

PROJECT PROFILE: **BOUTIQUE HOTEL**



PROJECT: ETHA Hotel
Bozeman, Montana

The ETHA Hotel will transform downtown Bozeman by renovating the historic National Guard Armory building into an eight-story boutique hotel. The project includes 102 guest rooms, a 10,000 sf ballroom and restaurant facilities. As part of the multi-disciplinary project team, BSA provided the acoustical consulting services.

BSA's SERVICES AND SOLUTIONS:

- BSA's design controlled reverberation and echoes in the ballroom, restaurants and lobby, in order to control noise levels and enhance speech intelligibility. BSA used computer models to determine the location, type and quantity of acoustical treatments, providing many material options for the architect.
- BSA's sound isolation design recommended floor-ceiling, wall and door constructions to isolate noise between event, guest and spa rooms.

- BSA predicted the noise levels of the mechanical equipment and systems serving the hotel and developed noise control recommendations.

Proper acoustical design will limit noise distractions in the hotel, providing a calm and relaxing environment for the patrons, and enhancing their experience.

