



# PROJECT PROFILES EDUCATION

## **Nova Southeastern University – Fort Lauderdale, Florida**

Over the years, BMS CAT has completed various fire, water and construction services for Nova Southeastern University. A few of the most notable projects include waterproofing the exterior walls, EFIS repair and re-glazing of all the windows of the five story College of Dental Medicine Building, and the complete removal and replacement of the glass wall above the porte-cochere.



In May 2015, a water main ruptured on the second floor of the Mailman-Hollywood Building. The water caused extensive damage throughout the first and second floors of the building. The second floor subfloor required replacement because it was constructed using a MDF underlayment that swells when exposed to water. Because of the structural design of the building, the most practical repair was to remove the water damaged MDF underlayment and install lightweight concrete. The entire

5,000 square feet of the second floor required controlled demolition, floor replacement, drywall installation, paint, electrical work, plumbing work and asbestos abatement. To minimize business interruption, BMS CAT was able to complete the project while the first floor was occupied.

The second floor housed the office of the Dean and other various university department heads, all of whom had to be relocated. We assigned an individual supervisor to each department head to help determine which items and other content could be stored, and which items needed to be relocated to another area during the reconstruction phase. A thorough inventory was completed for each office, and items were tracked until they would be returned to the office after repairs. Every effort was made to provide the university staff with an exceptional “white glove” customer service experience throughout the entire process.

Additionally, the Digital Production Services Department was located on the first floor of the building. This area was home to the campus television studio and other recording facilities. In order to complete the scope of work, BMS CAT erected containment to protect sensitive equipment and lighting during reconstruction. In fact, we had to relocate this containment set-up numerous times throughout the project, as sensitive equipment was spread out across the entire first floor. Our crews worked diligently and methodically, and the Chancellor of the university was successfully able to film his weekly address in the studio.

## **Saint Leo University – Leo, Florida**

Six weeks before classes started, exceptionally heavy rains in July of 2013 caused flash flooding throughout the region just North of Tampa. Floodwater affected 25 buildings throughout the Saint Leo University campus. The school contacted BMS CAT, and crews were immediately on site to assist in the cleanup and restoration of the campus. We started helping with laying sandbags, pumping out standing water, drying the structure, along with demolition. Within three days, all the grounds, sidewalks and parking lots were pressure washed and cleaned. It was important to the school that the exterior of the buildings on campus looked normal, with no visible signs of flooding.

The floodwater affected the 50-year old gymnasium floor and the athletic workout facility located in the basement of the gymnasium. Football practice had already started for the 2013 season and the team needed the facility. BMS CAT crews launched into action, pumping out six inches of standing water and installing desiccant drying equipment to return the area back to normal moisture levels. Twenty-four hours later, our team disinfected the entire workout facility and reconditioned the exercise equipment so practices could resume. The water also damaged the gymnasium floor beyond repair and required removal. Crews installed a new hard wood floor, including acclimation and finishing the floor, in weeks. We were able to salvage the center court logo from the original floor and give it back to the school as a keepsake.

Water damaged the first floor of several dorms, and the entire area required demolition, disinfection and reconstruction. The water destroyed custom cabinets and replacements were required. However, the standard lead time for these types of cabinets did not fit into the timeline before the new school semester started. BMS CAT was able to find a local cabinet company, which adjusted their production shifts to operate 24 hours a day in order to construct the vanity cabinets, along with the cabinets for the sports medicine facility. The cabinets were finished and installed, including the cultured marble counter tops and plumbing, to meet the school's ten day deadline.

In conclusion, BMS CAT provided complete turn-key services for Saint Leo University after the 2013 flood, including controlled demolition, structural drying, cleaning and reconstruction. The BMS CAT team also addressed concerns about asbestos and lead contamination in 180 dorms, which required abatement of the hazardous material. All 25 buildings on the campus that were damaged as a result of the flooding were successfully restored prior to the commencement of the fall 2013 semester.



### **Palm Beach Atlantic University – West Palm Beach, Florida**

Since 2010, BMS CAT has been a priority vendor for Palm Beach Atlantic University. We have managed as many as ten separate projects in an individual month, and more than a hundred separate projects since the partnership started. The relationship started by assisting on an insurance claim, and BMS CAT quickly grew into a turn-key provider for a wide range of services such as indoor air quality (IAQ), capital improvement projects, fire damage recovery and water damage restoration. In fact, we have renovated eight different dorms through providing controlled demolition, fire suppression systems, plumbing, cabinetry, electrical and all mechanical services.

One project our crews tackled was when the dorm rooms in the Samaritan Building sustained excessive water damage as a result of roof and HVAC unit leakage. With air quality being a major concern, the university engaged BMS CAT to recover the facility. We performed structural drying, controlled demolition and replacement of the HVAC system. In addition, mold remediation and asbestos abatement were necessary to ensure occupant safety. Our crews worked diligently to allow the university to return to normal operations quickly and safely.

### **University of Tampa – Tampa, Florida**

At the start of the fall 2014 semester, students in the Austin Hall freshman dorm were playing soccer in the corridor. A wild kick caused the ball to strike a sprinkler head and water started to pour out. The water affected over 80 rooms on nine different floors. One of the major challenges was coordinating with students and parents in order to move all the residents out, and to another dorm while repairs were taking place.

The scope of work included controlled demolition, drying of building materials, drywall replacement and painting. Our crews worked 24 hours for 24 straight days until all repairs were completed within three weeks. After completion, the students' contents were relocated a second time back into their original dorm rooms.

