Big Sky Acoustics, LLC

Consulting services for noise assessment & acoustical design.

PROJECT PROFILE: DELI EXPANSION

PROJECT: Good Food Store
Missoula, Montana

The Good Food Store has provided Missoula locally-produced, organic and bulk foods for over 40 years. The store renovated the deli and food bar, and built a two-story seating area. Walls of windows, high open ceilings and modern décor created a uniquely urban environment. BSA provided room acoustics design services for the project.

BSA's SERVICES AND SOLUTIONS:

- Using the architectural drawings, developed a computer model of the space to predict the reverberation time and analyze the acoustical characteristics, in order to control echoes and reduce overall noise levels.
- A gypsum board ceiling was installed on the underside of the roof trusses, which is partially exposed behind several suspended wood trellis features in the seating area. BSA specified inconspicuous sound-absorbing treatment for each trellis to control noise.
- To reduce reflecting sound between the north wall and the large exterior south windows, BSA recommended installing acoustical wall panels.
- BSA provided seven different panel types and multiple manufacturer options for the Architect and Interior Designer to consider.

BSA worked closely with the Architect and Interior Designer throughout the project, to collaborate on design and product ideas and provide aesthetic considerations, while balancing the acoustics of the space.

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