

projects



bent tree bible fellowship

Client Bent Tree Bible Fellowship

Location Carrollton, Texas

Project Type New Construction

Opening August 2000

Construction Cost: \$4 Million

Architect Lee Dunlap Associates

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AD Scope Audio | Video | Acoustics | Theatrical Lighting

With youth groups meeting in small groups scattered throughout the hallways, Bent Tree Bible Fellowship created a Phase II Educational Building to create much needed educational spaces. The two-story addition to the existing campus has a first floor of adult classrooms with youth facilities located on the second floor. Lounges were a part of the design on both floors to support community. The high sound levels produced during youth worship, would have made it impossible to use the adult classrooms simultaneously.

One of the biggest challenges of the acoustic design was the location of the youth rooms directly above the adult classrooms. To solve this challenge, AD recommended an acoustically isolated ceiling consisting of two layers of gypsum board mounted on isolation hangers. Media stations were designed for each of the classrooms, which include VHS, CD, and audiocassette capability. Each station also has a scan converter, so that a laptop can be plugged in and a PowerPoint or other presentation displayed on the video screen or monitor. The church reused as much of their existing equipment as possible augmenting with new equipment to complete the installation in the youth facility.

ACOUSTIC DIMENSIONS