



## Barry's Boot Camp – New York

**Architect:** DesBrisay & Smith Architects

**Client:** Barry's Boot Camp

**Completion:** 2014

Barry's Boot Camp opened a fitness center at 419 Lafayette Street. Our work with Barry's began during site selection where we worked with their senior management and architects to evaluate potential locations and assess the likely extent of noise and vibration control required. This expertise sets us apart from our competitors: our experience helped our clients avoid costly remedial work simply by choosing or avoiding a specific location.

The Lafayette Street club is sized at 8,000 SF and includes full locker rooms with showers, shake bar, and group studios with free weights and cardio. Barry's training regimen focuses on cardio as well as extensive use of weights, all of which generate impact to the building structure. We completed comprehensive testing of the airborne and structure-borne sound transmission between the fitness club and the adjacent tenant spaces. We reviewed the club layout and identified the noise and vibration control construction as well as details required to mitigate potential transmission.

Our acoustical recommendations included sealing existing slab penetrations, fully isolating the studio space from the base building structure, and fitting an electronic limiter into the sound system. Our recommendations helped the building's tenants cohabitate in a non-intrusive and enjoyable atmosphere.