

Public Schools

East Boston High School - Library / Classrooms Renovation (Part of Boston Public Schools House Doctor Contract FY22-FY25)

Client: Machado Silvetti
Location: East Boston, MA
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for renovation of the existing library for smaller library area and four new classrooms totaling approximately 5,000 square feet.

Boston Public Schools – House Doctor Consulting Services - FY-2022 – FY 2025

Client: Machado Silvetti
Location: Boston, MA
Scope: Mechanical/Plumbing, Electrical and Fire Protection consulting engineering services for investigating, evaluating, and preparing certifiable assessments, studies and/or final design and construction administration services for new construction, renovation, alteration, modernization, and/or additions to various facilities and sites for Boston Public Schools.

Waltham High School Clubhouse

Client: LaGrasse Yanowitz & Feyl Architecture
Location: Waltham, MA
Scope: Mechanical and Electrical consulting engineering services for renovations for clubhouse to include: new HVAC and exhaust systems for bathrooms, coach's rooms, storage/utility rooms, locker rooms; power distribution, lighting, fire alarm design and power for new HVAC and plumbing systems; domestic cold water, domestic hot water, and sanitary sewer systems.

Alcott Elementary School - Boiler Room Renovations

Client: Concord Public Schools
Location: Concord, MA
Scope: Mechanical and Electrical consulting engineering services for the boiler replacement system including: piping, insulation controls; and power to support the new energy recovery units and associated equipment.

Frost Elementary School - Air Conditioning (Part of City of Lawrence House Doctor Contract)

Client: SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)
Location: Lawrence, MA
Scope: Mechanical and Electrical consulting engineering services for adding air conditioning to the existing school including: demolition of existing systems as required, air cooled chiller, pumping systems, chilled water piping systems, condensate drain piping systems, new air handling unit, new unit ventilators and new automatic temperature controls; electrical demolition and new work associated with new mechanical equipment; and new protected water systems for new chilled water systems.

Arlington Elementary School - Emergency Generator (Part of City of Lawrence House Doctor Contract)

Client: SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)
Location: Lawrence, MA
Scope: Mechanical and Electrical consulting engineering services for emergency generator replacement to include: removal of underground fuel oil tank and removal/replacement of existing emergency generator, transfer and associated feeders.

Morse Pond School – Univent Design Services

Client: Falmouth Public Schools
Location: Falmouth, MA

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Scope: Mechanical and Electrical consulting engineering services to include: demolition of existing mechanical equipment and controls at Morse School; and replace with new equipment, and controls; including power to new mechanical and associated equipment.

Construction Costs: \$900,000 Est.

Oakridge Elementary, Forestdale Elementary and Sandwich High School – New Ventilation Systems

Client: Sandwich School District

Location: Sandwich, MA

Scope: Mechanical and Electrical consulting engineering services for new ventilation systems for the Oakridge Elementary School, Forestdale Elementary School and Sandwich High School including new provisions for gas piping for any proposed new gas fired equipment and power for new mechanical systems.

Thoreau Elementary School - Energy Recovery Units

Client: Concord Public Schools

Location: Concord, MA

Scope: Mechanical and Electrical consulting engineering services for the demolition of six (6) existing energy recovery units, ductwork, refrigerant piping and controls; and replace with new energy recovery units with integral air conditioning, ductwork, piping, insulation controls and power to support the new energy recovery units and associated equipment.

Memorial School Renovation/Addition

Client: TBA Architects, Inc.

Location: West Springfield, MA

Scope: Mechanical, Electrical and Fire Protection consulting engineering services for of renovations and additions to an existing elementary school totaling approximately 36,200 square feet.

Worcester Arts Magnet School (WAMS) - Bathroom Renovations

Client: Russo Barr Associates

Location: Worcester, MA

Scope: Mechanical and Electrical consulting engineering services for renovations to twelve (12) unisex ADA bathrooms and select plumbing fixtures ADA upgrades in four (4) bathrooms.

Callahan Elementary School - Toilet Room

Client: SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)

Location: Lynn, MA

Scope: Mechanical, Electrical and Fire Protection consulting engineering services for renovations to include: new drinking fountain, renovation of the boys & girls rooms on the first floor, and expansion of the principals' restroom.

