

# projects



Len Allington

## south dakota state university

**Client:** South Dakota State University

**Location:** New Construction

**Project Type:** New Construction

**Seat Count:** 1000 Concert Hall, 500 Proscenium Theatre, 250 Theatre/Worship Space

**Opening:** 2002

**Cost:** \$8.7M

**Architect:** Sasaki Associates and Koch Hazard Baltzer

**Contact:** Joe Firman | PAC Manager | 605.688.6039

**AD Scope:** Acoustics | Sound Isolation | Noise Control | Concert Hall Room Design

The SDSU Performing Arts Center in Brookings, SD, includes performance and support spaces for the music and theatre departments such as rehearsal spaces, teaching studios and classrooms. The 1,000-seat concert hall built as phase 1, provides a venue with the flexibility to serve as both a small concert hall for recitals and small choruses as well as large and powerful ensembles.

AD developed a unique design based on a simple rectangular box to meet the project budget and program requirements. Inside the rectangular building is another rectangular box that houses the stage and seating area. Because the concert hall is essentially two buildings in one, the acoustics and volume of the hall can be adjusted according to the requirements of its performances. A series of doors couples the volume of the outside box to the volume of the hall. For recitals and chamber music performance, the doors are closed to acoustically scale down the hall. The operable doors at the top of the hall, plus retractable curtains, provide for tremendous flexibility in the room's responsiveness and reverberation characteristics.

**ACOUSTIC DIMENSIONS**