



**FLAGSHIP RESTAURANT**

# 11 TIMES SQUARE RESTAURANT

New 26,000-SF theme restaurant occupies two floors of building in the heart of New York City's Times Square. Seating 800 diners, acoustic consulting addressed activity noise control / room acoustics and sound separations between food production and patron areas. Restaurant interiors feature bar seating areas, open kitchens, mezzanine level and interconnection with spiral stair case. In addition to advising on interior treatments to accommodate suitable room acoustics, expertise was directed to noise and vibration control for building HVAC systems, kitchen ventilation systems and three elevators.

The interior design was specifically designed to align with the dynamic setting of New York City's Time's Square while offering a pleasant respite from the urban hustle bustle.

**CLIENT**

Global Foods International Corporation

**LOCATION**

New York, NY

**PROJECT TYPE**

Interior Fit Out

**COMPLETE**

2013

**SQUARE FOOTAGE**

26,000

**ARCHITECT**

HLW Architects

**SCOPE**

Acoustics



Scott Frederick / Guinness Studio

## MUSIC AND MASS COMMUNICATION

# MORGANTOWN

New performing arts center serves music-rich academic program of institution less than an hour from Music City Nashville. The facility's main component is a 600-seat concert theatre used primarily for music presentations. The concert theatre features rotating concert towers, flown concert ceiling elements and a full complement of rigging in the stage area to accommodate staged productions. The theatre also has an orchestra pit with a mechanized lift that can serve as a stage extension, be lowered to audience level for additional seating, or lowered further to create a conventional orchestra pit.

The Center also houses two dedicated large music rehearsal rooms for orchestra and choir, along with a full complement of music teaching studios and smaller music practice rooms. Room-in-room construction was utilized to allow simultaneous use of these rooms that were both horizontally and vertically aligned within the building. David Kahn was responsible for the acoustics design for this project while with a previous employer. He was engaged while at AD to supervise reconstruction as a result of defaults in the as-built construction and to oversee reconstruction after a tornado damaged the music school.

### CLIENT

Morgantown Events Center

### LOCATION

Morgantown, WV

### PROJECT TYPE

New Construction

### COMPLETE

2010

### COST

\$26 M

### SEAT COUNT

100

### ARCHITECT

Paradigm Architecture

### CONTACT

Jonathan Perry  
Paradigm Architecture  
205.403.2742

### SCOPE

Acoustics  
Audio  
Video



## LEARNING ENVIRONMENTS

# CONNELLSVILLE AREA SENIOR HIGH SCHOOL

253,000-SF renovation combined with 65,000-SF addition for facility serving grades 10-12 expanded its capacity to serve 9<sup>th</sup> graders and meet energy efficiency goals compliant with LEED gold standards. Work included a complete replacement of all mechanical, electrical and plumbing systems and combined with new interior finishes and windows achieved vibrant modernized learning spaces for a student population of 1,450 with accommodations for future growth.

To meet design goals centered on energy efficiency and occupant comfort, an integrated design approach kicked off with meeting with teachers, administrators and architects. AD was part of these discussions and provided an acoustic study to assess performance of existing spaces. This led to recommendations which identified opportunities for improving sound isolation for classrooms, meeting challenges associated with space reverberance in daylighting existing interior classrooms and finish strategies for both classrooms and open teaching areas for large group instruction. AD provided a comprehensive review of design drawings to verify the integration of appropriate details for partitions and room finishes in concert with mechanical/electrical design details of new energy efficient systems. This assured that systems met background noise levels requirements for instructional purposes and compliance for LEED Gold standards.

### CLIENT

Connellsville Area Senior High School

### LOCATION

Connellsville, PA

### PROJECT TYPE

Addition / Renovation

### COMPLETE

2015

### COST

\$48 M

### ARCHITECT

Crabtree, Rohrbaugh & Associates

### CONTACT

R. Jeffrey Straub  
Crabtree, Rohrbaugh & Associates  
717.458.0272

### SCOPE

Acoustics  
Audio  
Video

### LEED

Gold

### HONORS

USGBC Central PA  
LEED Project of the Year  
2015



## LEARNING ENVIRONMENTS

# LEMAN MANHATTAN PREPARATORY SCHOOL

183,000-SF teaching facility accommodates 960 students grades 5-12 in a mixed-use building in Manhattan. Occupying 19th through 22nd floors, basement and roof of building, the facility includes classrooms, specialty spaces (e.g. music rooms, computer labs, library, cafeteria, etc.) and administrative space for 200 staff (including faculty rooms, counseling areas, admissions offices, etc.). Acoustically sensitive spaces included theatre, small ensemble room, orchestra / choral / band rehearsal room, music recording studio, practice rooms, art rooms and athletic facilities. AD provided design input on elements including:

- Wall, floor and ceiling constructions and finishes required for appropriate sound isolation and room acoustics
- General guidelines for control of noise and vibration from mechanical and electrical systems
- Compliance with NYC environmental noise code requirements
- Cost information for some specifically acoustics-related item

In addition to clarifying the acoustic aspects of the building program, this information helps the development of more accurate cost estimates.

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### CLIENT

Claremont Preparatory School / Meritas

### LOCATION

New York, NY

### PROJECT TYPE

Renovation / Interior Fit-out

### COMPLETE

2010

### ARCHITECT

HLW International

### CONTACT

Jennifer Brayer  
HLW  
202.353.4867

### SCOPE

Acoustics