

TEA

HVAC, Plumbing, and Piping Systems Design HVAC Systems Commissioning

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TEA Project Experience

Educational/Institutional/Government

- *Camp Wapanaki* - Plumbing design for new toilet and shower facilities for a Girl Scout camp in Hardwick, VT - John Q. Doane, Architect
- *Jefferson School* - Provide performance specifications for boiler replacement project at the Early Childhood Center and the 1947 Jefferson School in Jefferson, MA - Wachusett Regional School District
- *Lyndon Institute* - Heating, ventilating, & plumbing design for a dormitory construction at Lyndon Institute, Lyndonville, VT - Fred's Plumbing & Heating, Lyndonville, VT - Tom Graves, Mechanical Contractor
- *Middlebury College* - Mechanical design services for the renovation of the Emma Willard Admissions Building at Middlebury College, Middlebury, VT - Truex-Cullins and Partners Architects - David Epstein, partner
- *Montgomery Elementary School* - Provide commissioning services for the mechanical systems at the completion of construction for the addition and renovations to the Montgomery Elementary School, Montgomery, VT - Black River Design-Architects
- *Simsbury Central School- Phase 2 Heating Renovations* - Mechanical design for heating renovations to the oldest portion of the school in Simsbury, CT - B-G Mechanical Contractors, Bill Celatka
- *Springfield, MA City Hall* - Provide installation sketches for new boilers at Springfield, MA City Hall - B-G Mechanical Service
- *Springfield, MA Central High School* - Provide design/build documents and support for installation of a Micro Turbine Co-generator at Springfield Central High School in Springfield, MA - B-G Mechanical Service
- *Springfield, MA School District* - Provide permit drawings for seven Springfield schools boiler replacement project - B-G Mechanical Service
- *Springfield, VT Middle School* - Provide engineering services for boiler change out work at the Riverside Middle School - Springfield Vermont Schools
- *University of Vermont* - Mechanical design for Harris/Millis dining hall expansion and renovations - Truex Cullins and Partners Architects - Anne Connell, Project Architect
- *University of Vermont* - University Heights project. CAD coordination/as built drawings for mechanical contractor at the student residential learning building - Vermont Mechanical
- *University of Vermont* - Colchester Research Facility, coordination drawings for ductwork and piping - Sheet Metal Design and A. Cooper Mechanical, Inc.
- *Williams College* - Mechanical design for Renewal of the Faculty House/Alumni Center at Williams College, Williamstown, MA - Truex-Cullins and Partners Architects - Richard Deane, partner.

TEA Project Experience and References

- ***Williston Central School*** - Plumbing design for toilet rooms renovation at the Central School in Williston, VT - Gardner Kilcoyne Architects - Liza Kilcoyne, Partner in charge.
- ***Briarwood Manor*** - Mechanical & Electrical design for the renovation of an existing nursing home into a mental health facility, Vergennes, VT - Scott & Partners, Architects - Tyler Scott, Architect
- ***Hampden County Jail*** - Provide HVAC engineering services related to DCAM Hampden County Sheriff's Jail & HOC, Ludlow, MA - Constellation Energy
- ***Southern State Correctional Facility*** - Provide drawings and specifications for new handicap elevator for the Southern State Correctional Facility in Springfield, VT - Gardner Kilcoyne Architects - Bill Gardner, Architect
- ***Walden Behavioral Care Center*** - Provide design/build Department of Public Health Submission plans for the Walden Behavioral Care Center in Northampton, MA - B-G Mechanical
- ***Woodside Juvenile Rehabilitation Center*** - Provide engineering services for HVAC, plumbing and fire protection for renovations at the Woodside Juvenile Rehabilitation Center in Essex, VT - Gardner Kilcoyne Architects - Bill Gardner
- ***South Burlington, VT Fire Station*** - Mechanical design for new construction and renovations - Absolute Mechanical - Tony Edwards, Mechanical Contractor
- ***Springfield, MA Police Department*** - Provide engineering services for design/build energy improvements at Springfield, Massachusetts Police Headquarters - B-G Mechanical Contractors
- ***Stonington, Connecticut Post Office*** - Provide design for new heating system - B-G Mechanical Service
- ***Vermont Statehouse*** - Mechanical design for replacement make-up air unit at the Vermont Statehouse, Montpelier, VT - BGS, Mike McArdle, Engineer in charge.
- ***University of Vermont*** - Piping coordination drawings for mechanical contractor in Burlington, VT - A. Cooper Mechanical, Inc. - Allen Dacres
- ***Town of Rowe, MA*** - Provide energy upgrades to HVAC systems within schools in Rowe, MA - Siemens Building Technologies, Inc., Mark Buzzell
- ***University of Vermont*** - Coordination drawings for mechanical contractor - A. Cooper - Max Rooney

