

Corporate Acoustics Office Projects

Bank of America

Tilden Lobnitz Cooper

Ft. Lauderdale, FL

Provided acoustical recommendations for the renovation of three floors of an office building. Services included speech privacy design, room acoustics, sound isolation and mechanical noise control around the building core. Acoustical consulting for Bank of America in Ft. Lauderdale, FL.

Biogen Idec Building 26

O'Brien/Atkins Associates

Research Triangle Park, NC

Provided Room Acoustics, Sound Isolation and Mechanical Noise and Vibration Control for critical areas in the building. Biogen Idec Building 26 is new construction of an approximately 180,000 square foot office building with a two floor wing of service areas and a five floor wing of office areas. The two floors of service areas include dining, meeting, kitchen space, main lobby, main street vending area, fitness center, store, library and storage. The five floors of office space utilize the open office concept, and also include closed offices, conference rooms and support spaces.

Caterpillar Plant

O'Brien/Atkins Associates, PA

Sanford, NC

Provided industrial noise control for testing rooms and sound isolation for the offices located in the mezzanine above the testing rooms for plant noise abatement.

Cisco Building 12, Teknion Wall Systems Evaluation

Edge Office

Research Triangle Park, NC

Provided acoustical services to view installation of Teknion Optos Wall Systems and took sound measurements.

Cisco Building 2

O'Brien/Atkins Associates

Research Triangle Park, NC

Provided a design for Sound Masking (noise generation) for SCIF areas within Building 2, GSU Service Areas.

Cisco Systems Executive Briefing Center

HOK

San Francisco, CA

Developed an acoustical design which influenced the overall performance of the facility, including wall and partitions and door and gasketing details.

Cisco Systems, Day Care Center

Interior Architects, Inc.

San Jose, CA

Provided acoustical consulting services for the design and detailing of the specialty rooms such as classrooms, kitchen, café, fitness room, and medical rooms for the Cisco Day Care Center.

Cisco Systems, Fitness Center

Interior Architects, Inc.

San Jose, CA

Provided acoustical consulting services for the design and detailing of the specialty rooms such as classrooms, kitchen, café, fitness room, and medical rooms for the Cisco Fitness Center.

Cisco Systems, Wellness Center

Interior Architects, Inc.

San Jose, CA

Provided acoustical consulting services for the design and detailing of the specialty rooms such as classrooms, kitchen, café, fitness room, and medical rooms for the Cisco Wellness Center.

CKE Office Building

DMJMdesign

Anaheim, CA

Provided acoustical consulting services for the CKE Office Building located in Anaheim, CA. Provided recommendations for duct sound traps or other sound reduction devices in the primary ductwork systems, the noise and vibration isolation of roof-mounted equipment, exterior glazing, and sound isolation of elevator and toilet room spaces within the building core.



Corporate Acoustics Office Projects

Credit Suisse RTP Center for Excellence, Building 1

O'Brien/Atkins Associates

Research Triangle Park, NC

Provided Acoustical Consulting services for the Credit Suisse RTP Center of Excellence, Building 1 to be located in Research Triangle Park, NC. This was new construction of an office building. TA provided recommendations for mechanical noise to meet project criteria.

Department of Health and Human Services

O'Brien/Atkins Associates

Durham, NC

Provided acoustical and audiovisual consulting for a new building to be occupied by both the North Carolina State Laboratory for Public Health (NCLPH) and the Office of the Chief Medical Examiner (OCME). The building included several classrooms, labs, conference rooms, a reference library and a toxicology conference room. Acoustical consulting included Room Acoustics, Sound Isolation and Mechanical Noise and Vibration Control. Audiovisual services included several distance learning and observation feeds connecting the different rooms, expanding the rooms' functionalities and purposes.

Dollar Tree Headquarters

Baskervill

Chesapeake, VA

Provided acoustical and audiovisual consulting services for the Dollar Tree Headquarters expansion located in Chesapeake, VA. In the area of acoustical consulting, TA provided a preliminary review of the architectural needs for room acoustics and mechanical noise and vibration control for the two rooms including establishing acoustical criteria. Provided preliminary input for audiovisual consulting to the architectural needs of the auditorium and training room(s) including relevant issues such as rear vs. front projection, room sizing, tier rake, speaker placement, equipment space needs, etc.

