MIT – Hazardous Materials Abatement and Interior Building Demolition
Boston, MA
$1,500,000

Charter performed extensive interior demolition, asbestos abatement, and hazardous materials removal at the Massachusetts Institute of Technology campus. The project was spread out over 5 different buildings and involved close to 300,000 sf. The overall objective of the project was to consolidate MIT's Physics department into one space. It is the most significant expansion and renovation of the main group of buildings, since the completion of the current buildings in the 1930's.

One of Charter's first tasks was to perform asbestos/hazardous materials abatement and complete the interior demolition on one of the stand-alone buildings. This building was used by the physics department for a number of different lab experiments. The building was designed in a way that if there were ever a problem within this building, it would be self-contained. Therefore the exterior walls, roof, and floor of the building had many different layers of protection.

One of the more challenging tasks of this project was removing the entire floor structure. The floor structure was designed containing layers of transite panels between concrete slabs, which were more than two feet thick. Because of the complex nature of the flooring system and the location of this building within the main courtyard, the entire floor had to be hand cut and removed piece by piece.

Hazardous materials removed off-site included ACM floor tiles/mastic, ACM pipe insulation, PCB window caulking, ACM roofing materials, ACM joint compound, transite panels, sinks, desktops, chalk boards, and entire windows with glazing.

All work associated with this project was completed in active, occupied buildings. Charter took special care not disrupt the students or faculty while work was being performed.