Industrial

- ***Cape Cod Potato Chips*** - Indoor air quality studies and modifications design for renovations to the Cape Cod Potato Chips plant in Hyannis, MA - Lance, Inc. - Rick Theriault, Director of Safety
- ***Casella Waste Management*** - Provide design/build and installation drawings for HVAC and plumbing at Casella Waste Management in White River Junction, VT - Sheet Metal Design
- ***DST Output*** - Mechanical design for a 44,000 SF addition to the DST Output Facility in South Windsor, CT - B-G Mechanical Contractors - Dave Riel, Vice President
- ***DST KVI Printers*** - Provide design/build and installation drawings - B-G Mechanical Contractors - Dave Riel, Vice President
- ***Husky Injection Molding*** - Investigate and analyze potential CO spillage problems in boiler room at the Husky Injection Molding plant in Milton, VT - Husky Injection Molding
- ***Leader Evaporator*** - Design/build HVAC plans for contractor to install exhaust ventilation systems for welding booths at the Leader Evaporator Company in Swanton, VT - Sheet Metal Design

TEA Project Experience and References

- **Liquid Measurements** - Prepare design/build construction and as built drawings for sheet metal work related to the Liquid Measurements project in the Morse Industrial Park, Georgia, VT - Avonda Air Systems
- **Omni Measurement Instruments** - Provide design/build engineering support for HVAC renovations in Milton, VT - Omni SMD
- **PBM Nutritionals** - Piping design for Corrosion Piping Project at the PBM facility in Georgia, VT - Engelberth Construction, Inc. - Brock Rouse, Project Manager
- **PBM Nutritionals** - Provide design documents for cooling of mix tanks to maintain product temperature control at the PBM facility in Georgia, VT - Engelberth Construction - Keith Morgan, Project Manager
- **Shaker Exhaust System** - Design of new exhaust system for Cape Cod Potato Chips, Hyannis, MA - Jeff Mobed, Plant Manager
- **Holyoke Gas & Electric** - Provide drawings for renovations to replace existing district heating system in Holyoke, MA - BG Mechanical Services, Dave Riel
- **Essex Rescue** - HVAC design for new emergency services building in Essex, VT - Sheet Metal Design - Jim Carew

Housing/Residential/Hotels/Motels:

