



## Architect Creates Quiet Recording Space For Universal Music Group

Sound reducing drywall integrated into ZR Acoustics® solution by Delta H Design

### Burbank, California

Universal Music Group (UMG), part of NBC Universal Studios, is the world's leading music company and is comprised of two core businesses: recorded music and music publishing. The company discovers, develops, markets and distributes recorded music through a network of subsidiaries, joint ventures and licensees in 77 countries, representing 98% of the music market. UMG also sells and distributes music video and DVD products, and licenses recordings, encouraging the legal distribution of music online and over cellular, cable and satellite networks.

### Sound Transmission - A Universal Challenge

When UMG decided to create seven new music mastering rooms inside the shell of a commercial building, they chose to work with industry acclaimed Delta H Design, a studio design firm specializing in architectural acoustics, interior design and construction. Delta H Design is known for

**Project:**  
Universal Music Group

**Location:**  
Burbank, California

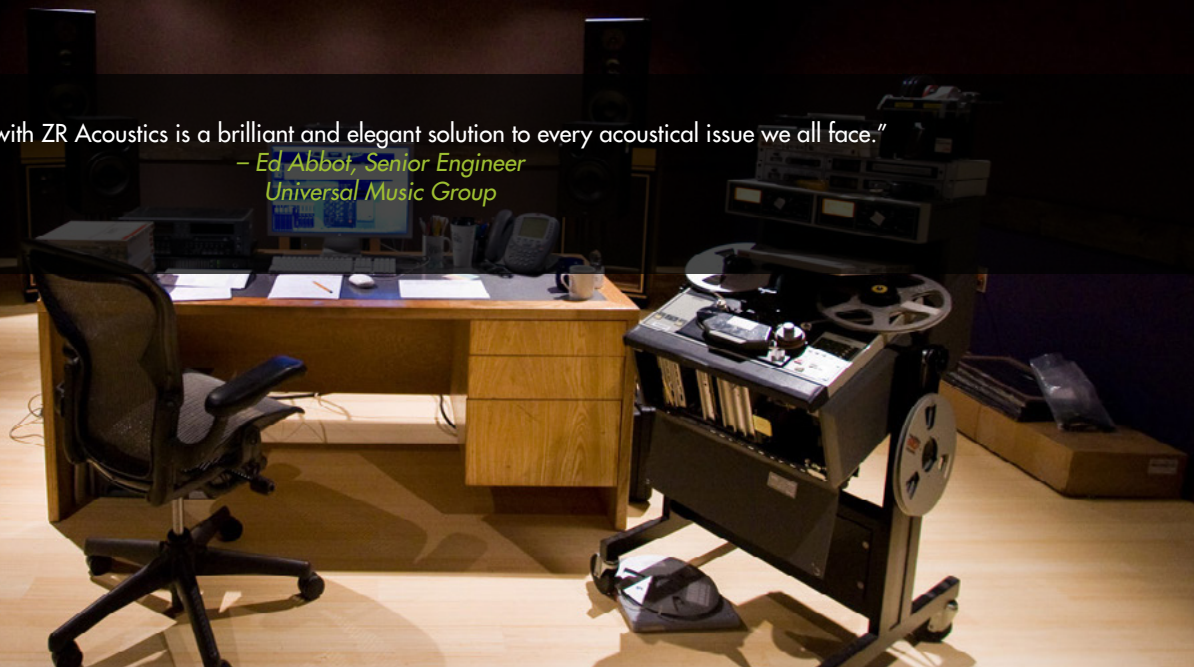
**General Contractor:**  
Boyet Construction, Inc.

**Architect:**  
Delta H Design, Inc.

**Products:**  
QuietRock® 545  
QuietSeal® Pro  
QuietPutty®

"QuietRock with ZR Acoustics is a brilliant and elegant solution to every acoustical issue we all face."

— Ed Abbot, Senior Engineer  
Universal Music Group





"Wow. Brilliant. Magical."  
- Erick Labsen  
Universal Music Group,  
Mastering Division



When hearing the Delta H Design's audio solution, Paul West, vice president of Universal commented, "All I hear is the dispersion pattern of the speakers."



QuietRock has been installed in thousands of projects, including professional recording studios and residences for Ozzy Osbourne, Sheryl Crow, and Snoop Dogg.

the ZR Acoustics® offering, a modus operandi for designing audio production spaces with crystal clear acoustics and world class acoustic signatures utilizing everyday construction materials.

Hanson Hsu, founder of Delta H Design said, "For the world's leading music company one vendor is responsible for the entire project, and Universal's biggest project requirement for their new recording studios can be summed up in one word: perfection."

For Delta H Design, that meant meeting stringent project requirements:

- Excellent sound signature, high acoustical performance and noise isolation values
- Conservation of square footage to create the largest amount of useful space
- Economic value

## The Solution: QuietRock 545 Sound Reducing Drywall

Delta H Design's ZR Acoustics incorporates QuietRock 545 in their unique solution. QuietRock 545 is an 11 layer, internally-damped composite panel designed to achieve high STC performance across a broad frequency range. QuietRock 545's patented design is ideal for sensitive media and privacy environments, including commercial theaters, recording studios and high-end home theaters.

## Benefits: QuietRock with ZR Acoustics

- **Higher STC Ratings** – Using QuietRock in the new design increased the STC rating by 7 points over the previous design.
- **Maximizing Floor-space** – Wall partition thickness decreased from 12"-15" down to 6-1/2" with zero impact to STC performance.
- **Reduced Material & Waste** – Before QuietRock, Delta H Design had to use 2-4 times the material to build out a studio.
- **Cost-Effective** – Using less material results in faster build and inspection times - reducing labor costs and shortening build schedules compared to other methods.

"We offer Universal a guarantee that their studios will be designed and constructed according to their high standards," said Hanson Hsu, founder of Delta H Design. "Acoustics is an unforgiving, exacting science and art form. I don't like to change our materials because it can cost us money, time, and pain, while seriously undermining the quality of our products. The first time we used QuietRock was because a customer requested it. We did our homework, read the reports, looked at samples, and decided to try it. I was impressed by what I heard, or didn't hear in this case, and now UMG is the latest in a long list of projects which we require QuietRock in the design and construction processes."

## About Delta H Design

Delta H Design fuses design and technology for the music, film and television industries. The company focuses on the seamless integration of acoustic space and sound system design, which lies at the heart of every custom audio production space. Delta H Design's history includes sound for: live sound, theater, music recording studios and film + television post-production studios.

## About PABCO Gypsum

A leading manufacturer of wallboard in the U.S. since 1972, PABCO® Gypsum is a division of PABCO® Building Products LLC, one of several subsidiaries that make up the Pacific Coast Building Products family of companies, serving customers coast-to-coast. PABCO® Gypsum's complete range of products incorporates numerous proprietary and/or patented fire, water, and mold resistant technologies. Since 2013, QuietRock®, the first and most technically advanced sound reducing drywall and accessories, is also part of the PABCO® family. PABCO® Gypsum plants in Newark, CA and Las Vegas, NV have combined capability to manufacture over 1.65 billion square feet of board annually. For more information, visit [www.PABCOgypsum.com](http://www.PABCOgypsum.com).

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