

Food Services

BU Food Service Renovations

Binghamton, NY

Construction Cost: \$105,000 Size: 22,000 sq-ft

Binghamton University completely redesigned and renovated their 22,000 square foot food union. The new, modern design featured an array of mini restaurant stands, with a stimulating complex ceiling design, including a grand rotunda.

RAN Engineering designed a sprinkler system that encompassed not only an elaborate ceiling design, but also the complex mechanical and electrical systems. Coordination was accomplished using Revit 3-D modelling.

Additionally, the sprinklers and piping were designed to blend into the background, so as not to take away from its architectural magnificence.



Albany Memorial Hospital Cafeteria

Albany, NY

Construction Cost: \$160,000 Size: 18,000 sq-ft

Albany Memorial Hospital is a 165-bed community hospital which provides acute inpatient and outpatient care. A cafeteria is provided to feed patients, staff, and visitor's at the hospital.

RAN Engineering's president provided fire protection engineering design services for the renovation of the existing

Basement Level and redesign of the lobby area toilet rooms. The design incorporated phasing and restricted work times for the construction.

Momentive Performance Materials

Waterford, NY

Construction Cost: \$25,000 Size: 5,000 sq-ft

RAN Fire Protection Engineering provided fire protection engineering design services for the renovations to the Building 12 Cafeteria at Momentive. The scope of services for this project included engineered construction plans and consulting services. The fire protection design drawings included a sprinkler and piping location plan, and hydraulic calculation.



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Starbucks Coffee Shop Sheraton Hotels Boston, MA

The Sheraton Hotel located in Boston, MA, is 70,000 square feet of hotel rooms, 2 restaurants, spa, fitness room, and pools. The 29-story high-rise hotel is located conveniently within walking distance of some of Boston's biggest landmarks.

RAN Fire Protection Engineering has been contracted for FP engineering services for the 80,000 square feet of hotel space renovations, along with a Starbucks and Landau's Jewelry Store in the hotel's lobby. The renovations were completed adding more comfortable

hotel accommodations, amenities and retail shopping conveniences for the hotel's patrons and clients. The space improvements help in maintaining client retention and attracting new customers.

State University at Albany Campus Center

Albany, NY

Construction Cost: \$600,000 Size: 122,000 sq-ft

RAN Fire Protection Engineering provided fire protection engineering design services for the Campus Center expansion project at the University at Albany.

The renovations consisted of modifying and extending the sprinkler coverage to the scope of work areas within the functioning kitchen and serving area. RAN designed the construction process into phases so that the kitchen would still be operational while completing the renovations. RAN designed intricate standpipe and sprinkler systems for the renovation and expansion of the campus center which considered the historical elements of the existing building. RAN's design also overcame the challenges presented by an insufficient water supply via the use of a fire pump.



Whitney Dining Hall

Unionville, CT

In the summer of 2019, a new hood in the kitchen of the Whitney Dining Hall in the UConn campus was installed. A new hood in the kitchen of the Whitney Dining Hall in the UConn campus was installed. RAN provided fire protection sprinkler design documents showed modifications to the existing sprinkler heads to accommodate the new hood.

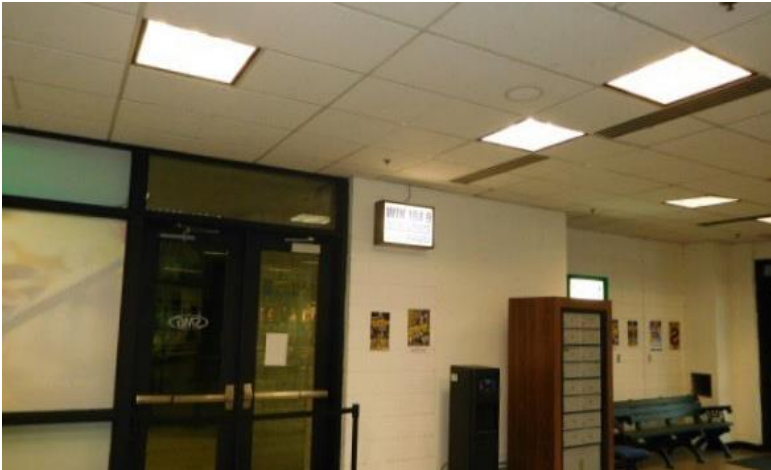
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Shake Shack- Cross County Mall Yonkers, NY

The Cross County Mall is an open-air shopping mall with approximately 100 shops and services. One of the food services offered at the Cross County Mall is Shake Shack. Shake Shack is a fast-food chain that started as a hot dog cart inside Madison Square Park in 2001.



RAN was retained to provide review and analysis of fire protection drawings. Additionally, RAN reviewed the working drawings to verify agreement with the design intent and stamp them in compliance with SED regulations for design delegation.



Expert Witness Wolf's 1-11 Arena Sports Grill Albany, NY

RAN Fire Protection Engineering provided fire protection engineering services. RAN's consulting services included expert witness and forensic consulting for Wolf's 1-11 Arena Sports Grill located in Albany, NY. RAN made all reasonable efforts to incorporate practical and advanced fire protection concepts into their consulting services. The opinions and reports rendered by RAN Fire Protection Engineering personnel were based on facts and data made available for review in addition to our experience and professional analysis.