interiors that supported this strategy.



Corbus Pharmaceuticals

Location: **Norwood, MA**

Date Completed: **2019**

Key Members: **Leila Mitchell**

Construction Cost: **\$3.2 million**

Client Contact Info: **Corbus Pharmaceuticals, Sean Moran (617) 963-0103, smoran@corbus-pharma.com**

Project Description:

Fit-out and interior design of 60,000-sf headquarters space that includes a formal reception area, an all-hands café for meetings, a roof deck, as well as centrally located conference and breakout areas. They used Corbus' patented molecular structure geometry as a prominent fixture in lighting as well as gradient lines that represent movement – the goal for the pharmaceuticals they produce for those suffering from chronic conditions.

Project Relevance:

Design was completed within a tight budget and incorporated the reuse of a portion of workstations. To create a space that reflects employees' active participation in the race for a cure, a full wall of colored cow bells was designed to represent their cultural expression of joy when bells are rung to announce positive test results. They also designed a wish wall for patients to record what they look forward to regaining once the drug takes effect.



5. SUPPLEMENTAL RESPONSE TO EVALUATION CRITERIA

Introduction



STV Incorporated (STV) is a leading multidisciplinary architectural, engineering, planning, and construction management firm dedicated to improvement of the public realm. We specialize in customized solutions for public administration, education, health, public infrastructure, public safety, courthouses, and secure detention facilities. The firm has the depth of available resources and services to staff multiple projects from existing building studies and needs assessments through design and construction administration. STV offers DCAMM and the Department of Youth Services (DYS) in Taunton 110 Massachusetts-based professionals and a team of expert consultants ready to perform the certifiable studies, schematic plans, final design documents, and construction administration services for the design of a state-of-the-art facility for youth in contact with the justice system.

The STV Team

STV has assembled an exceptional team to provide high-quality services for the **DYS Taunton – Southeast Regional Youth Service Center**. This project will transform the experience of contact with the justice system for vulnerable youth and their families and STV stands ready to build on the successful innovations of other **DYS** facilities across the Commonwealth. We have served DCAMM and other public clients on hundreds of projects for more than 40 years, and our team reflects a depth of expertise for a wide variety of public buildings throughout Massachusetts, including administrative office spaces, courthouses, youth facilities, hospitals, schools, and recreational facilities.

Subconsultants

STV will serve as the prime consultant responsible for overall project management, programming, design, and engineering coordinating our expert team to achieve superb results. **Our in-house design capabilities are supplemented by nine subconsultant firms — including four SDO-certified W/MBE firms listed on a table on page 50.**

Key Personnel

STV offers DCAMM/DYS a core management team experienced with DCAMM contracts, supported by a deep bench of designers and engineers who are highly qualified in the design of facilities to transform the lives of youth in contact with the justice system. Leading the team, Project Manager **Benjamin Lassel, AIA, NCARB**, has more than 15 years of experience as a project manager and project architect for a broad variety of architectural and interior design projects. He has organized and effectively led diverse consultant teams on several challenging projects for public agencies throughout Massachusetts to address complex building code issues and user program needs.

Principal-in-Charge **Frank Greene, FAIA, NCARB, IIDA**, has dedicated his career to improvement of the justice system. Leader of STV's justice practice, he is an internationally recognized innovator in the planning and design of facilities that transform the experience of contact with the justice system. In more than 40 years of work in this specialized field, he collaborates with owners, users, and community representatives to develop facilities that enhance the experience of people in custody and their families with the justice system. His design for the **Union County Juvenile Center** was honored with multiple design awards, with the jury remarking that "the uplifting design has a spirit that inspires."

Mr. Greene began his career in Massachusetts, with early exposure to the need for improvements to justice facilities brought into sharp focus while implementing court-ordered upgrades to the former **Deer Island Jail** in East Boston, and to the **Charles Street Jail** in downtown Boston intended to correct security and humane standards deficiencies. Over the years he has maintained his ties to the Commonwealth, with planning contributions to courthouses in Plymouth, Salem, and Brockton. He applies leading-edge best practices to design responsive and restorative facilities that respect the dignity of detained persons and their families while facilitating humane, safe, and effective operations.

Response To Evaluation Criteria

The STV team is prepared to meet the goals of DCAMM and the **DYS** on this contract. The following is an overview of our extensive experience as it relates to each evaluation factor.



DASNY/NYSOMH South Beach Psychiatric Center New Residential Building with passive and active adolescent areas.

