

“Sound transmittal through walls and ceilings was a great concern...”

## Wagner Noel Performing Arts Center

Location: Midland, Texas  
 Builder: Hunt Construction Group  
 Architect: Boora Architects  
 BT PM: Steve Press  
 BT Estimator: Michael Kirk  
 Scope: Acoustical Ceilings, Wood Ceilings, Synthetic Plaster, thermal insulation, drywall, Venetian plaster and Acoustical wall panels.

This UT Permian Basin facility used BIM to its full extent throughout the life of this project. BakerTriangle was able to integrate the many scope items under it’s umbrella.

Many different high-end finishes were utilized, as well as challenging assemblies because of the critical acoustical designs. Sound transmittal through walls and ceilings was a great concern in the design and construction of this building. There are several different types of plaster baffle walls designed to specific acoustical properties to enhance the sound. The walls in the hall were metal stud with multiple offsets and reveals to trap the sound, covered with three and four layers of sheetrock.

