



# University of Chicago



OWNER | University of Chicago  
LOCATION | Chicago, Illinois  
FACILITY TYPE | Educational institution

## PROJECT BACKGROUND

The University of Chicago is recognized as one of the premier academic and research institutions in the world. As part of a new molecular engineering program, the University elected to construct the new William Eckhardt Research Center in the middle of their Chicago medical campus. To make room for the new building, the five-story Research Center building, built in 1951, had to be demolished.

Brandenburg was contracted to perform the demolition of the building as well as the site preparation for new construction. The Research Center building was connected to the newer Biopsychological Research Building which was to remain operational during the project. Brandenburg had to manually separate the two buildings by saw cutting the concrete floors. A negative pressure enclosure, measuring at 100' x 300', was constructed five stories above the ground to allow for removal of the asbestos-containing roof material.



## SCOPE OF WORK

- Constructed negative pressure enclosure five stories above ground
- Removed all asbestos-containing material
- Removed, packaged, transported, and disposed of all universal waste
- Separated buildings by saw cutting concrete floors into sections and hoisting them to the ground
- Minimized vibrations transferred to adjacent structures
- Removed all above-grade structures and concrete floor slabs
- Processed clean concrete on site to be used as backfill
- Segregated, recycled, and disposal of all material
- Performed final site grading

**Brandenburg®**