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

For more than 40 years, STV has incorporated trauma-informed design into new and renovated facilities in ways that uplift the human spirit and inspire hope. Much of this work is in the realm of behavioral health, particularly in secure facilities for people with severe mental illness. These institutions have public-facing components as well as private zones in the secure areas, all of which are enlivened with this approach. **Dormitory Authority of the State of New York (DASNY)/New York State Office of Mental Health (NYSOMH) South Beach Psychiatric Center New Residential Building** features age- and gender-specific treatments of spaces for men, women, and adolescents, including outdoor play spaces, sitting areas, and gardens that are viewable from the inside. The family visiting spaces and consultation spaces are all designed with clarity of circulation, abundant daylight, natural materials, lively nature-oriented graphics, comfortable furniture, glare-free lighting, and soft acoustics.

Prior to joining STV, Frank Greene and Jeff Hyman led the design and delivery of the 44-bed **Center for Juvenile Matters** in Bridgeport, CT. Organized with four housing units set on a floor above the ground level program and service spaces, the new building offers all the resources necessary to allow youth to heal and thrive, with classrooms, recreation space, and places for therapeutic intervention. The community-facing building provides robust security without overt harsh carceral indicators, for a normative identity and daily experience for visitors, residents, and staff.

Additionally, Frank Greene and Jeff Hyman developed a new model for housing youth in the custody of the Department of Juvenile Justice for the State of New Jersey. This “cottage-based” approach uses a domestic scaled normative environment to increase safety and openness to positive change. As part of the research of best practices, the team visited facilities in Maryland, New York, Oregon, and Massachusetts including the Northeast Regional Youth Services Center in Middletown, MA. These visits established a high bar for trauma-informed evidence based design of a prototype now being implemented by New Jersey on two sites.

With the passage of legislation (“Raise the Age”) raising the age to 18 for youth to remain in the juvenile system, several new regional facilities are now required. With their previous firm, Frank Greene and Jeff Hyman developed site-specific design concepts for age, status, and gender appropriate facilities that meet the therapeutic, educational, recreational and security needs of youth in crisis. Several of these facilities are now in process, and STV is currently at work on the Suffolk County Juvenile Center.

STV is currently engaged with the planning and design of a new **Suffolk County Juvenile Center** driven by the New York State Raise the Age (RTA) program that relocates 17- and 18-year-olds from the adult system to the juvenile system. This new cohort increases the number of youths in the system and generates the need to house them separately from younger residents, creating the opportunity to provide facilities that are healing and restorative. The new 40-bed facility is on a County Detention campus, but will have a separate entrance and identity, one



DASNY/NYSOMH Behavioral Healthcare Center at the Bronx Psychiatric Center incorporates age and gender specific space for youth.

that communicates the facility mission of care and compassion for the needs of often traumatized youth and their families who visit.

Guided by a recovery-oriented approach, STV designed the new 156,000-sf **Behavioral Healthcare Center at the Bronx Psychiatric Center**, that includes a dedicated wing for youth. The firm also designed all sitework and utilities for the consolidated campus, which achieved LEED® Gold certification. The \$150 million behavioral health center offers a normative residential environment that models life in a residential rather than an institutional community. STV facilitated consensus-building on program, operations, and design with a multi-agency client team, led by DASNY, which managed the project for the NYSOMH.

STV regularly collaborates with the preeminent **trauma-informed design consultant, Erin Persky & Associates, LLC**. Erin Persky, Associate AIA, CCHP, WELL AP has extensive experience with facility planning, programming, design, and post-occupancy evaluation. She has consulted on renovation, adaptive-reuse, and new facilities construction projects for social services, public health, behavioral health, detention, corrections, courts, probation, and public safety. Ms. Persky’s recent consulting work includes programming, planning, and design services for the NYC BoroBased jails program, the Baltimore

Therapeutic Treatment Center and the Los Colinas Women’s Center. Her practice is dedicated to assisting design teams with evidence-based, trauma-informed, and gender-responsive guidance that create facilities that are safe and secure, and that address the unique therapeutic needs of residents and staff.

Design of the interior environments to meet the goal of a normative daily experience will be led by Price Jepsen, AIA, NCARB, LEED® AP BD+C, IIDA, in collaboration with **Leila Mitchell of LLM Design** whose expertise in design of spaces for creative and innovation technology companies will allow a fresh look at the materials, colors, and artwork that will combine in a building that is uplifting, healing, and full of hope.

