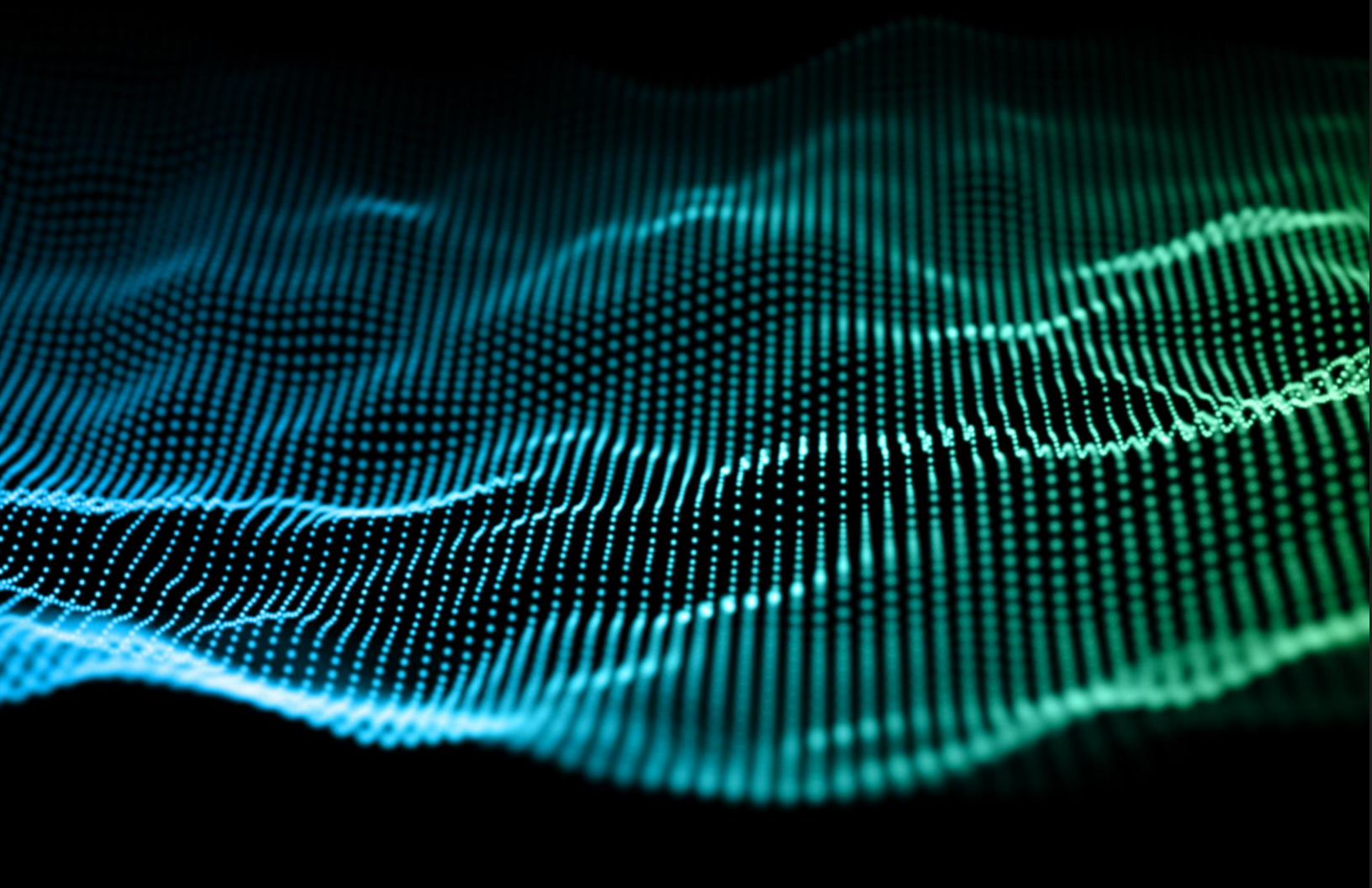


# Whole Home Acoustics



**CINERGY**  
CONSTRUCTION

You can't hear a design. Acoustics are often overlooked in the creation of a space, resulting in unanticipated noise problems after construction. Cinergy and its sound engineering partners layer acoustic design under your visual design, ensuring beautiful performance in real life.



## DETAILED EVALUATION AND EXPERT SOLUTIONS FOR NOISE

Whole home acoustics begins with a comprehensive acoustical evaluation to identify potential noise and reverberation problems throughout the entire structure. We create customized solutions at every level—design, construction, and installation—that integrate seamlessly with the aesthetics of your space.

### • Exterior Sound Isolation

Create a building façade and site design to adequately shield interior spaces from exterior noise sources.

### • Interior Sound Isolation

Identify noise-sensitive adjacencies and spaces for which sound privacy is desired.

### • Floor/Ceiling Assembly Sound Isolation

Establish spaces for which vertical airborne sound isolation is needed.



### • Floor/Ceiling Assembly Impact Noise Control

Design flooring system to minimize impact noise from footfalls.

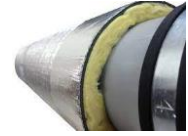


### • Interior Finishes to Minimize Sound Reverberation

Apply specialty finishes and materials to eliminate sound event reverberation.

### • HVAC Noise Control

Design HVAC system to provide appropriate air velocities and to attenuate fan noise propagation.



### • Building Vibration Control

Mitigate structure-borne vibration noise felt and heard from HVAC air handlers, pumps, elevators, washing machines, transformers, exercise equipment, and audio systems.

### • Sound Leakage Paths

Seal sound leakage paths from penetrations in walls, floor, and ceilings.



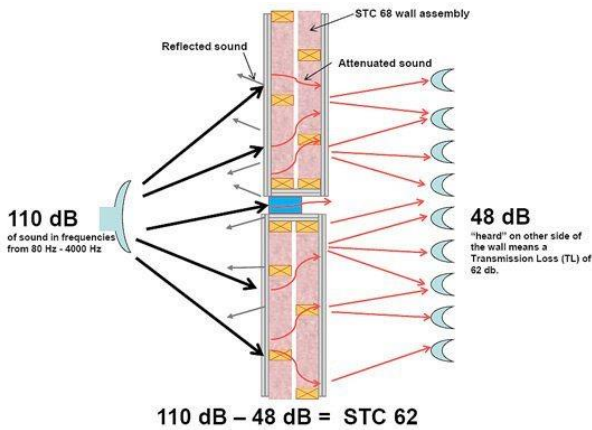
### • Plumbing Noise Control

Design solutions to minimize vibrational noise and airborne noise from supply and waste plumbing pipes, showers, dishwashers, washing machines, and toilets.



### • Site Noise Containment

Apply measures to attenuate nuisance-level sound from outdoor backup electrical generators, HVAC air handlers, chillers, spas, pool equipment, and audio systems.



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## CONTACT US FOR A MEETING OR TO REQUEST A QUOTE

Cinergy Construction is a California-based construction and finishing company serving clients throughout the United States. We are experts in state-of-the-art specialty spaces such as custom theaters, sound studios, safe rooms, and spaces requiring noise control. Cinergy is also a B-licensed general contractor with more than 20 years' experience in large-scale luxury residential remodels and new construction. We can take on any level of work as needed. Our company is known for its custom finishes and meticulous attention to detail. License #1008486