

Big Sky Acoustics



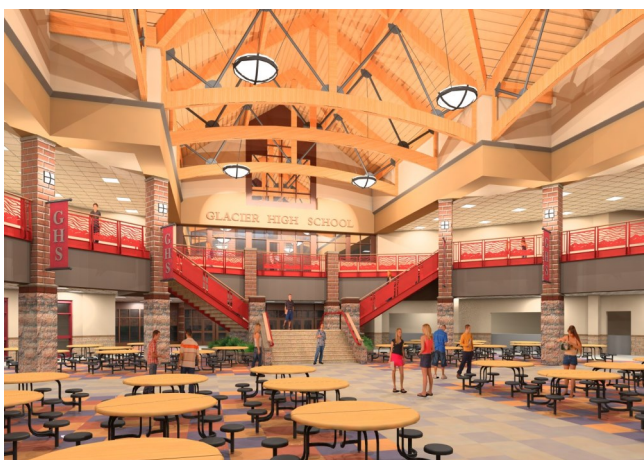
PROJECT: GLACIER HIGH SCHOOL - Kalispell, MT

Glacier High School was designed to encourage collaborative group learning opportunities in a flexible building. The District particularly emphasized the need for Architectural Acoustical Design in the semi-open classrooms, the large open Commons, and in the performance spaces. Big Sky Acoustics (BSA) was selected as an integral part of the Design Team, providing acoustical design to enhance the learning environment by minimizing reverberation, isolating sound, and limiting HVAC noise distractions and disturbances.

SERVICES AND SOLUTIONS:

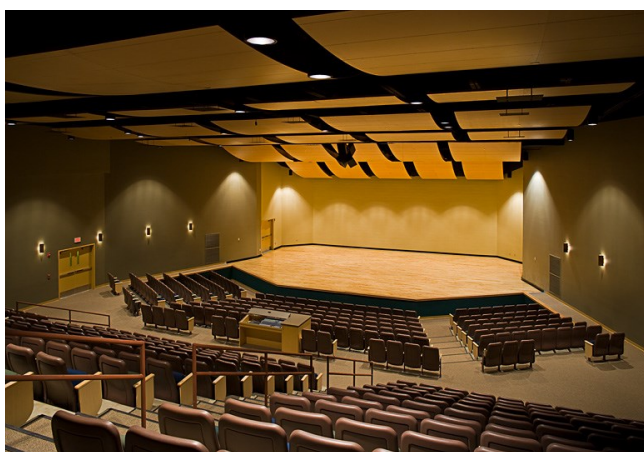
Acoustical design goals:

- Design the new high school per the ANSI Standard S12.60 Acoustical Performance criteria.
- Reduce reverberation to limit overall sound levels, enhance performances, and ensure speech intelligibility in all areas.
- Limit transmission of sound between dissimilar spaces to reduce distractions and enhance privacy.
- Control the sound levels of one of the largest single HVAC systems in western Montana at the time.



Acoustically designed spaces:

- Commons
- 600-seat Performance Hall
- Black Box Theater
- Classrooms and Collaborative Learning Areas
- Music and Choir Rooms
- 2,000-seat Gymnasium
- Library
- Recording Studio



BSA collaborated with the Design Team to ensure that practical, cost-effective and aesthetically pleasing acoustical treatments and noise control measures were incorporated into the design, which exceeded the District's expectations.