

Big Sky Acoustics

PROJECT PROFILE: BOUTIQUE HOTEL



PROJECT: Armory Hotel
Bozeman, Montana

The Armory Hotel transformed 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, beautiful restaurants and a roof-top pool! As part of the multi-disciplinary team, BSA provided the Acoustical Design Services.

- BSA predicted the sound levels of the hotel's mechanical equipment and developed noise control recommendations for the systems.

The excellent acoustical design limits noise distractions, and provides a calm and relaxing patron experience for the upscale boutique hotel.

BSA's SERVICES AND SOLUTIONS:

- BSA's design controlled reverberation and echoes in the ballroom, restaurants and lobby, to minimize sound levels and enhance speech intelligibility. BSA used computer models to determine the location, type and quantity of the acoustical treatments, and many manufacturer, material, and aesthetic options were provided for the Design Team's consideration.
- BSA's sound isolation design determined the floor-ceiling, wall and door constructions that separates sound between adjacent public, guest, and spa areas.

