



## Shifted Recording Studio

EP Engineering worked with Shifted recording studio and DesBrisay and Smith Architects to convert a 3,100 square foot garage warehouse into a full recording studio. The studio features recording booths, control rooms, production rooms, tracking room, and a lounge with kitchenette. All of the rooms are built as soundproof enclosures with floating wall and ceiling construction for all sound sensitive rooms.

### Challenges:

- Coordination with existing conditions was difficult with varying floor elevations, ramps, and a sloped roof.
- Designing and locating an independent air handler for each soundproof room with fully ducted supply and returns.
- Providing fully coordinated MEP services around new double-walled room conditions and secondary floating ceilings.

### Achievements:

- Close coordination with an acoustical engineer during design and careful implementation of mechanical system and duct silences led to a noise criteria of 20 in all sound sensitive rooms.
- Providing independent zone temperature control with both heating and cooling available year round due to highly insulated soundproof rooms.

### Location:

855 Humboldt Street  
Brooklyn, NY 11222

### Project Size:

3,100 SF

