
Historical Renovation Projects

Asian Art Museum

HOK

San Francisco, CA

This 140,000 square foot historical building encompasses the acoustic design (room acoustics, sound isolation, and HVAC noise control), developing audiovisual systems for the Gallery, Educational/Classroom and Conference Rooms, and audio/paging system designs for the guest and retail areas. Due to its historical designation (built in 1917) acoustical recommendations will need to be coordinated so as not to disturb existing finishes.

Charles Green Library

Michael Willis & Associates

Oakland, CA

Room acoustics, sound isolation, and HVAC noise control for the renovation of this historic library. This 18,000 square foot library was built in 1902, but suffered damage in the 1989 earthquake.

Chief Justice of the Supreme Court

Administrative Office of the Courts

San Francisco, CA

Conducted acoustical measurements in the Chief Justice's office and the office directly below to determine the appropriate window glazing system to reduce the street / traffic noise to an acceptable level. Developed a design build specifications for the custom installation of the window system.

Children's Hospital Research Institute

Dowler-Gruman Architects

Oakland, CA

During the restoration of this historical building, we provided HVAC noise control recommendations for the air handlers, and audio system designs for the Seminar Room and Historical Library.

Embarcadero Lofts, 300 Beale Street

MBH Architects

San Francisco, CA

Sound isolation details and environmental noise control services for a historical building converted into multi-family housing, with retail space on the ground floor.

Forsyth County Government Center, Council Chambers

Ersoy & Associates, P. A.

Winston-Salem, NC

Completed peer review for Forsyth County Government Center in Winton-Salem, NC, a renovated tobacco warehouse. Service included: design review, bid assistances review, submittal review, final testing and commissioning of the Forsyth County Government Center including new council chambers.

Hannah Block Historic USO Building

John Sawyer Architects

Wilmington, NC

Provided acoustical consulting services for the Hannah Block Historic USO Building located in Wilmington, NC. This was a renovation of an historical building in downtown Wilmington, NC (owned by the City of Wilmington) that is used as a Community Arts Center. The primary space in the building is a 72 feet X 47 feet, 3,500 square feet historic "dance hall" now containing a stage and flat floor with 150 seat temporary seating capacity. This facility has multiple uses including theatrical presentations and other community gatherings. Provided room acoustics and mechanical noise and vibration control for the primary theatrical space.

Harris Inc.

O'Brien/Atkins Associates, PA

Durham, NC

Provided design services for the renovation and expansion of an old Budweiser beer distribution facility. Met with owner to determine audiovisual requirements for conference rooms, entrance lobby, and large meeting space. Provided audiovisual program document and potential system bidders and reviewed bids and system installation to make sure it met owner's requirements.

Historic Alameda High School/Temporary City Hall

MBH Architects

Alameda, CA

Provided acoustical recommendations for this 46-unit condo/loft remodel of the historic Safeway headquarters building. Made acoustical measurements for noise control of elevator, trash chute, plumbing, garage door and ventilation systems.

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Long View Center

Long View Center

Raleigh, NC

Conducted a site visit to facility to review issues associated with noise abatement from presentations at Raleigh Moore Square Park. Long View Center is at the site of the historical church, Tabernacle Baptist Church built in 1880. The facility is now used for weddings, concerts, memorial services, meetings, and other similar events.

Madison County Courthouse

Dalglish, Eichman, Gilpin & Paxton, PC

Madison, VA

The Madison County Courthouse is a Jeffersonian courtroom with a unique layout that posed challenges for the audiovisual design team. The jury box is located directly in front of the judge's bench facing into the room, and the witness stands at a podium facing the judge and jury, instead of the traditional placement to the judge's left. The final design solution was a large, fixed wall-mounted projection screen at one side of the room, and a wall-mounted video projector on the opposite wall, providing very good sightlines for judge, jury and counsel tables, and for most observers in the gallery. A 23-foot high ceiling prevented a more typical, ceiling-mounted, recessed motorized projection screen. The renovation is currently taking place and TA looks forward to seeing the finished results.