Duke Energy Tryon Tower

Gensler

Charlotte, NC

Acoustical, Sound Masking and Audiovisual Design services for Duke Energy located in Charlotte, North Carolina. Acoustics included an overall review of architectural assumptions made for Room Acoustics, Sound Isolation, and Mechanical Noise and Vibration Control. Sound Masking Design included classifying spaces appropriate for sound masking on Typical Floors, one Legal Floor and one Multi-Use Floor only, and provide detailed design and commissioning services for appropriate systems. Audiovisual Design included seventeen Typical Floors, one Legal Floor, one Multi-Use Floor and the Executive Office Floors.

Durant Compressor Room Acoustical Study

Signature Properties

Pleasanton, CA

Provided acoustical recommendations for the noise transfer between the Compressor Room and the Community Office located above.

Eaton Corporation Executive Briefing Center

Bellweather Design

Moon Township, PA

Provided Room Acoustics and Sound Isolation for the Executive Briefing Center where customers, partners and industry leaders can engage and collaborate with Eaton on the latest electrical solutions. The 120,000 square foot expansion of Eaton Corporation's headquarters near Pittsburgh, PA included offices, product development laboratories, testing and training facilities.

Green Square

O'Brien/Atkins Associates

Raleigh, NC

Provided Room Acoustics, Sound Isolation and Mechanical Noise and Vibration Consulting Services for the project. Designed the audiovisual systems, paging systems and sound masking systems as well as the radio and television studios for the facility.

Green Square is a 172,000 square foot office building for the Department of Environment and Natural Resources, a 79,400 square foot Nature Research Center and a connecting Skywalk to the Museum of Natural Sciences and Bicentennial Mall in downtown Raleigh, N.C.

GSA Federal Building

SmithGroup, Inc.

San Francisco, CA

Provided designs and solutions for room acoustics, speech privacy, mechanical noise, and sound isolation in a LEED certified building. One of the driving elements of the design of the new San Francisco GSA Building is providing natural ventilation to the tower section. This design creates many acoustical challenges for the intended open plan offices areas, as well as other areas.

Corporate Acoustics Office Projects

Hewlett Packard Building 47 Chiller Noise

Hewlett Packard

Palo Alto, CA

Neighbor across the street from Bldg 47 complained about nighttime mechanical noise. TA provided near field and lot line spot measurements to document noise levels from two rooftop mechanical areas. TA provided a written report documenting findings and recommendations on reducing noise.

Hewlett Packard Building Renovations

Gensler

Cupertino, CA

Provided acoustical and audiovisual design services for the modification and upgrade of existing buildings at the Cupertino North Campus for Hewlett-Packard.

Hewlett Packard Cupertino, B46 Upper Floor, Interior Renovation

Hewlett-Packard

Cupertino, CA

Provided acoustical and audiovisual knowledge for a sound masking and paging project on the upper level of Building 46. Eight conference rooms also needed audiovisual systems.

Hewlett Packard, Fitness Center

Dowler-Gruman Architects

Palo Alto, CA

Provided sound isolation recommendations to control the fitness activities and amplified sounds from impacting the adjacent conference center. The audiovisual system consisted of three audio zones, local video monitors fed from the HP campus cable feed, paging inputs from the building's PA system, and locally addressed volume control for each loudspeaker space.

Microsoft Westfield Center - 8th Floor

Interior Architects, Inc.

San Francisco, CA

Acoustical review of the buildings 8th floor. Observations & measurements were conducted during site visit. Give an analysis & provide recommendations addressing the core-and-shell mechanical noise for the private/open offices, storage room, elevator machine room, and the pump room/elevator shaft & training room.

Mulkey Engineering Transportation Design Area

Mulkey Engineering

Cary, NC

Provided acoustical consulting services on the Transportation Design Area of the Mulkey Engineering offices located in Cary, NC.

NC National Guard Joint Forces Headquarters Building

O'Brien/Atkins Associates

Raleigh, NC

Provided acoustical and audiovisual consulting services for the North Carolina National Guard Joint Forces Headquarters Building and North Carolina State Emergency Operations Center to be located in Raleigh, NC. The National Guard Joint Forces Headquarters Building is to be approximately 190,000 square feet and the NC State EOC will be approximately 40,000-48,000 square feet. For acoustical consulting services, TA provided primarily room acoustics for the designated spaces as well as a single peer review of the 65% construction documents drawings for mechanical noise and vibration control and sound isolation. For audiovisual consulting services, TA provided design services as needed for audio, video and control systems designs for the designated spaces.