- **Evergreen Place** - HVAC, Plumbing, FP and Electrical for renovations and additions to an elderly housing project owned by Central Vermont Community Land Trust in Waitsfield, VT - William Maclay Architects & Planners - Sara White
- **Four Winds** - Provide design services for mechanical at Four Winds elderly retirement community in St. Albans, VT - Scott & Partners Architects - Joel Page
- **Burlington Co-Housing** - Mechanical design for a new 30 unit residential complex including three townhouse buildings and one common building - William Maclay Architects & Planners - Chris Cook
- **Champlain Valley Co-housing** - HVAC, Plumbing, & Fire Protection design for new housing project to be located in Charlotte, VT - William Maclay Architects & Planners
- **Demming House** - HVAC, Plumbing, FP, and Electrical renovations for a six unit apartment house in Middlebury, VT - Scott & Partners Architects - Tyler Scott, Architect
- **Callahan Apartment Project** - Mechanical & Electrical design for the renovation of three existing historic buildings into housing for Housing Vermont in Burlington - Scott & Partners Architects - Joel Page
- **Sand Bar Inn** - Mechanical design for new restaurant and motel, and renovation of existing motel units in South Hero, VT - Scott & Partners Architects.
- **Essex Senior Housing** - Mechanical design for the construction of a new three story senior housing building being built for Cathedral Square Corporation in Essex, VT - Scott & Partners Architects
- **Kurrle Residence** - Investigation of mold problems and preparation of report for residence in VT
- **Weinstein Residence** - HVAC and Plumbing systems with radiant heating for a new residence in Warren, VT - The Burley Partnership - Regina Leccese, Architect
- **Hoblitzelle Residence** - Heating system replacement design in Waitsfield, VT - The Architectural Association - Jeff Dunham, Architect
- **Bear Creek Mountain Club** - Mechanical design documents for new condominiums to be located in Plymouth, VT - Vermont Mechanical - Tom Whitney, PE
- **Westlake Residences** - Provide design/build fit-up drawings for four Westlake Condominium units in Burlington, VT - Avonda Air Systems
- **Crowne Plaza** - Installation guidance for the installation of a new boiler to provide additional domestic hot water for a 350 room hotel in Hartford, CT - B-G Mechanical Service

TEA Project Experience and References

- *Hawthorn Suites Hotel* - Prepare plans for renovations to the fitness room at the Hawthorn Suites Hotel in South Burlington, VT - Dorset Hotel Associates, LLC
- *HowardCENTER* - 3 Residences - Add air conditioning to three residential buildings in Burlington, VT - Ed Vizvarie, HowardCENTER
- *Weill Residence-Lot 6, Lincoln Ridge* - HVAC systems design for residence in Warren, VT - William Maclay Architects & Planners - Chris Cook
- *The Hill House* - HVAC, plumbing and fire protection design for renovation - Scott & Partners - Joel Page
- *HowardCENTER* - Replacement boiler for residential building on North Avenue in Burlington, VT - Ed Vizvarie, HowardCENTER
- *Kitchel-McLaughlin Residence* - High efficient HVAC design for new/renovated home - Murphy Cell Tech - John Unger Murphy

Office/Medical

- *Center 16* - Provide design/build sheet metal construction drawings for Center 16 office building project in Colchester, VT - Avonda Air Systems
- *Chittenden Bank* - Provide design/build HVAC services for 2nd floor renovation at Chittenden Bank Operations Center in Brattleboro, VT, - Vermont Mechanical
- *CSAC - Catamount Park* - Provide design/build engineering services for HVAC and plumbing for office building in Middlebury, VT - Bienvenue & Ackel
- *Hind's Loft* - Provide design/build engineering services for HVAC for Hind's Loft project in Burlington, VT - Bienvenue & Ackel
- *Local 478* - Provide design/build engineering support for heating and air conditioning renovations for the addition at the Local 478 office building in Hamden, CT - BG Mechanical
- *Logic Supply, Inc.* - Provide design/build mechanical plans - Avonda Air Systems
- *Marsh, Inc.* - HVAC and Fire Protection design for multi-office relocation and renovation, Burlington, VT - Truex Cullins and Partners Architects - Richard Deane
- *Post Office Square* - Provide mechanical performance plans for HVAC and plumbing for the Post Office Square project in Essex, VT - Gardner Kilcoyne Architects - Liza Kilcoyne
- *Vermont Federal Credit Union* - HVAC & Plumbing design for a new three story office building in South Burlington, VT - Absolute Mechanical
- *Vermont Federal Credit Union* - HVAC & Plumbing design for new bank branch located in St. Albans, VT - Avonda Air Systems
- *Mad River Valley Health Center* - HVAC, Plumbing, and Electrical designs for a new health center and tenant fit-up in Waitsfield, VT - The Architectural Association - Jeff Dunham, Architect
- *Fletcher Allen Healthcare* - Provide mechanical design for the installation of new emergency generators at Fletcher Allen Healthcare, Burlington, VT - Kirick Engineering Associates - Michael Kirick, Electrical Engineer
- *Central Vermont Hospital - Medical Office Building* - HVAC and Plumbing design for a new 11,000 SF medical office building in Berlin, VT - Absolute Mechanical, contractor.
- *Essex Pediatrics* - Design/build layout for zoning units and ductwork drawing for coordination - Avonda Air Systems
- *Emergency Veterinarian Clinic* - HVAC design/build plans for a new emergency veterinarian facility in Williston, VT - Sheet Metal Design - Jim Carew
- *Lot 2 Tech Park* - Provide LEED assistance and commissioning services for 50,000 SF office building in South Burlington, VT - New England Air Systems - Rob Favali
- *CSAC 89 Main Street* - Provide design/build drawings for HVAC and plumbing for office building in Middlebury, VT - Scott & Partners - Tyler Scott
- *Vermont Association for the Blind* - Provide design/build drawings for HVAC and plumbing for medical office building in Burlington, VT - Avonda Air Systems - Bob Avonda