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

Our design of a new dormitory building in the landmark campus of the **US Military Academy (USMA) at West Point, NY** is shaped by strong cues from the existing “University Gothic” vernacular. The owner’s directive was the building should look as though it has always been there, and the resulting finished building was well received by the USMA community. Behind the traditional appearance is a fully contemporary high-performance building, precisely tuned to the highly regimented life of the cadets.

In most cases, our building designs will be more expressive of contemporary openness, with a welcoming first impression with a prominent use of natural materials, planting, artwork, and natural light. Use of complementary materials and forms like brick masonry, sloped roofs, punched windows can be contrasted with more open window wall areas, in a thoughtful composition that complements and, where appropriate, contrasts with the historic structures. An important goal would be that the new building shields and disguises its robust security measures to communicate a desire to be a “good neighbor” on the campus.

STV’s professional focus is on work for public agencies. Our team members have regular experience with the Public Bidding Laws of the Commonwealth of Massachusetts. We are also knowledgeable of the requirements of Chapter 149, filed sub-bids.

Our major discipline leads have assembled many bid packages with the specifications tailored for filed sub-bids. Plans and specifications are prepared with this bidding approach in mind. Tight, concise specifications are developed with a clear delineation of the scope among trades, assigning responsibility for all work items. STV and our subconsultants are committed to the level of attention to detail that minimizes conflicts and change orders.

We have delivered filed sub bid projects in the past 10 years for clients such as, DCAMM, the Massachusetts State College Building Authority, Massachusetts Bureau of State Office Buildings, and Massport. Equally important to understanding the filed sub-bid requirements is knowing how to craft projects to simplify the process. STV understands the importance of the cost estimate and the scope of work that triggers the filed sub-bid requirements. We have been successful in the past in limiting the work that must be procured through this rigorous process by using innovative design techniques. One example of this is a case where we tailored the documents so that the electrical contractor could be the prime contractor, thus eliminating a separate general contractor and an electrical filed sub bid. While not a difficult or complex method, this approach ultimately saved time and money for the agency in both general conditions and overhead and profit eliminating unnecessary duplication.

STV provided DCAMM and the Massachusetts State Police (MSP) with expertise in the planning and programming of contemporary police stations as justice design specialists. The team led the project team through a process of investigation and programming that included visits and studies of recent MA police barracks at other locations. The project team developed an architectural and operational program of requirements that identified the needed spaces and functional relationships that defined the proposed renovation. The entire building, including holding areas, was designed to be fully accessible and comply with MAAB and ADA requirements for access and with a further goal of universal access.

The Cambridge Housing Authority (CHA), which owns and operates more than 2,500 federally subsidized low-income housing units, worked with STV to make improvements to its

facilities through the U.S. Department of Housing and Urban Development Rental Assistance Demonstration (RAD) program. Following a condition assessment and Chapter 34 Report, STV developed designs for completing \$13.5 million in renovations to the Leonard J. Russell Apartments including upgrading building accessibility per 521 CMR for the building and attached senior center. Work included replacement of the heating system and building controls with modern, energy-efficient equipment, installing LED light fixtures, and upgrading the CCTV security system. Unit upgrades included all bathrooms and kitchens. Additional scope included a replacement elevator, roof replacement and exterior repairs, and the installation of a fire sprinkler system. During the development of construction documents, the STV design team collaborated with the contractor and performed value engineering, cost estimating, and constructability reviews.

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

Much of our work involves the addition of new buildings in sensitive historic contexts, often included in the National Register. Our approach is nuanced and deeply informed by the urban, social, and formal qualities of the site and context, seeking cues that will allow a contemporary building that reflects today's sensibility to complement and strengthen the sense of place within the adjoining district. Sometimes our buildings stand out as foreground elements, and other times they assume more modest roles supporting existing landmarks.



US Military Academy (USMA) at West Point, NY referencing design of new building in landmark campus.

The landscape cues, often in the form of mature trees, lawns, and other resources form an important part of our strategy for a successful new building intervention, allowing it to appear as if it belongs, while remaining clearly "of our time." We seek to magnify the healing effect of landscape through views and presence in controlled settings without compromise to safety and security. Our new buildings can increase the sustainability and resilience of existing campuses by providing enhanced stormwater management, microgrid power sources, and reduction in paved impervious areas.

This approach complements a concept called procedural justice that undergirds our work. Research demonstrates that people's perception of a just outcome is shaped as much by the way they were spoken to and treated during the process as by the outcome itself. STV's work for public agency clients is driven by the goal of both improving the effectiveness of the services they provide and enhancing the public's perception of government agencies as capable and caring. This is never so important as in the realm of contact between the juvenile justice system and their

youthful clientele, many of whom feel a sense of helplessness in meeting the challenges that they face.

