

Case Study – Country Club of Buffalo

May 3, 2019



STC Hi-Sabin™ Panels were used to control reverberant noise problems in the Dining Room and Club Room of the Country Club of Buffalo. Panels were concealed above stretched fabric in the center of the room.

The Problem: Gypsum board in the center of the ceiling of the Club Room was reflecting sound from the bar to the seating area. A reverberation time of **0.8 second** was also considered disturbing to some. Similar problems of reflected sound plagued the Dining Room.

The Solution: The Club Room received 64 sf of 1.5-inch-thick **STC Hi-Sabin™ Panels** on the existing recessed gypsum board, mounted with half-inch standoffs and covered with stretched fabric providing an effective Type J mounting and inconspicuous installation. Reflections have been eliminated and the reverberation time has been cut to **0.6 second**, providing an ideal acoustical environment for the lounge.