N.C. A&T State University, Frazier and Dudley Hall

Walter Robbs Callahan Pearce

Greensboro, NC

The primary architectural goal of the overall project was to achieve improved sound isolation between the spaces in Frazier Hall. We also reviewed and provided recommendations associated with room isolation relating to HVAC systems renovations to be conducted during this construction period. We also provided sound isolation recommendations for several rooms in Dudley Hall.

Old Courthouse Museum

Siouxland Heritage Museum

Sioux Falls, SD

Designed loudspeaker placement and subtle room finish details to improve acoustics in a 2,400 square foot historic courtroom and law library with seating for over 300 people. The main goal of the renovation was to improve the acoustics without significantly altering the original appearance of the courtroom.

On Lok Larkin Senior Living

MBH Architects

San Francisco, CA

Analysis of environmental and HVAC noise impacting a 30+ unit senior housing and community center building which overlooks a busy S.F. intersection. The facility includes dental and hospital services for the residents.

PG&E Headquarters

Knutson Project Management

San Francisco, CA

Audiovisual design during the remodel of two main rooms located in an historic terra cotta high-rise. In the Auditorium (with raked seating for 500), a ceiling-mounted projector displays computer graphics and video, supported by a distributed sound system and an ADA hearing assistance system. Control systems include a touch panel on the podium, a wireless A/V panel, and remote lighting control. Inputs for a satellite feed allow the corporate television division to use this facility as a remote site for corporate activities. The second room, a divisible Conference Center (with multiple seating arrangements for 120), has front and rear projection which both utilize a glass presentation wall. A mirror system in the rear projection room compensates for limited space. The sound system uses wireless microphones and split audio for more effective control of speech and program signals. Audio inputs were added for panel discussions and roundtable meetings.

Riverside County Courthouse

Steinberg Architects

Riverside, CA

Provided acoustical consulting and audiovisual system design during the seismic retrofitting of this historic building. Acoustic concerns included echoes and reverberation caused by hard surfaces and the geometrical design of the main rotunda dome. Developed sound isolation details for the jury rooms and mechanical noise and vibration control criteria for the entire facility. The audiovisual systems in the courtrooms have speech reinforcement for all stations within the room; distributed loudspeakers; video and computer projection; an electronic whiteboard; printing of video stills; multiple monitors; and audio/video press feeds.

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The Highland Center

Frazier Associates

Monterey, VA

Provided acoustical and audiovisual consulting services for The Highland Center located in Monterey, VA. This was an historical renovation project of a 1922 school building currently being used as a community center. Provided acoustical engineering and audiovisual systems design for the auditorium of the facility that was converted into a multi-use space including community theater, meeting, dining and many other types of event uses. In addition, provided audiovisual systems design for three conference rooms planned for the facility.

University of North Carolina at Chapel Hill, McColl Building

Calloway, Johnson, Moore & West

Chapel Hill, NC

Renovation of McColl Building in the Graduate Business School at UNC-Chapel Hill to provide utilization of currently unused attic space. Provided mechanical noise and vibration control for the addition of HVAC equipment and the isolation of existing equipment.

USS Lexington-Megascreen Theatre

Ferrell/Brown & Associates

Corpus Christi, TX

Acoustical recommendations for the USS Lexington, a famous WWII aircraft carrier, now a naval aviation museum located at Corpus Christi Beach. This MegaScreen theatre will be the first of its kind to be constructed on board an historic naval vessel. The 200-seat theatre will be equipped with a Mega 8/70, a 35mm and a high resolution projection system. All three presentations will be shown on a 30' x 40' giant screen and viewed from stadium style seating.

Western Carolina University, Coulter Recital Hall Renovation

Isaacs & Horne

Cullowhee, NC

Coulter Recital Hall is a 420-seat auditorium located in the Coulter Building at Western Carolina University. The Recital Hall is used primarily for musical presentations, ranging in scale from individual recitals and chamber music performances to full-size band and orchestra concerts. Recommended placement of acoustical materials in order to increase clarity throughout the hall.