The first impression gained upon entry to a juvenile justice space leaves a durable imprint. If the cues from the environment and from interactions with staff trigger deep-seated trauma, this can confirm negative preconceptions, trigger defensive behaviors, and jeopardize the quality and productivity of the encounter. If the initial impression is of a clean, well-lit, and organized space with lively graphics and wayfinding aids, inspiring artworks, views to nature, abundant daylight, and fresh air, a sense of purpose and serenity is communicated instantly, making the staff mission easier to accomplish and the experience more positive.

Many of the people who arrive at a justice facility, whether youth in custody or their family visitors, are experiencing the most challenging periods of their lives. Communicating verbally and non-verbally a sense of compassion for their situation and respecting their human dignity in a welcoming environment are foundational to successful interventions. A key element of STV's design approach is to address staff morale, stress, and even PTSD. Thoroughly understanding the staff's daily experience, particularly the aspects that are challenging and trying, enhances our ability to uplift the work environment, relieve that stress, and support their important work.

Our work in the **South Beach and the Bronx Psychiatric** facilities in New York demonstrates these principles, where the building is open to the landscape, and employs techniques to introduce daylight through large glass areas, interior courtyards, and open planning. Natural, non-institutional materials, lively graphics, and artwork enrich the daily experience of the residents and staff.

In the **AIA award-winning Union County NJ Youth Center**, designed by Frank Greene prior to joining STV, the building is shaped as a landscaped courtyard, where the building forms the secure perimeter, and the courtyard provides a serene heart to the facility. All circulation is along the courtyard edges, providing daylight to the interior and a sense of orientation for all of the users. The presence of landscape throughout the daily routine is continuous, whether through views to the courtyard, or being able to enjoy quiet time there when the day is finished.

4 The Prime firm, through their Diversity Focus Statement (in Section 5), shall demonstrate their firm's implementation of Equity, Diversity, and Inclusion (EDI) principles within its organization and within the design profession.

Diversity Focus Statement

STV is committed to equity, diversity, and inclusion, in our operations, in the collaborative teams we create, and in the work we undertake. Maximizing the participation of women- and minority-owned businesses, disadvantaged businesses, small businesses, and businesses owned by veterans and disabled veterans has long been at the core of our business strategy. We have established a long record of success maximizing the participation of such firms through joint venture and subconsultant teaming on contracts in a wide range of technical areas.

The firm also recognizes the important place it holds as both an industry leader and, more importantly, as a longstanding member of the many diverse communities in which we live and operate. For this reason, STV promotes and practices respectful and dignified engagement with disadvantaged business enterprises, not only in the projects we undertake for our clients, but in the daily operation of all aspects of our business. Our goal exceeds simple compliance with disadvantaged business enterprises participation mandates established by others. Our goal is mirroring and matching the diverse make-up of the world. One cannot be selective and be diverse and inclusive at the same time; STV is diverse and inclusive at all times.

In support of the Commonwealth's focus on EDI, STV appreciated participating in the recent Designer Partnership Session hosted by the BSA, BosNOMA, and ACEC-MA. We look forward to teaming with the consultants we met at this event and participating in future partnership sessions.

STV's Track Record of Meeting and Exceeding EDI Goals

STV strongly believes that promoting diversity strengthens our entire firm. STV's subconsultant and supplier diversity objectives include **actively and routinely sourcing qualified diverse consultants that can provide competitive and high-quality**



DASNY/NYSOMH South Beach Psychiatric Center New Residential Building

services for our projects and encouraging our significant subconsultants that do not qualify as diverse suppliers to commit to and support their own supplier diversity initiatives. STV acknowledges the significance of maintaining a diverse supply base and recognizes the importance of diverse firms to the economy, the communities they serve, and the firm. Specific examples of STV's approach to diverse business participation are: (1) identifying standalone tasks for diverse businesses; (2) breaking larger tasks into smaller discrete packages to fit within diverse firms' capabilities; and (3) acquiring software licenses, computers, equipment, project headquarters space, and other deliverables from diverse suppliers.