Boston Public Schools - Horace Mann School

Client: Machado Silvetti

Location: Charlestown, MA

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Scope: Mechanical, Electrical and Fire Protection consulting engineering services for new building addition totaling approximately 82,859 square feet to include: new heating, ventilating and air conditioning systems; sanitary drainage system for all plumbing fixtures; natural gas distribution to all gas utilization equipment; domestic cold water system; domestic hot water system; roof/storm drainage; and plumbing fixtures and equipment; new wet pipe sprinkler system except for unheated spaces of combustible construction where a dry system will be required; power; conduit, power and device locations for telephone, data intercom, classroom/auditorium audio/visual, access control and security systems; fire alarm including fire protective signaling and automatic fire detection systems, and life safety systems.

Littleton High School - Rooftop Unit Replacement

Client: Littleton Public Schools
Location: Littleton, MA
Scope: Mechanical and Electrical consulting engineering services for replacement of existing rooftop unit including modifications/extensions into existing Building Management System; modifications to existing piping and ductwork systems; demolition of existing and installation of new mechanical equipment.

Greater Lawrence Technical High School - Machine Shop

Client: Greater Lawrence Technical School
Location: Andover, MA
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for renovations to 2,000 square foot machine fabrication shop.

Littleton High School Classroom Air Conditioning Evaluation

Client: Littleton Public Schools
Location: Littleton, MA
Scope: Mechanical and Electrical consulting engineering services for evaluation of an existing building for the installation of new air conditioning for (8) classrooms to include: evaluation of existing structural systems for placement of new equipment on existing roof; prepare report outlining existing conditions; provide recommendations for at least 3 options based on code compliance, good practice, equipment life expectancy and estimated construction costs for the proposed plan.

Lowell Community Charter Public School

Client: SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)
Location: Lowell, MA
Scope: Mechanical and Electrical consulting engineering services for removal and reinstallation of existing systems for structural girder replacement/ reinforcement in 4 locations.

Country and Woodland Schools – Air Conditioning Evaluations

Client: Town of Weston/Weston Public Schools
Location: Weston, MA
Scope: Mechanical and Electrical consulting engineering services to review available building system documentation and systems evaluations previously performed at each school; prepare a report outlining existing condition and provide recommendations based on existing systems types, sustainability, building code requirements, electrical upgrades and/or structural upgrades require for new air conditioning at Country and Woodland Schools.

Lawrence Public Schools - Air Conditioning Evaluation

Client: SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)
Location: Lawrence, MA
Scope: Mechanical and Electrical consulting engineering services for the review of available building system documentation and systems evaluations previously performed for each school; prepare a written report outlining the existing conditions; and provide recommendations based on existing systems types, electrical upgrades required and new air conditioning systems for each school; and provide opinion of costs for the recommendations at each school.

Barnstead Elementary/Middle School Assessment

Client: The HL Turner Group
Location: Barnstead, NH
Scope: Electrical consulting engineering services for report/assessment to include: documentation of the existing electrical systems including the incoming service equipment and distribution equipment, lighting, lighting controls, fire alarm systems, general receptacle layouts, communication systems, security systems, PA systems, and Master Clock Systems.

Sawyer Elementary School Air Conditioning Evaluation

Client: Nashoba Regional School District
Location: Bolton, MA
Scope: Mechanical and Electrical consulting engineering services for the evaluation of the existing building for the installation of new air condition for the classroom including a report outlining the existing conditions; provide recommendations for at least tow options based on code compliance, good practice, equipment life expectancy and estimated construction costs.

Doherty School HVAC Systems Upgrades

Client: Town of Andover
Location: Andover, MA
Scope: Mechanical and Electrical consulting engineering services for new heating, ventilating and air conditioning systems to include: cooling to space through new VRF heat pumps with ductless fan coils, ventilation throughout the space with Energy Recovery Ventilator, and condensate drain pipe in the copy center, file storage area, and IT space and storage area.

Dedham High School - Kitchen HVAC Renovations

Client: Town of Dedham/Dedham Public Schools
Location: Dedham, MA
Scope: Mechanical and Electrical consulting engineering services for renovations for an existing kitchen space including: kitchen exhaust hood, exhaust fan, make up air unit, demand control ventilation controls, kitchen space conditioning via VAV system off of existing RTU and associated electrical power and gas design.

