



## **Manhattan Community Squash Center**

**Architect:** Furman + Furman

**Client:** Manhattan Community Squash

**Completion:** 2020

This five-court facility managed by the Squash Center was constructed in the historic Engineering Societies' Building in midtown Manhattan at 25 West 39<sup>th</sup> Street.

This squash facility is a full floor space with separate commercial tenants directly above and below. The Squash Center was to operate at capacity to a level of complete inaudibility to any separate tenant space during all hours. The main challenge for this particular site was to properly engineer and design an acoustical floor, ceiling, and wall system that prevents all audible noise transmission and perceptible vibrations through a 100 year old base building structure consisting of a topping slab above a terracotta arch structure and early steel framing.

After performing our benchmark assessment of the base structure, Longman Lindsey was able to identify the acoustic weaknesses of the structure and properly design the mitigation with the help of the project architect Furman & Furman.