Approach to Assembling the DYS Taunton Team

STV understands the importance of meaningful participation by women-, minority-, and service-disabled veteran-owned firms and we enthusiastically embrace the Commonwealth's emphasis on growing and creating opportunities for these firms. With participation targets for this effort of 10.3% WBE and 5.3% MBE, STV is committed to meaningful participation by these types of firms, and we project to meet or even exceed the goals. Please refer to the following chart for the estimated participation of each consultant firm. We have selected subconsultants firstly

based on their capability and that they meet the STV standards for high-performance and quality. In many cases, these are firms STV has worked with previously, often on DCAMM projects. In others, we have selected firms new to DCAMM that will bring exceptional new talent to this contract and future DCAMM work. Each of the consultants will be contracted to STV with the same requirements as STV is bound to DCAMM and is required to engage the STV quality program. We will initially identify activities consistent with each firm's skills and evaluate the level of involvement to the project total. If needed, additional tasks will be identified that are achievable by the M/WBE firms' personnel.

Women and Minority Subject Matter Experts

To dramatically meet/exceed the **5.3% MBE goal and 10.3% WBE goal** for this contract, STV has organized this team with significant roles for minority and women-owned consultants. **LLM Design (W/MBE)** will provide interior design support and wayfinding. In addition, we have included **Erin Persky, Assoc. AIA, CCHP, WELL AP (NMSDC MBE-certified)** for trauma-informed design consulting. Cultural competence and lived experience informs the contributions of both LLM and Erin Persky as minority- and women-owned businesses, and are essential to successful design of the user experience of the space relevant to the service population. For this DYS project we propose to leverage the insights of our women- and minority-owned and led collaborative design team partners bringing insight to design of environments centered around the needs of diverse groups of people.

Working Together

Our team is composed of trusted long-time collaborators, with extensive public agency and DCAMM experience, as well as consultants new to government work, yet with fresh ideas and insights gained in the private sector that will provide a much-needed injection of culturally relevant approaches. The cross-disciplinary practice of LLM, forged in the world of bio-tech startups, in crafting brand identities that are translated into the virtual and physical environments for their clients in a fresh and evocative way bringing their outside-the-box approach to the graphics, wayfinding, and interior design of a new public

Consultant	Specialty	SDO Certification	Experience with STV	Experience with DCAMM	Estimated Participation
Dirtworks Landscape Architecture P.C.	Landscape Architecture	N/A	●		3%
LLM Design, Inc.	Interior Design Support	WBE	●	●	5%
The Friday Group, LLC	Specifications	N/A	●	●	2%
City Point Partners, LLC	Cost Estimating	WBE/DBE	●	●	4%
Code Red Consulting, LLC	MA Building Code	N/A	●	●	2%
Building Conservation Associates Inc.	Historic Preservation	N/A	●	●	2%
CDW Consultants, Inc.	Hazardous Materials	WBE/DBE	●	●	2%
Erin Persky & Associates, LLC	Trauma-Informed Design	N/A	●	●	1%
Shen Milsom & Wilke, LLC	Acoustics/Audiovisual/IT/Telecomm	MBE	●	●	4%
LLM Design, Inc.	Wayfinding	MBE	●	●	2%

MBE & WBE Subconsultants for this Project
 STV has assembled a diverse and highly qualified team to perform the tasks that we anticipate may be associated with this project. STV is committed to meeting or exceeding all diversity goals. Based on more than 40 years of experience with similar work in Massachusetts, we estimate the above M/WBE participation on this DYS Taunton contract.

Recent STV Contracts Exceeding M/WBE Goals	M/WBE Goal %	Achieved M/WBE %
Contract		
DCAMM Massachusetts Emergency Management Agency (MEMA) House Doctor Contract	17.9%	35%
DCAMM Massachusetts Military Division Study and Design of MEP and Fire Protection Repairs and Renovations	17.9%	18.01%

and staff experience for justice agencies. With many of our team member firms, STV has collaborated on many projects locally and nationwide.

We appreciate that this RFP called for a fresh approach, inviting new input to the public agency process, and look forward to collaborations that reset public perception about the fairness and effectiveness of their contact with their government. Our consultants are eager to interact with your client agencies in collaboration with our seasoned team to produce transformative work of which we can all be proud.

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

Corrections and public safety facilities have unique challenges in reaching ambitious goals for energy performance and sustainability. STV is knowledgeable of the MA State Energy, Stretch Code, and MA LEED® Plus for energy performance and sustainability. Our experience in this special building type shows there are prime areas for sustainable improvements. These include, envelope performance, plumbing fixture performance, mechanical equipment performance, lighting, healthy indoor environments, and water and resource consumption.

