



PROJECT DESCRIPTION

Memorial Hall was constructed in 1967 and houses the Physical Education Department with a gymnasium, pool, faculty offices, fitness center and classrooms. The project consisted of the removal and replacement of 14,200 sq. ft. of EPDM roofing. As part of a renovation Master Plan RE&LS provided services for Structural Design and Hazardous Materials Inspection.

The Hazardous Materials Inspection included a Pre-Renovation Asbestos Survey/Inspection. A PCB Caulk Survey and Lead Paint Surveys were conducted. RE&LS provided a Hazardous Material Inspection Report, Abatement Design and Construction Administration Services, pre & post bid submittals, specifications, on-site management and pre-bid conferences.

Structural Design services included structural design services of the existing 3-story building that has been constructed on a deep pile foundation system. RE&LS analyzed the existing 2-way waffle slab floor system supported by reinforced concrete and steel beams for available capacity to support the proposed amenities and mechanical equipment, athletics training area, a full size gymnasium

RE&LS structural modifications included; the removal of the existing swimming pool area and replacement of the structural floor infill and modified lateral load resisting system. Restoration of the second floor racquet ball courts with infilled floor framing. Added a raised floor in the existing cardio fitness center arm, and the addition of a mechanical equipment room in the previous bowling alley area and framing for added mechanical roof top equipment.

Owner: SUNY Plattsburgh

Client: Holt Architects, P.C.,

Quay Thompson/Bernard Best, 518-793-0786

Services Provided: Environmental / Structural Engineering

Completion Date: 2020 (anticipated)