



Ed Lacasse

**SANCTUARY SPACE**

# SAINT ANDREWS

New 1,600-seat sanctuary design required an approach achieving a traditional aesthetic and accommodation for cutting edge technical capabilities.

As music played a strong role in worship services, there was a desire to have an acoustically reverberant room that was suitable for a pipe organ. Architectural treatments of the rose window and sloped ceiling presented acoustic challenges for sound focusing.

Architecturally, the rose window was an important focal point but acoustically it caused difficulties with the reverberation chamber for the organ. AD developed a solution to enclose the space behind the window so that the reverberation chamber was intact.

As the ceiling must continue the rectangle shape of the room to create acoustical reverberance, acoustic designers coordinated closely with the architectural team to create the illusion of a sloped ceiling by suspending acoustically transparent fabric panels from the actual ceiling.

To accommodate state-of-the-art technology components, AD's acoustic team worked closely with technology system designers to shape the natural environment to allow systems to be camouflaged from view by hiding the speakers behind fabric panels that are designed to blend with the walls.



**CLIENT**

St. Andrews United Methodist Church

**LOCATION**

Plano, TX

**PROJECT TYPE**

New Construction

**COMPLETE**

2003

**COST**

\$22 M

**SEAT COUNT**

1,600

**ARCHITECT**

HKS

**CONTACT**

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**SCOPE**

Acoustics

Audio

Video

Lighting

Auditorium Planning