By capturing these opportunities STV has achieved ambitious performance goals on several facilities. Our work focuses on



WCSO Combined Intake and Medical Unit is a high performance, climate resilient building that conforms to the MA Stretch Code.

improving the interior environment, creating healthy environments through using materials with no/low VOC content, making sure spaces have daylight and exterior views, and empowering users to have some control over their environments.

STV provides designs that are cognizant of the increasingly important climate challenges we face now and in the future. As a USGBC member and fully-integrated AE firm, our key disciplines collaborate to develop comprehensive solutions that achieve architectural and mechanical systems performance goals, incorporating high-efficiency system design, climate resiliency, decarbonization, and strategic electrification. Our firm employs more than 150 LEED-accredited personnel in all architectural, planning, environmental, and engineering disciplines. STV team members are highly knowledgeable of the MA State Energy Code and LEED, Envision, Passive House, and Net Zero principles to reduce the environmental effects of a building by lowering energy usage, improving performance, and bolstering resiliency.

STV provided advanced architectural designs; 60% mechanical, electrical, and plumbing documents; and site plans for the USMA's 287,000-sf **Davis Barracks at West Point, NY**, which included dormitories, study rooms, offices, and administrative facilities. Systems design incorporated integrated energy monitoring

and conservation measures such as optimal insulation values, triple-glazed windows, HVAC controls, and high-efficiency lighting, boilers, and air conditioning. Other sustainable features include a radiant heating and cooling system and a highly efficient dedicated outdoor air system with energy recovery. The firm also investigated passive solar design principles and the use of solar collectors for the task-order project.

An example is the LEED® Certified **Iowa Correctional Institute for Women**. This project focused on a highly insulated thermal envelope and included a geothermal well to reduce energy consumption. Considerable effort was put into allowing users to control their environment. Most sleeping rooms have user-controlled lighting with staff overrides to support dark night sleeping. All rooms have "normal" exterior windows with daylight and views. Dayrooms are connected to exterior spaces allowing ample daylight into the room and allowing staff to use direct movement to the outdoor patio as a part of an incentive-based behavior program.

To consolidate functions and make the experience of admissions more efficient and welcoming, the **Worcester County Sheriff's Office (WCSO)** selected STV to design a combined intake and medical unit where newly arrived detainees can be received into the facility, assessed, and treated in a state-of-the-art facility full of daylight and a sense of hope.

STV reviewed previous facility studies and conducted programming interviews and stakeholder meetings with local police chiefs and the WCSO administration, custody, and medical staff to understand and document the requirements needs. The goal was to develop a program and concept that allows the WCSO operation to provide efficient intake processing and medical treatment in one centralized location and provide appropriate secure lockup pre-arraignment holding cells for surrounding communities. The combined units allow the WCSO's new facility to operate 24 hours a day.

The completed building provides a clear, dignified, simply organized entry experience for newly admitted people, where they are introduced to the normative operations of the facility, where positive behavior is recognized with a minimal restraint

accommodation. The light-filled open waiting area, rich with natural materials, is laid out to allow for efficient processing, and diversion of those with medical needs to adjacent medical housing, particularly important in a time of air borne pathogens.

Guided by a recovery-oriented approach, STV designed the new 156,000-sf **Adult Behavioral Healthcare Center at the Bronx Psychiatric Center, in the Bronx, NY**. The firm also designed all sitework and utilities for the campus, which was consolidated, redeveloped, and achieved LEED® Gold certification. The \$150 million adult center offers a residential environment that imitates life in a community rather than an institution. STV helped build consensus on program, operations, and design with a multifunction client team, including the Dormitory Authority of the State of New York (DASNY), which managed the project for the New York State Office of Mental Health (NYSOMH).

DASNY and the NYSOMH replaced five residential cottages on the grounds of the **South Beach Psychiatric Center** with a new, LEED® Silver certified residence more conducive to a modern therapeutic environment. STV is the project's primary consultant providing architectural, MEP, and civil engineering services for the new 262-bed facility that supports the institution's aspirations for providing humane, enlightened care while raising the facility above the low-lying floodplain.

STV prepared the programming and bridging documents for design-build delivery for the \$52.5 million **Los Angeles County Department of Public Works (LACDPW) replacement of the Camp Vernon Kilpatrick Juvenile Probation Campus** in Malibu, CA. The two large residential dormitories were replaced with five 5,000-sf cottages to which 120 residents can be assigned according to their treatment needs. Other new structures include an administration building, a support center, and an ancillary building. Parking, utilities, and security were also updated, and a new multipurpose athletics field was constructed. The new campus earned LEED® Silver certification.