Sandwich Public Schools - Mechanical Engineering for District Wide HVAC Upgrades

Client: Sandwich School District
Location: Sandwich, MA
Scope: Mechanical and Electrical consulting engineering services for HVAC system upgrades Oak Ridge, Forestdale and Sandwich High School.
Construction Costs: \$2,100,000 Est.

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Massachusetts School Building Authority (MSBA) Accelerated Repair Program - Boiler Projects (MSBA-RFR-AccRepDesign-2021)

Client:	Massachusetts School Building Authority (MSBA)
Location:	Various School Districts in Massachusetts
Scope:	Mechanical/Plumbing and Electrical consulting engineering services for the repair/replacement of boilers at various school districts across the Commonwealth of Massachusetts for a period of (3) years.

Crocker Elementary School - Temporary Boiler

Client:	Fitchburg Public Schools
Location:	Fitchburg, MA
Scope:	Mechanical and Electrical consulting engineering services for addition of temporary boiler for the elementary school.

Burlington High School - HVAC Evaluation/Feasibility Study

Client:	SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)
Location:	Burlington, MA
Scope:	Mechanical, Electrical and Fire Protection consulting engineering services to include: review available building system documentation; prepare a report outlining the existing conditions; recommendations for multiple options for systems renovations relative to condition of systems, anticipated life expectancy, code requirements and ancillary work associated with system replacements; review of estimated construction costs prepared by others; and proposed phasing of multi-year renovation in an occupied building.

Bennett Hemenway School - HVAC Systems Controls

Client:	Town of Natick
Location:	Natick, MA
Scope:	Mechanical and Electrical consulting engineering services for replacement of the HVAC Building Management Systems and HVAC equipment controls throughout the building including disconnection and reconnection of power for new controls systems.

Bennett Hemenway School - New Air Cooled Chiller

Client:	Town of Natick
Location:	Natick, MA
Scope:	Mechanical and Electrical consulting engineering services for new air cooled chiller and controls to be connected to the piping within the mechanical room and power for new chiller water system.

Brickett Elementary School & Pickering Middle School - Limited Accessibility Improvements Study

Client:	SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)
Location:	Lynn, MA
Scope:	Mechanical and Electrical consulting engineering services for evaluating the existing mechanical, plumbing, fire protection and electrical systems throughout the schools, including handicap accessibility, Americans with Disabilities Act; prepare a written report outlining the existing conditions and provide recommendations based on code compliance, revisions needed to the electrical service, fire alarm control system, fire protection system (sprinklers), bathroom revisions, due to accessible changes.

Muraco Elementary School - Boiler Replacements

Client: Town of Winchester
Location: Winchester, MA
Scope: Mechanical/Plumbing and Electrical consulting engineering services for boiler replacements to include: demolition of existing hot water boilers, associated piping and controls; replace with new condensing type boilers, associated piping, and controls; provide gas piping water to support the new boilers; power to support the new mechanical equipment.

Francis Wyman Elementary School - Masterclock & Intercom

Client: Burlington Public Schools
Location: Burlington, MA
Scope: Electrical consulting engineering services for the design of a new complete intercom and master clock system to include: narrative/study documenting existing conditions, purpose for replacing the existing intercom and masterclock system; providing opinion-of-cost for the new intercom and masterclock system and provide a 90% design development set of drawings indicating the demolition of the existing systems and the layout of the security and clock systems for the building.

Horace Mann School Study - BPFDP Project #7234 CIPR

Client: Machado Silvetti
Location: Allston, MA
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for a facility assessment and narrative identifying necessary facility upgrades and cost estimates for an existing Boston Public School's building that will be renovated.

Bromfield School Classrooms ERV Replacement

Client: Harvard Public Schools
Location: Harvard, MA
Scope: Mechanical and Electrical consulting engineering services for new air cooled condensing units, refrigerant piping and controls for the addition of air conditioning to two (2) existing energy recovery units and power for new mechanical equipment.

MSBA Roof Replacement - Maurice A. Donahue School

Client: Icon Architecture
Location: Holyoke, Massachusetts
Scope: Mechanical and Electrical consulting engineering services for roof renovations for 39,590 square foot school to include: removal/reinstallation of existing exhaust fans and roof top units for installation of new roofing material; disconnect/reconnect existing gas for rooftop equipment; disconnect/reconnect existing mechanical to be removed/reinstalled.

