

PROJECT PROFILE: THEATER



PROJECT: FIRST ASSEMBLY of GOD - YOUTH
ACTIVITIES CENTER
Helena, Montana

CLIENT: First Assembly of God Church

To enhance its vibrant youth program, the Church purchased and renovated an old building to create a **new theater** that would primarily be used for drama. Big Sky Acoustics was asked to provide **design recommendations** so that space would be ideal for the spoken words of the drama performances and other presentations.

BSA's SERVICES and SOLUTIONS:

- Determined the **optimum reverberation time goal** that would be needed in the theater to enhance spoken word presentations based on the physical characteristics of the room.
- Evaluated the **material and surface area of several acoustical wall treatment options** that were durable, able to meet the optimum goal, and control unwanted reflections.
- Analyzed the proper angles of the ceiling surface and proper materials to naturally reflect and project people's voices from the stage to the entire audience without the use of a sound system.
- Discussed the benefits and limitations of several ceiling angle and wall treatment options with Church officials and the contractor to determine what would be reasonable and within the project budget.
- **The Church has been very pleased with the theater, and community response has been positive because people can clearly understand the performers' voices throughout the theater.**

