

MICHELLE HOUGHTALING, P.E., LEED AP



PRINCIPAL-IN-CHARGE

Michelle Houghtaling is the Principal of MH Professional Engineering. She has worked for more than thirty years in the HVAC design of heating/chilled water plants, laboratories, computer/server rooms, healthcare, and commercial, institutional, and educational building's support utilities. Michelle's experience designing projects for both the public and private sectors imparts a real understanding of how each project needs to be managed for success from schematic design through construction. In addition, Michelle has designed, managed and commissioned several buildings that have received or are in the process of applying for USGBC LEED certification.

LICENSES

Professional Engineer:
NY, CT, VT, VA, PA,
MA, NJ, RI, NH

EDUCATION

Bachelor of Science
Aerospace Engineering
Boston University

EXPERIENCE

Total: 31 years
With MH: 10 years

PROJECT EXPERIENCE

State Capitol Stair Investigation, Albany, NY

Designed a 9,000-square-foot snow melt system to facilitate the rehabilitation of stairs and roadway rehabilitation for the rehabilitation of the Eastern Approach to the New York State Capitol.

Department of Transportation Maintenance Garages, Various NY Locations

HVAC systems designed included boilers, air handling systems, radiant floor systems, carbon monoxide and nitrogen dioxide monitoring system, carbon monoxide exhaust system, and temperature control system for a total of eight maintenance garages.

State Preparedness Training Center, Oriskany, NY

Design included a VAV system for heating and cooling, a vehicle exhaust system, radon evacuation system; wet, dry and chemical sprinkler systems, emergency power system, fire alarm system and security system.

Dana Hall, SUNY Canton, Canton, NY

HVAC upgrades included replacing the entire heating system, adding code compliant ventilation to all areas, and adding air conditioning to the building. All plumbing and fire protection systems were replaced and electrical systems (power distribution, lighting, tel./data, security, etc.), were also replaced, including main electrical switchgear.

Niskayuna Fire Station # 1, Niskayuna, NY

Project included 10,000-square-foot apparatus bay addition with radiant floors, elevator, vehicle exhaust system, generator and sprinkler system. Existing portion of building was completely reconfigured into department offices, training room and bunk area.

Nedloh Brewery, Rochester, NY

Design included refrigeration for product cooler, VRV heat pump system for all office areas, rooftop unit for general heating/cooling/ventilation of tasting room, and a steam boiler for brew process.