MSBA Roof Replacement - Lt. Clayre Sullivan Elementary School

Client: Icon Architecture
Location: Holyoke, Massachusetts
Scope: Mechanical and Electrical consulting engineering services for roof renovations for 27,760 square foot school to include: removal/reinstallation of existing exhaust fans and roof top units for installation of new roofing material; disconnect/reconnect existing gas for rooftop equipment; disconnect/reconnect existing mechanical to be removed/reinstalled

MSBA Roof Replacement - EN White Elementary School

Client: Icon Architecture
Location: Holyoke, Massachusetts
Scope: Mechanical and Electrical consulting engineering services for roof renovations for 31,676 square foot school to include: removal/reinstallation of existing exhaust fans and roof top units for installation of new roofing material; disconnect/reconnect existing gas for rooftop equipment; disconnect/reconnect existing mechanical to be removed/reinstalled

Dedham High School Library Renovations

Client: Town of Dedham/Dedham Public Schools
Location: Dedham, MA
Scope: Mechanical and Electrical consulting engineering services for 10,000 square foot library renovations to include: HVAC diffusers/branch ductwork design, fire alarm, emergency lighting, tel/data pathway and associated electrical power design.

Drewitz School - Electrical Service Replacement

Client: City of Lynn
Location: Lynn, MA
Scope: Electrical consulting engineering services for a new incoming/upgraded electrical service. The new electrical service location shall be in the existing basement boiler room. The existing service location (old coal vault) shall be abandoned/electrical gear shall be shown to be removed by the electrical contractor. The new switchgear shall replace the old gear and back feed the existing panels, etc. The new electrical room shall be provided with new necessary lighting, fire alarm devices.

Burlington Public Schools On-Call Architectural/Engineering Services

Client: SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)
Location: Burlington, Massachusetts
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for various public buildings throughout the Town of Burlington including various school building projects on an on-call basis. Projects under this contract include: Burlington High School HVAC Evaluation/Feasibility Study.

Falmouth High School - New Water Cooled Chiller

Client: Falmouth Public Schools
Location: Falmouth, MA
Scope: Mechanical and Electrical consulting engineering services for new water cooled chiller, piping and automatic temperature controls and power to the new mechanical equipment.
Construction Costs: \$375,000 Est.

Bruce School Exhaust Fan Replacement

Client: SOCOTEC AE Consulting, LLC (formerly CBI Consulting, LLC)
Location: Lawrence, MA
Scope: Mechanical and Electrical consulting engineering services for replacement of (16) roof exhaust fans, cleaning of ductwork and rebalancing airflows and disconnection/reconnection of power for the new mechanical equipment.

Private Schools

New England Academy

Client: Connolly Brothers
Location: Marshfield, MA
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for new 28,000 square foot single story school building.

Buckingham Browne & Nichols Lower School

Client: Goody Clancy
Location: Cambridge, MA
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for the renovation of the Brick Building (32,000 sf), the rehabilitation and recreation of the Markham Building (3,100 sf), the construction of a new structure, the Meeting House (6,400 sf), which will serve as the gymnasium and cafeteria for the lower school, and the demolition of two buildings, Kelsey and Morrison, to create outdoor play/learning spaces.

Assabet Valley Collaborative REACH/Evolution - Kitchen and Bathroom

Client: Davis Architects
Location: Marlborough, MA
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for new teaching kitchen and renovated bathrooms.

Brooks School Boathouse

Client: Olson Lewis & Architects
Location: North Andover, MA
Scope: Mechanical and Electrical consulting engineering services for new 5,500 square foot, two-floor boathouse; first floor consists of boat storage; second floor consists of bathrooms, offices, kitchenette area.

Approach School Tenant Fit-out - 11 Apex Dr Suite 105

Client: 11 Apex LLC
Location: Marlborough, MA
Scope: Mechanical and Electrical consulting engineering services for tenant fitout of 12,000 square foot charter school space, with a kitchenette, 14 classrooms, 2 offices, an open office area, and 1 bookstore.

Evergreen Day School

Client: ZVI Construction, LLC
Location: Cambridge, MA
Scope: Mechanical and Electrical consulting engineering services for a (3) story pre-school building totaling approximately 6,200 square feet of space.

Central Catholic High School - STEM / Innovation / Wellness Addition

Client: Finegold Alexander + Associates Inc.
Location: Lawrence, MA
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for new building addition totaling approximately 58,644 square feet.

