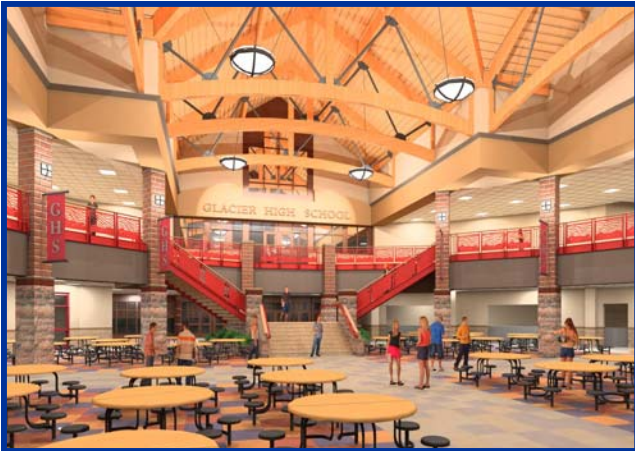


PROJECT PROFILE: HIGH SCHOOL



PROJECT: GLACIER HIGH SCHOOL Kalispell, Montana

When this new 243,000 square foot high school was being planned, the School District wanted to encourage collaborative group learning opportunities in a flexible building. The District was particularly concerned with acoustics in the design of the semi-open classrooms, the large open Commons Area and the performance spaces. Big Sky Acoustics was selected as an integral part of the design team, providing acoustical design services to enhance the experience of students and staff, and to limit noise-related distractions and disturbances.

BSA's SERVICES AND SOLUTIONS:

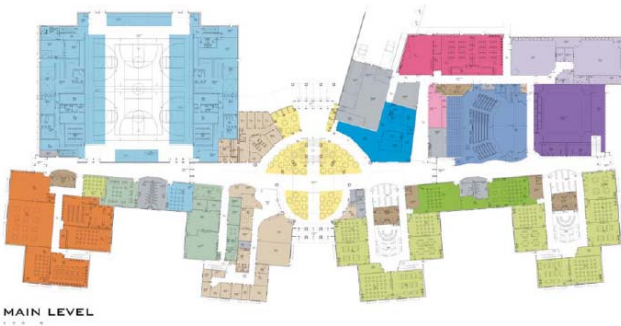
Acoustical design goals:

- Control reverberation inside rooms to limit overall noise levels, enhance performances, and ensure speech intelligibility.
- Limit transmission of sound between rooms to reduce distractions and enhance privacy.
- Control noise levels from one of the largest single HVAC systems in western Montana.

BSA analyzed the following spaces:

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

BSA worked closely with the design team throughout design and construction to ensure that practical, cost-effective and aesthetically pleasing acoustical design and noise control measures were incorporated into the project, and the District's concerns were addressed.



MAIN LEVEL