

BUILT ENVIRONMENT CASE STUDY

Gulfshore Playhouse

Acoustic and AV Innovation for a New Cultural Landmark

VISION

Create a versatile performing arts destination that supports professional theater, education, and community programs while delivering exceptional acoustic performance in a challenging location.

PARTNERSHIP

The project was designed by Arquitectonica with Fisher Dachs Associates serving as theater consultant. Trinity Consultants provided room acoustics, sound isolation, sound and vibration control, and audio and video systems design.

VALUE-ADD

Advanced acoustic and audiovisual solutions that eliminate aircraft noise, enable simultaneous use of multiple spaces, and support evolving performance technologies.

ARCHITECT
Arquitectonica

THEATER CONSULTANT
Fisher Dachs Associates

ACOUSTICS & AV
Trinity Consultants

The new Gulfshore Playhouse is a purpose-built theater and education complex designed to support professional productions, community engagement, and arts education in Naples. Located near Naples Airport, the project required innovative acoustic solutions to ensure performances remain uninterrupted by aircraft noise. Our Jaffe Holden team provided acoustics and audiovisual design that enables the facility to deliver a high-quality experience for performers and audiences while supporting flexible use across multiple spaces.

VISION

Gulfshore Playhouse was designed to provide a dynamic environment for theater productions, educational programs, and community events. The facility includes performance venues, rehearsal spaces, and support areas that can adapt to a wide range of artistic and operational needs. Looking ahead, the playhouse continues to support creative growth and cultural engagement while offering flexible infrastructure that accommodates future advancements in performance technology.

PARTNERSHIP

The project was led by Arquitectonica with Fisher Dachs Associates providing theater consulting services. Jaffe Holden collaborated closely with the design team to develop acoustic and audiovisual strategies that align with the building's performance goals and operational flexibility.

VALUE-ADD

We conducted detailed studies to address aircraft noise from the nearby airport and recommended a specialized noise reducing roof system that effectively eliminates air traffic sound within the theaters. Sound isolation construction was also incorporated between theaters and rehearsal rooms, allowing multiple spaces to operate simultaneously without interference. Each room was acoustically optimized to support both spoken word clarity and musical performance.

A flexible audio system was designed to accommodate a wide range of production styles and future technologies, including object-based mixing, immersive video, and performer tracking. Because the Main Stage does not include a traditional orchestra pit, the team implemented zero latency audio and video connections to a separate room, creating a virtual pit that allows musicians to integrate seamlessly with performances.

Support spaces throughout the facility were designed for maximum adaptability. Dressing rooms and backstage areas can be reassigned between theaters as needed, with integrated systems that adjust audio, video, and paging at the touch of a button. Additional rooms can function as overflow space for large casts, supporting both professional productions and educational programs.

ABOUT TRINITY CONSULTANTS

Trinity Consultants, a leading global environmental consulting firm, provides services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Founded in 1974, Trinity has the technical expertise, industry depth, and capabilities to help clients achieve their goals across the natural and built environments.