



CSI ENGINEERING

HVAC • ELECTRICAL • PLUMBING • FIRE PROTECTION

Keith Cannizzaro **Plumbing/Fire Protection Engineer**

EDUCATION

Northeastern University, Plumbing Building Design

Mr. Cannizzaro is a Plumbing/Fire Protection Engineer at CSI Engineering with over 10 years of building Plumbing and Fire Protection systems experience, including site surveys, system assessment, master planning, building design, and construction administration. Mr. Cannizzaro has performed these services for K-12 schools, colleges, hospitals, industrial facilities, office buildings, a variety of municipal and transportation-related buildings and numerous other types of facilities.

College Facilities

MIT University Building 26, Cambridge, MA

Plumbing/Fire Protection design and construction administration for the retrofit of three laboratory spaces for MIT University.

UNH Jenkins Court, Durham, NH

Plumbing design for a new four story apartment building at the University of New Hampshire.

UMASS Lowell, Lowell, MA

Plumbing study and re-design for an existing gas fired boiler installation.

Tufts University Multipurpose Function Center, Medford, MA

Plumbing/Fire Protection design and construction administration for the retrofit of a 9,000 square foot multipurpose function center for Tufts University.

Tufts University Sackler Building, Boston, MA

Plumbing/Fire Protection design for renovations of an 8-story academic building including extensive site investigation and design of a new multi use building.

Tufts University Arnold Building, Boston, MA

MEP/FP engineering services for development of options, including schematic designs and cost estimates, for extensive renovations to this 8-story building on the Tufts Boston Campus.

Curry College Student Center, Milton, MA

Plumbing and Fire Protection 3D design of a new student center building including a commercial kitchen and gymnasium.

Johnson and Wales New Culinary Arts Building, Rhode Island

Plumbing and Fire Protection design of a new four story cooking school. The building consists of numerous commercial kitchen appliances.

Tufts University 51 Winthrop St., Medford, MA

Plumbing and Fire Protection design for a conversion of an existing church into a lecture hall for the university.

Holy Cross University New Dormitory Building, Worcester, MA

Plumbing and Fire Protection design for a new multistory dormitory building.

Tufts University Posner Hall, Boston, MA

Plumbing and Fire Protection design of an existing lecture hall. Design consisted of new bathroom facilities.

North Shore Community College, Danvers, MA

Plumbing and Fire Protection 3D design of a new four story multiuse medical teaching facility.

Mass. Maritime Academy Library Modernization Building, Buzzards Bay, MA

Plumbing and Fire Protection 3D design for a new library and teaching building.

Microbiology Lab, Tufts University, Boston, MA

Plumbing and Fire Protection design for the renovation/fit-up for a new laboratory. Plumbing consisted of removing all existing piping and equipment and replace with new piping and equipment connecting to existing mains which included new non-potable water service and acid waste & vent, gas, vacuum and compressed air piping. Fire Protection consisted of a new automatic sprinkler system connecting to the existing service.

Zebra Fish Lab, Tufts University, Boston, MA

Plumbing and Fire Protection design for the renovation/fit-up for a new laboratory. Plumbing consisted of removing all existing piping and equipment and replace with new piping and equipment connecting to existing mains which included new non-potable water service and acid waste & vent, gas, vacuum and compressed air piping. Fire Protection consisted of a new automatic sprinkler system connecting to the existing service.

New England College of Optometry, Boston, MA

Plumbing design for the renovation of an existing four story building in Boston. The building is owned by the college and the project consisted of connecting the building to the adjacent building. Plumbing consisted of new domestic water service, gas service for heating equipment and sanitary system.

Education Facilities

Worcester North High School, Worcester, MA

MEP/FP engineering services for the design of a new 225,000 SF 4-story building. The system includes a two-pipe changeover system in addition to flat plate heat exchanger energy recovery units to supply fresh air into the classrooms.

Taunton Schools Building Addition/Renovation Project, Taunton, MA

Mechanical engineering services for a new 63,500 SF middle school addition and phased renovations to the aging 461,500 SF high school. The New Parker Middle School addition features classrooms, cafeteria/auditorium, offices, a mechanical room, and complete air conditioning throughout the school.

Cathedral High School, Boston, MA

Plumbing design of a renovation and addition to the high school. The design consisted of four brand new teaching laboratories and new plumbing systems for the building to support the laboratories.

Housing Facilities

Glenridge Senior Living, Atkinson, NH

Plumbing and Fire Protection design for (3) new senior living apartment buildings.

Barressi Heights, Bates Towers, & Bishop EID Elderly Housing, Fall River, MA

Plumbing and Fire Protection renovations of existing elderly housing authority for the addition of ADA toilet rooms.

Hyannis Hostel, Hyannis, MA

Plumbing and Fire Protection design for the retrofit of (3) existing buildings being converted into hostel style buildings.

Boston Housing Authority Franklin Field, Dorchester, MA

Plumbing design for the renovation of the existing central domestic hot water plant for over 300 apartments.

Hingham Shipyard Condos, Hingham, MA

Plumbing and Fire Protection design of three condo buildings. There was one five story and two four story buildings. Each building includes full plumbing and fire protection services.

Watermark II/Kimpton Hotel, Cambridge, MA

Plumbing and Fire Protection design for a new high-rise condo/hotel building. The building sits on top of an existing underground garage.

Fairmont Copley Hotel, Boston, MA

Plumbing design for a domestic hot water relocation and upgrade for the buildings.

Benchmark Assisted Living, Newton, MA

Plumbing study of the domestic water usage for the facility. The report provided an evaluation of the existing system and recommendations on how to reduce water usage in the building.