St. John's Preparatory School – Benjamin Hall HVAC Systems Assessment

Client: Ambient Temperature Corporation
Location: Danvers, MA
Scope: Mechanical and Electrical consulting engineering services for review of existing conditions relative to improvements to air quality and system operation within the buildings including electrical service capacity for incorporation of additional HVAC equipment; and provide recommendations for improvement for system operation for re-opening the public schools relative to COVID-19.

Clarke School Building Assessment - Re-Opening Covid 19 Considerations

Client: Clarke School - Boston
Location: Canton, MA
Scope: Mechanical and Electrical consulting engineering services to review existing HVAC and Electrical systems at the Clarke School building; prepare a report outlining the existing conditions relative to improvements to air quality and system operation within the buildings including electrical service capacity for incorporation of additional HVAC equipment; and provide recommendations for improvement for system operation for re-opening the private school relative to COVID-19.

St. John's Preparatory School - Building Assessment - Re-Opening Covid 19 Considerations

Client: Ambient Temperature Corporation
Location: Danvers, MA
Scope: Mechanical and Electrical consulting engineering services to review existing HVAC and Electrical systems at St. John's Preparatory School's Keefe and Xavier Hall buildings; prepare a report outlining the existing conditions relative to improvements to air quality and system operation within the buildings including electrical service capacity for incorporation of additional HVAC equipment; and provide recommendations for improvement for system operation for re-opening, relative to COVID-19.

Belmont Hill School - Campus Master Plan

Client: Utile, Inc.
Location: Belmont, Massachusetts
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for development of master plan of campus including educational, athletic and arts programs.

Thayer Academy - Sawyer Hall Boilers

Client: Eck|MacNeeley Architects Inc.
Location: Braintree, Massachusetts
Scope: Mechanical and Electrical consulting engineering services shall include replacement of existing boilers with high efficiency boilers, PVC flue and intake, review of MAU requirements, and piping to Glover; gas piping and drainage for boilers; power and fire alarm for boiler room.

Fay School Center for Creativity and Design

Client: Eck|MacNeeley Architects Inc.
Location: Southborough, Massachusetts
Scope: Mechanical, Electrical and Fire Protection consulting engineering services for renovating the Center for Creativity and Design – Phase 1, approximately 9,600 square feet of space.

Mission Grammar School

Client: | GPH design
Location: | Roxbury, Massachusetts
Scope: | Mechanical, Electrical and Fire Protection consulting engineering services for heating and ventilating (9,800 square feet); new wet type sprinkler system for the entire building (21,000 square feet) except for unheated spaces of combustible construction where a dry system will be required; lighting; site lighting; power; fire alarm including fire protective signaling and automatic fire detection systems; tel/data/security device locations and pathways; and life safety systems (9,800 square feet).

Shady Hill School – 8th Grade Building - Cooling

Client: | Eck I MacNeely Architects
Location: | Cambridge, Massachusetts
Scope: | Mechanical and Electrical consulting engineering services for new heating and ventilating systems; lighting, power, fire alarm and life safety systems for 8,200 square foot building.

Shady Hill School – Campus Fire Pump

Client: | Eck I MacNeely Architects
Location: | Cambridge, Massachusetts
Scope: | Mechanical and Electrical consulting engineering services for fire pump design.

Covenant Christian Academy - Gym & Locker Rooms

Client: | Connolly Brothers
Location: | Peabody, Massachusetts
Scope: | Mechanical, Electrical and Fire Protection consulting engineering services for 8,904 square foot gymnasium space, a 2,784 square foot locker space and an 839 square foot connector link.

Fay School Camp Dining Hall Building

Client: | Eck I MacNeely Architects
Location: | Southboro, Massachusetts
Scope: | Mechanical and Electrical consulting engineering services for existing conditions and recommendations report for dining hall and dormitory renovations.

Windham Woods School – Classroom Addition

Client: | Robert William Hannon Architects
Location: | Windham, New Hampshire
Scope: | Mechanical, Electrical and Fire Protection consulting engineering services for classroom addition to an existing building totaling approximately 9,300 square feet.

Pingree School - Additions to the Ice Rink

Client: | Olson Lewis & Architects
Location: | South Hamilton, Massachusetts
Scope: | Mechanical, Electrical and Fire Protection consulting engineering services for 6,880 square foot addition including new fitness addition and new entry at the south wall.