TEA Project Experience and References

- *Central Vermont Eyecare* - Provide LEED mechanical and electrical design for new construction of an office/medical building - NBF Architects - Ed Clark
- *Systems & Software* - Provide LEED HVAC design for renovation of an office building - Avonda Air Systems - Bob Avonda
- *William Maclay Architects & Planners* - Provide LEED design of HVAC and Plumbing for addition of office space in Waitsfield, VT - William Maclay Architects & Planners - Lisa Sawin
- *Vermont Center for Cancer Medicine* - Provide HVAC and plumbing design for new medical office building - Scott & Partners - Tyler Scott
- *CVAA at Post Office Square* - HVAC design for office fit-up - Avonda Air Systems - Bob Avonda
- *Green Mountain Electric* - High efficient HVAC design for office building - Murphy Cell Tech - John Unger Murphy
- *U.S. Department of Census* - Provide LEED HVAC renovations for new GSA office space - Avonda Air Systems - Bob Avonda

Retail/Restaurant

- *Ace Hardware* - Provide performance plans and specs for HVAC and plumbing design/build bidding for the Ace Hardware store in Essex, VT - Scott & Partners Architects
- *Green Mountain Harley Davidson* - HVAC, Plumbing, and Electrical performance plans and specifications for motorcycle dealership expansion in Essex Junction, VT - Homestead Design Inc.
- *Pet Supply Warehouse* - Provide mechanical construction plans for Lebanon, New Hampshire Pet Supply Warehouse - Dubois & King
- *Retail Expansion* - Provide performance specifications and plans for retail expansion project in Brattleboro, VT - Truex Cullins and Partners
- *Handy Chevrolet* - Mechanical design for new dealership located in St. Albans, VT - Avonda Air Systems
- *Snowboard Shop* - Mechanical design for new retail snowboard shop located at Killington, VT - Haynes & Garthwaite Architects - Byron Haynes
- *Capital Grounds* - Mechanical design for retail renovation of a new coffee shop in Montpelier, VT - Winston Design/Build - Jon Winston, Contractor
- *Junior's Restaurant* - Mechanical design for a new restaurant located in Colchester, VT - Avonda Air Systems
- *Leunig's Restaurant* - Replacement boiler installation guidance for restaurant located in Burlington, VT - Avonda Air Systems - Bob Avonda, Contractor
- *Red Hen Bakery* - Provide design services for HVAC at Red Hen Bakery & Café in Middlesex, VT - Northland Construction
- *City Market* - HVAC renovations for new store front and additional renovations - Bast & Rood Architects - Rob Bast

