



BFX Studio – New York

Architect: Fabiano Designs

Client: Town Sports International

Completion: 2014

We provided acoustical consultation for Town Sports International's premier boutique fitness center at 555 Sixth Avenue. The challenge of this project was to acoustically isolate the luxurious fitness center primarily from apartments located above but also from the adjacent retail spaces. To achieve this, we completed an analysis of the airborne and structure-borne sound transmission between the fitness center and the residential spaces above.

Our solutions included isolated floor details and special sound barrier construction and materials to mitigate noise and vibration from treadmills, weight training, and extreme sport classrooms that utilize cutting-edge fitness technology.

Our acoustical recommendations incorporated the best use of the proposed floor plan for fitness spaces and most effective treatments, all based on our extensive experience with fitness center noise and vibration/impact control.