Charleston Lofts, Everett, MA

Plumbing and Fire Protection design for the renovation and conversion of the old Charleston Chew factory building into an eight story high rise condo project.

303 Columbus Ave, Boston, MA

Plumbing and Fire Protection design for a new eight story high rise end condo project in Boston.

48 Denver Street, Saugus, MA

Plumbing and Fire Protection design for a new four story condo and garage project in Saugus.

Lovejoy Wharf, Boston, MA

Plumbing design for a new twelve story high story high rise condo and mechanized garage.

Municipal Facilities

State Police Facility, Medford, MA

Plumbing design for the renovation of the State Police Barracks in Medford, MA.

EMS Facility, Colebrook, NH

Plumbing and Fire Protection design for a new Emergency Services building in New Hampshire.

GSA US Citizenship and Immigration Services, Bedford, NH

Plumbing design for a new (2) story Immigration building in New Hampshire.

Westborough State Hospital Girls D.Y.S. Facility Westborough, MA

Plumbing and Fire Protection design for a new building addition to the Westborough State Hospital for a D.Y.S. girl facility.

Laboratory Facilities

Dana Farber Cancer Institute, Boston, MA

Plumbing design for the fit-up for a new laboratory/office in a new high rise building. Plumbing consisted of a new domestic water, non-potable hot water, compressed air, vacuum, and gas distribution off the existing risers.

Domestic hot water and non-potable hot water were produced through new steam fired water heaters. Other plumbing systems included sanitary waste and vent system, acid waste and vent system, RODI water system and PH neutralization system.

Histogenics, Waltham, MA

Plumbing design for the fit-up for a new laboratory/office in a new high rise building. Plumbing consisted of new domestic water, non-potable water, compressed air, nitrogen, and vacuum distribution off the existing risers. Domestic hot water and non-potable hot water were produced through new has fired heaters. Other plumbing systems included sanitary waste and vent system, acid waste and vent system, ROSI and DI water system and PH neutralization system

Transportation Facilities

Plaza de Convalecencia Parking Facility, San Juan Puerto Rico

HVAC design for the renovation of a 4-story parking facility.

Commercial

NDN Realty Trust, Meredith, NH

Plumbing and Fire Protection design for a new (3) story office building.

Metalcrafters, Methuen, MA

Plumbing renovation of existing high pressure gas system.

Amos Wash & Dry, Portsmouth, NH

Plumbing design for a new Laundromat.

TNT Fireworks, Londonderry, NH

Plumbing design for a new fireworks store fit out.

Lunette Optics, Dedham, MA

Plumbing design for a new eyeglass store within the Legacy Place Mall in Dedham, MA.

PDA Golf Club House, Portsmouth, NH

Plumbing design for a (2) story club house

730 Eastern Ave Electric Vault, Malden, MA

Fire Protection design for a new Electric vault.

Bayring Communications, Portsmouth, NH

Plumbing design for a new (2) story addition to an existing office building.

Honda Barn, Reading, MA

Plumbing and Fire Protection design for the retrofit of a new car dealership

BCL Sports Facilities, Bridgewater, MA

Plumbing and Fire Protection design for two new sports complexes. The buildings are metal two story buildings with a full commercial kitchen and multiple soccer fields.

Big Y Supermarket, North Hampton, MA

Plumbing design for a new 50,000 SF supermarket located in N. Hampton.

Big Y Supermarket, Wilbraham, MA

Plumbing design for a new 50,000 SF supermarket located in Wilbraham, MA.

CSC Norwich Data Center, Norwich, CT

Plumbing and Fire Protection design for a new 11,000 SF building addition including renovations to an existing 18,000 SF portion of the building for a new data center.

Berkshire Development, Amherst, NH

Plumbing and Fire Protection design for a new building retail development consisting of five attached building located in Amherst.

Vista Print, Lexington, MA

Plumbing design for a four floor tenant fit-up in Lexington.

72 Jonspin Road, Wilmington, MA

Plumbing design for the design of a new two story 10,000 SF building addition. Plumbing consisted of replacing the water meter and supply pipe feeding the system with new larger meter and pipe. We also replaced the existing electric water heating with a larger heater to handle the new hot water load. Other plumbing systems included new sanitary waste and vent system for new bathrooms which connected to existing sanitary system.

Restaurants

Alma Nove Restaurant, Hingham, MA

Plumbing design for a new restaurant within the Hingham Shipyard development.

Aquataine Restaurant, Dedham, MA

Plumbing design for a new restaurant within the Legacy Place Mall in Dedham, MA.

Metropolitian Club Restaurant, Dedham, MA

Plumbing design for a new restaurant within the Legacy Place Mall in Dedham, MA.

J.P. Licks, Dedham, MA

Plumbing/Fire Protection design for a new ice cream parlor within the Legacy Place Mall in Dedham, MA.

Temptations Cafe, Brookline, MA

Plumbing design for a new café style restaurant in Brookline, MA

RiRa Irish Pub, Portsmouth, NH

Plumbing design for a new two story restaurant located in downtown Portsmouth.

Ruth's Chris Steakhouse, Providence, RI

Plumbing design for the new restaurant in Providence.

Banks

Salem CO-Operative Bank, Methuen, MA

Plumbing design for the new single story bank

Provident Bank, Exeter, NH

Plumbing design for the new single story bank

Riverbank, Lawrence, MA

Plumbing design for a new single story bank

Great Water Bank, NH

Plumbing and Fire Protection design for a new two story bank.