

projects



Andrea Rugg Photography

macphail center for music

Client: MacPhail Center for Music

Location: Minneapolis, Minnesota

Seat Count: 200

Opening: 2007

Cost: \$14.6 Million

Owner: MacPhail School of Music

Architect: James Dayton Design, Ltd. | James Dayton | 612.338.0005

Contact: Dr. David O'Fallon | MacPhail School of Music | 612.321.0100

AD Scope: Acoustics | Auditorium Design

Acoustic Dimensions (AD) commenced this project with an interactive process of working with MacPhail to understand their prioritized program goals with respect to acoustics. To facilitate this process, AD went with project team members to listen to other performance and instructional spaces. AD then translated MacPhail's response to the acoustical attributes of these other spaces into quantitative acoustical Design Criteria.

The musician's learning space, required special construction to produce a high-level of sound isolation from adjacent studios; not only to either side, but also from above and below. The performance space is used for a wide variety of music types and the room has been configured to provide flexibility while at the same time enhancing the connection between the audience and the performer. A recess in the floor and a series of moveable platforms allow multiple configurations of performances and seating arrangements that provide good sightlines (and sound lines) from performer to audience. Retractable velour curtains were added to allow adjustment of the room's liveness and reverberation.

ACOUSTIC DIMENSIONS