

<b>Tandem – Building 208</b> The Steinberg Group	Design of a sound masking system and recommendations for acoustic wall finishes for 6,000 square feet of open plan office space. When later remodeling turned a number of classrooms and laboratories into open-plan and private offices, additional recommendations were given for sound isolation between classrooms, offices, open-plan areas, and data center.	<b>Cupertino, CA</b>
<b>Amdahl Building #5</b> Amdahl Corporation	Acoustical consulting for Amdahl Corporation in Sunnyvale, CA. Provided recommendations on how to reduce the computer system generated noise heard in the facility.	<b>Sunnyvale, CA</b>
<b>Wells Fargo Nikko Investment Advisors – Plaza Park Tower</b> STUDIOS Architecture	Acoustical consulting for 31,000 square feet of office space located on two floors of a tower. The area includes conference rooms, a lunch room, training rooms, open plan office areas, and back up data center. Also developed noise control methods for the computer room.	<b>Sacramento, CA</b>
<b>Salomon Borthers – 555 California Street 39<sup>th</sup> Floor</b> Interior Architects, Inc.	Provided sound isolation details for investment banking firm including office partitions; room acoustics in the conference rooms; and noise dampening for the Liebert units serving the Data Center.	<b>San Francisco, CA</b>
<b>Quantum – Headquarter Building 6</b> Barrett Quezada Architecture	Work included the review and recommendations of noise control for the rooftop units, wall selection for sound isolation, and room acoustics within open-plan, private office areas, conference facility, and data center. The new 180,000 square foot facility also includes a fitness center, cafeteria, company store, research and development labs, and a 13,000 square foot lobby.	<b>Milpitas, CA</b>
<b>Metrocomm and Radio 911</b> KGA Architecture	Acoustical recommendations for the Metrocomm and Radio 911 in Las Vegas, NV. Provided recommendations for the selection and location of room finishes to promote natural acoustics, control excess reverberation, and reduce unwanted echoes. Also developed a cubical design that promotes speech privacy between operators as well as decreases the overall background sound level.	<b>Las Vegas, NV</b>
<b>High Tech Network Distribution</b> Carlson Design	Acoustical and Audiovisual Design consulting for High Tech Network Distribution in San Francisco, CA. Provided design criteria as well as general recommendations on ways to control reverberation and promote excellent room acoustics in the lobby, game/vending room, conference room, operator area, data center, and the rack room. Also established the functional requirements as well as the design of the conference room and technology.	<b>San Francisco, CA</b>
<b>Charles Schwab Data Center</b> Carlson Design	Work included the review and recommendations of noise control for the rooftop units, wall selection for sound isolation, and room acoustics within open-plan, private office areas, conference facility, and data center. The facility was Charles Schwab's back up network operations and data center.	<b>Phoenix, AZ</b>



**Monterey Road – Data Center**

**San Jose, CA**

XL Construction Corporation

Acoustical consulting for the Data Center at Opus Site in San Jose, CA. Provide a 24-hour measurement to document the existing noise levels.

**525 Market 30<sup>th</sup> Floor Vibration**

**San Francisco, CA**

Tsao Design Group

Acoustical consulting for the Data Center at Louis Vuitton Moet Hennessy in San Francisco, CA. Provided acoustical recommendations for the HVAC system in the server units on the 30th floor.

**Web-Ex**

**San Jose, CA**

WHL Architects

Acoustical consulting for the Data Center at Web-Ex in San Jose, CA. Provided recommendations to mitigate the noise generated by the installation of a new emergency generator.

**Hewlett-Packard Building 46 EBC CRAC Noise**

**Cupertino, CA**

Rudolph and Sletten Inc.

Acoustical consulting for Hewlett Packard in Cupertino, CA. Provided sound measurements for the Liebert computer room air conditioner (CRAC) serving the computer room/data center adjacent to the Mobile Bazaar in Building 46, Executive Briefing Center. The test was to determine if the noise generated by the Liebert CRAC would transmit into the Mobile Bazaar and affect activities through the glass wall and door.