



Renovations—Theater

Radio City Music Hall

New York, New York

Although Radio City Music Hall has occupied center stage in New York City's cultural life since the 1930s, performers and audiences alike had for years complained about the auditorium's echoes, uneven sound distribution, boomy bases, and disturbing noise from nearby city streets. When a desire to return the hall to its original glory prompted a thoroughgoing renovation, JaffeHolden was brought aboard to consult on acoustical aspects of the project. JaffeHolden's solutions included careful selection of an architecturally sensitive acoustical fabric system to control echoes, installation of a "bass trap" to absorb low-frequency sound, and—to bring the hall's electro-acoustic systems up to date—upgrading and expansion of the sound reinforcement system moviegoers hear every nuance of a film's soundtrack.



New Victory Theatre

New York, New York

The New Victory, the first of the venerable houses to be reborn as part of the 42nd Street Redevelopment Project, now hosts performances designed especially for children. JaffeHolden introduced modern acoustical standards into the intimate, 650-seat theater while retaining the historic architectural fabric that gives the New Victory its warm, inviting ambiance. Rear-wall acoustic panels control echoes; isolation doors prevent Manhattan street noise from intruding; and a new ventilation system keeps patrons comfortable without producing audible noise. The JaffeHolden-designed sound system equips the theater with a flexible tool for special audio effects and sound reinforcement.



New Amsterdam Theatre

New York, New York

The 1,840-seat New Amsterdam Theatre, a cornerstone of the 42nd Street Redevelopment Project, is home to the Walt Disney Company's theatrical extravaganzas. The \$36 million renovation of the theater, which was built in 1903 and played host to the renowned Ziegfeld Follies from 1913 to 1927, included upgrading the orchestra pit for Disney's *The Lion King*, enhancing overall acoustics to suit today's lavish musical productions, and introducing sound-isolation treatments to block noise from the dynamic Times Square neighborhood.

