



STATE-OF-THE-ART MUSIC BUILDING

SCHOOL OF MUSIC NEW MUSIC BUILDING

The Texas Christian University School of Music is constructing a new music building. The new building includes a 700-seat concert hall, rehearsal rooms for large ensembles, a large suite of percussion rehearsal rooms, practice rooms, and faculty studios. This project is the first phase of a larger facility that will allow the entire music program to move into the new facility.

AD provided acoustic design criteria including background and intrusive noise levels, room acoustic parameters, room sizes and dimensions, and sound isolation between spaces.

The concert hall will support the TCU Wind Symphony, orchestra, symphonic band, percussion ensembles and jazz ensembles. To provide world class quality acoustics to support this broad range of programming in a room with only 700 seats, AD collaborated with BORA to create a design with similar volume as would be found in a typical 1500 – 2,000 seat concert hall. Furthermore, some of the suspended ceiling elements can be raised to increase the acoustical scale of the sound in the concert hall. Motorized adjustable curtains were incorporated behind visually opaque/acoustically transparent wood grilles to allow quick and easy adjustment of the room's liveness. The mechanical and electrical systems were designed to be silent inside the concert hall.

CLIENT

Texas Christian University

LOCATION

Ft. Worth, TX

PROJECT TYPE

New Construction

COMPLETE

2020

CONSTRUCTION COST

\$35 M

SEAT COUNT

700

ARCHITECT

BORA Architects
Michael Tingley
503.226.1575

CONTACT

BORA Architects
Michael Tingley
503.226.1575

SCOPE

Acoustics

