

projects



the gatehouse

Location: New York, NY

Project Type: Renovation

Seat Count: 200

Opening: 2006

Cost: \$21 Million

Architect: Ohlhausen DuBois Architects

Theatre Consultant: Todd Berling

Contact: Rolf Ohlhausen | President - Ohlhausen Dubois | 212.420.8600

AD Scope: Acoustics

The Gatehouse, at City University, New York, NY, originally a water pumping station for the Croton Aqueduct, has been transformed into a state-of-the-art performance venue. In addition to the 200-seat theater, the interior accommodates two new floors including lobby, patron amenities offices and dressing rooms. The newly renovated hall is the first new performance space built in Harlem in more than 20 years. The theater is operated by Harlem Stage/Aaron Davis Hall, which, for over 25 years, has showcased work by leading dance groups, theater companies and musicians.

The 1890 stone building, listed on the National Register of Historic Places, created several acoustic challenges. Roof exhaust fans had to be mounted indoors, with custom enclosures in the ceiling of the performance space, due to lack of vertical risers and restricts on roof mounted equipment. Large sound-proof doors to control street traffic noise were mounted adjacent to historic cast-iron doors without compromising the historic fabric of the building. Acoustic flexibility has been achieved through the introduction of moveable wall treatments designed to seamlessly integrate with the colored brick interior.

ACOUSTIC DIMENSIONS