Nissan North America, Corporate Headquarters

Gresham, Smith & Partners

Franklin, TN

Provided acoustical and audiovisual consulting services for the Nissan North America, Cool Springs Corporate Headquarters Building to be located in Franklin, TN. The project was new construction of an approximately 450,000 square feet high-rise corporate office space for Nissan North America. The building is ten-stories above ground with one underground level.

Quintiles Board and Conference Rooms

Quintiles Transnational Corporation

Durham, NC

Thorburn Associates took measurements regarding restroom noise in several conference rooms in the new Quintiles Headquarters Building located in Durham, NC. TA made recommendations to meet sound isolation acoutical requirements.

Corporate Acoustics Office Projects

Quintiles Headquarters Building

Gensler

Durham, NC

Provided Acoustical and Audiovisual consulting services for the up-fit design of a new construction for the Quintiles Headquarters Building in Durham, NC. The building is approximately 252,000 square feet and will have 10 floors. In the area of Acoustical Consulting TA provided Room Acoustics, Sound Isolation and Mechanical Noise and Vibration Control services. In the area of Audiovisual Consulting, we provided a sound masking systems design of the appropriate areas of the building.

RDU Airport Operation Center

O'Brien/Atkins Associates

Raleigh-Durham, NC

Acoustical consulting for the Raleigh-Durham Airport Operation Center in Raleigh-Durham, NC. Provided acoustical services for a four story 35,000 square feet facility. Conducted site measurement to determine the acoustical environment and made recommendations for the exterior building shell in order to control noise levels to meet industry standards for airport/industrial office spaces.

SAP Technology Inc., Cafeteria

SAP Technology Inc.

Palo Alto, CA

Provide acoustical consulting services for the SAP Technology Inc. cafeteria.

SAS Executive Briefing Center

Davis Kane Architects

Cary, NC

Provided Acoustical and Technology Consulting services for the 300,000 square foot SAS Executive Briefing Center in Cary, N.C. The Briefing Center includes two large auditoriums, an Atrium/Briefing Area, a gallery, breakout rooms and briefing rooms. TA provided room acoustics, sound isolation and mechanical system noise and vibration control consulting services for the Briefing Center. The technology design includes a digital signage system, videoconferencing capabilities for the briefing and breakout rooms, and a future telepresence option.

St. Anthony Foundation 150 Golden Gate

Hardison Komatsu Ivelich & Tucker
Architecture

San Francisco, CA

Provided acoustical consulting services, including room acoustics, sound isolation and mechanical noise control. The project was an infill project located at 150 Golden Gate Avenue in San Francisco, CA. It is a 5-story building with a basement. The ground floor is kitchen and dining and the remaining floors are clinics and office spaces.

SUGEN

DES Architects + Engineers

South San Francisco, CA

Provided acoustical consulting for sound isolation and mechanical noise/vibration control as well as the design of audiovisual systems for the cafeteria, boardroom, and conference rooms. Key components include portable cameras, speech reinforcement for the presenter, video playback, videoconferencing, and computer graphics displays.

Located in South San Francisco, CA, this Biotech Laboratory Facility includes laboratory and support areas, and all building systems in 68,000 sf. The design team incorporated materials into the interior design that include wall insulation made from recycled natural fibers, particleboard substrates made from straw, and renewable materials such as linoleum flooring.

As part of its LEED Gold certification, the design team incorporated 3 additional elements as new ways of incorporating environmental consciousness into building design: First, this building incorporates a LEED-CI display to promote education about sustainable building practices. Second, although the standard LEED credit did not include lab casework at the time of construction, this building has lab casework made from 100% FSC certified wood. As a third measure the building also has an HVAC system with an estimated energy savings of 46% above code requirements! The energy efficiency helps to reduce the self-generated noise of the system.



Corporate Acoustics Office Projects

Triangle Life Sciences

O'Brien/Atkins Associates

Research Triangle Park, NC

Provided services including room acoustics, sound isolation, mechanical noise and vibration control for the 10,000 square feet of office space in the newly renovated 20,000 square feet building were provided in Phase 1. Acoustical and audiovisual consulting for the 15,000 square feet Command Center of which half will be the Network Operating Center and the other half will be the Sensitive Compartment Information Facility (SCIF) and for the 2,500 square feet Engineering Command Center. This was new construction/renovation of a very large abandoned EPA laboratory site. It is a privately run data center contracted to the federal government, Office of Homeland Security by Computer Sciences Corporation.