Mixed Use

- *Main St. Mill Renovations* - Mechanical and Electrical design for the renovation of an existing 4 story mill building to provide a medical center, retail space and housing in Richford, VT - Scott & Partners Architects - Tyler Scott, Architect

Recreational

- *Apple Island Resort* - Provide design/build HVAC design and installation plans for Apple Island Resort in South Hero, VT - Avonda Air Systems

TEA Project Experience and References

- ***Center for Crisis Pool*** - Provide HVAC design/build construction plans for pool unit to dehumidify indoor pool space at the Center for Crisis Center in Holyoke, MA - B-G Mechanical Services
- ***Jay Peak Ski Resort*** - Provide engineering services to include HVAC, plumbing and fire protection for five story hotel at Jay Peak Ski Resort in Jay, VT - Jake Webster
- ***Sugarbush Health & Racquet Club*** - Mechanical design for replacement of air conditioning and performance plans and specifications for heater replacements at the Sugarbush Health & Racquet Club facility in Warren, VT
- ***Georgia Mountain Health Facility*** - Mechanical design for new health club and pool facility proposed for Georgia, VT - Royal Design & Construction
- ***Sports Center*** - Mechanical design services for the development of a new Sports Facility being planned in Hartford, Vermont - Haynes and Garthwaite Architects - Byron Haynes, Architect
- ***Sugarbush Resort*** - Provide plans and performance specifications for fire protection and fire alarm systems at Mt. Ellen Ski Area - Sugarbush Resort, Jason Lasai
- ***Winooski Community Center*** - Provide design/build HVAC and plumbing installation drawings for community center in Winooski, VT - Avonda Air Systems
- ***WWII American Veterans Club*** - Provide HVAC performance plans and specs for the WWII American Veterans Club in North Hampton, MA - Miller Development
- ***Sugarbush Resort*** - Provide HVAC and plumbing design for expansion of ski area base lodge in Warren, VT - Architectural Association - Jeff Dunham

TEA References

- Absolute Mechanical, Colchester, VT - Tony Edwards, 802-872-0555
- Avonda Air Systems, S. Burlington, VT - Bob Avonda, 802-865-9900
- B-G Mechanical Contractors/Services, Chicopee, MA - Dave Riel, 413-592-5300, Bill Celatka, 413-888-1500
- BGS, State of VT, Montpelier, VT- Mike McArdle, 802-828-5650
- Bienvenue & Ackel, Addison, VT- Mark Bienvenue, 802-759-2220
- Black River Design, Montpelier, VT- John Hemmelgarn, 802-223-2044
- Cape Cod Potato Chips, Hyannis, MA - Keith Collins, 704-556-5624
- John Q. Doane, Architect, Essex Junction, VT- 802-879-3091
- Engelberth Construction, Inc., Colchester, VT - Brock Rouse, 802-846-2397
- Fred's Plumbing & Heating, Lyndonville, VT - Tom Graves, 802-499-9992
- Gardner Kilcoyne Architects, Winooski, VT - Liza Kilcoyne, 802-655-0145
- Haynes & Garthwaite Architects, Norwich, VT - Byron Haynes, 802-649-3606
- Kirick Engineering Associates, Williston, VT - Michael Kirick, 802-655-5731
- Lance, Inc., Charlotte, NC - Rick Theriault, 704-554-5526
- William Maclay Architects & Planners, Waitsfield, VT - Chris Cook, 802-496-4004
- New England Air Systems, Williston, VT - Rob Favali, 802-864-3800
- Scott & Partners Architects, Essex Junction, VT - Tyler Scott, 802-879-5153
- Sheet Metal Design, Essex Junction, VT - Jim Carew, 802-288-9700
- The Architectural Association, Waitsfield, VT - Jeff Dunham, 802-496-2195
- The Burley Partnership, Waitsfield, VT - Regina Leccese, 802-496-3900
- Truex-Cullins & Partners Architects, Burlington, VT - Richard Deane, 802-658-2777
- Vermont Mechanical, S. Burlington, VT - Tom Whitney, 802-862-5900