



## Project Profile

**Client:**  
University of Delaware

## Rawstrum Natatorium Carpenter Sports Building

**Design Professional:**  
Moeckel Carbonell Associates

**Location:**  
Newark, DE

**Delivery Method:**  
General Contracting

**Key Challenges:**

- To complete mechanical upgrades within a natatorium without draining the pool in order to conserve water.

The renovation project was initiated by the University of Delaware's need to upgrade the mechanical system in the pool area as well as some long overdue masonry repairs to the outside of the building. In the interest of water conservation, the University requested that the work be executed without draining the pool. In order to fulfill this request and complete the mechanical installations above the ceiling tiles, scaffoldings were installed in the pool. Scuba divers were utilized to install and secure the scaffolding in the pool.

Inside the building, Bancroft installed two new Pool Pak units, replaced all duct work in the pool area, painted the ceiling, and added blue and gold accent striping to the walls. Outside the brick façade was in much worse condition than was originally anticipated. There were areas where brick ties had deteriorated to a point of failure or were not installed at the correct locations. The team performed a lot of additional work at the control joints to correct these conditions. In addition, they cleaned and replaced coping stones, removed brick to clean and paint structural steel, cut new control joints into masonry walls, and installed new brick ties to secure the brick façade to columns.