

Designing Training Facilities for Our Nation's Leaders



CHALLENGE

Our team was selected to provide acoustic consulting to ensure sound isolation between spaces of a confidential government training facility.

SOLUTION

Through careful design we were able to create an acoustically secure site.

RESULT

Our team established acoustic standards for optimal privacy.

WE DESIGN FOR GOVERNMENT CONFIDENTIALITY

Our team of experts provided acoustic consulting services for the 200,000-sf confidential government training facility. The bulk of the project was devoted to classroom spaces, with lecture areas large enough to house 400 students and 200 instructors. Optimal acoustic privacy was key in project design to ensure confidentiality between spaces.

Working on a secure site, our team focused on sound isolation between classrooms and hallways to meet government clearance standards. In addition to main classroom spaces with operable partitions, the project also featured large multipurpose rooms with translation booths used for real-time translation of various languages for live events. These spaces were all comprised of Sound Transmission Class (STC) glass and required extensive noise isolation from one another.

The building also included a variety of gathering spaces. Cafes, break rooms, and multipurpose areas were designed to foster student collaboration. We developed solutions to control the sound energy in transfer ducts, allowing the mechanical system to work properly, all while maintaining acoustic standards for the various partitions, which was particularly challenging due to the open ceiling design.