PROJECT: Washington University – Busch Hall Renovation

OWNER: Washington University – St. Louis, MO

CHALLENGE: Convert a 1900’s era Academic Hall to a modern facility with central HVAC, updated plumbing, electrical, fire protection, and data communication systems. The age of the building posed many design and construction challenges, including the need to maximize the usable floor area. The entire interior of the building was stripped to its structural shell, yet no exterior renovations were required.

CONSTRUCTION COST: Confidential

BUILDING SIZE: 42,300 sq ft

SCOPE: Busch Hall, a historic building dating back to 1901, was the first building constructed on the University’s Danforth Campus. A previously unused sloped ceiling mezzanine was converted into a mechanical space housing four of the building’s five air handling units. Floor space was maximized with the use of several duct risers. The renovated space now includes new restrooms, elevators, several offices, classrooms and a lecture hall.

APPROACH: A key priority for McClure and the owner was to avoid any loss of utility support to surrounding buildings, as a result of the upgrades. The project was completely successful.

COMPLETION: 2009

AWARD: 2010 LEED NC certified Silver Level