THE CENTER FOR THE PERFORMING ARTS

ALOOK THE PALLADIUM

On Saturday, Carmel's Palladium concert hall, the anchor for the Center for the Performing Arts complex, opens to the public. The \$126 million venue seats 1,600 and boasts acoustic refinements throughout the hall.

GRAPHICS AND TEXT BY STEPHEN J. BEARD • THE STAR

NATURAL LIGHT

THE INDIANAPOLIS STAR • INDYSTAR.COM

An oculus roughly 80 feet over the main hall has a built-in sound barrier and shade to block outside sounds and light, if required.



BALCONY

HIGH LOBBY

BALCONY

LOBBY

TERRACE

VENTED SEATS

LOBBY

INTERACTIVE For a virtual tour of the concert hall, visit

THE CENTER

The Center for the Performing Arts, under the direction of president Steven Libman and artistic director Michael Feinstein, houses four performing arts venues, each designed to accommodate the performance needs of seven resident companies and visiting artists:

THE PALLADIUM

Seating: 1,600 Uses: Concert venue for large choral, orchestral and ensemble performances. Opens: Saturday

THE TARKINGTON

Seating: 500 **Uses:** Proscenium theater for live theatrical productions. Includes office space. Opens: August

THE STUDIO THEATER

Seating: 200 **Uses:** Showcase for emerging artists. Includes second-floor office space. Opens: March

AMPHITHEATER

Seating: Open Uses: Outdoor venue for performances by center resident companies. Opens: August

The Palladium 2 8 8 B **The Studio Theater** The Tarkington Parking garage Garage Energy 146th St. The Palladium

City Center Drive

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116th St. 86th St.

DIRECTIONS

From the south and east

From I-465 take Keystone Avenue (Exit 33) north to 116th Street. Drive west to Range Line Road. Drive north to City Center Drive/126th Street. Go one block west on City Center Drive and turn left on 3rd

From the south and west

From I-465 take Meridian Street (Exit 31) north to 116th Street. Drive east to Range Line Road. Drive north to City Center Drive/126th Street. Go one block west on City Center Drive and turn left on 3rd

From the north

From U.S. 31, turn left on Range Line Road and drive south to City Center Drive/126th Street. Drive west on City Center Drive and turn left on 3rd Avenue.

PARKING

Motorists can access the 600-space parking garage on 3rd Avenue, south of the Palladium. The city has not made a decision on parking fees for the garage.

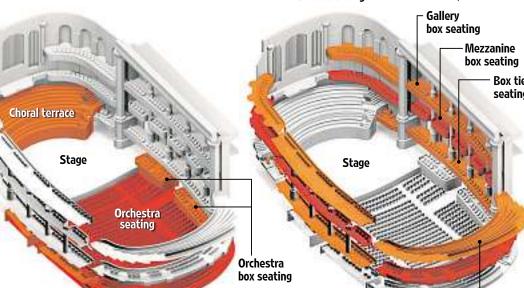
PRICE TAG

The Palladium

The Center for the Performing Arts complex cost \$174.7 million, with roughly 72 percent going toward the Palladium construction costs. Portions of the costs also go toward the City Center. A breakdown of

\$126.2 million

The Fulldaram	φ 12012 1111111011
Center Green, roadway and streetscape	\$2.6 million
Tarkington Theater	\$13.5 million
Studio Theater	\$3 million
Amphitheater	\$150,000
Energy center	\$7.7 million
Parking and stormwater retention	\$10.5 million
Theater rehearsal and offices	\$500,000
Project management and development fees	\$990,000
Office building	\$9.7 million



The Palladium's design architect, David M. Schwarz of Washington, D.C., drew inspiration for the hall's classical design from Andrea Palladio's 1591 Villa Rotunda (below) in Vicenza, Italy. Indiana-based CSO Schenkel Schultz was the architect of record, and Indianapolis-based Shiel Sexton oversaw the construction.



THE DESIGN

BACKSTAGE

The backstage area includes three dressing rooms for performers with private showers. It also includes a green room, a quest conductor's space and an artist's reception room.



The Palladium's roof is made of 1-foot-thick precast concrete. The roof's exterior is layered with clay tile.

EXTERIOR The building's exterior is clad with

roughly 15,000 pieces of Indiana limestone.

EVENTS

The donor amenities room above the west lobby is one of eight areas in the building that can be reserved for private receptions. Other areas include lobbies, terraces and the Robert Adam Room that overlooks the Monon Trail.

THE PALLADIUM'S **ACOUSTICS**

Many acoustic pieces in the hall work together to control the sound created on stage and keep outside sound to a minimum. Some features are apparent, while other pieces — ventilated seating, plaster molding — are more subtle.

KEEPING NOISE OUT

Soundproof anterooms filter out noise from the lobby during a performance. Each anteroom is made of foot-thick concrete walls that are padded with 2-inch-thick sound board. Patrons can use the anterooms for catering and storing coats and other items.

ANTEROOM Carpeting in the outer hall and the

Brazilian cherry hardwood flooring throughout the

hall was chosen for its resonant properties.

Sources: Center for the Performing Arts; City of Carmel; CSO Architects; Shiel Sexton; Artec Consultants

anterooms deadens external noises.

All doors leading into the main hall are $2^{1}/_{2}$ inches thick.

OX OFFICE

DONOR AMENITIES

ROOM

Velour curtains can be deployed to absorb sound or tucked away for quieter performances. There will be no fixed curtains or carpeting.

Gently curving walls

handcrafted plaster

richer sound.

surfaces that create a

lined with 2½-inch-thick

Floor-level seating

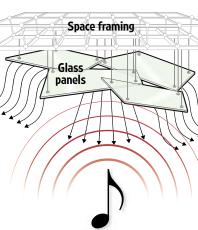
SIZE

shown for scale.

provide multiple reflective Average IndyGo bus

THE CANOPY

A 63-foot-wide set of acoustic canopies — the centerpiece of the hall's acoustics — is made up of four steel trusses and more than 60 glass panels. At roughly three feet per minute, a winch motor system can raise and lower the 46-ton canopies from 34 to 60 feet above the stage and the first six rows of seating.



Tempered glass panels vary in thickness from $\frac{5}{8}$ -inch to $\frac{11}{2}$ inches. The fixed panels are angled slightly in different directions to redirect sound throughout the hall.

A heating and cooling "energy center," located 700

feet south of the Palladium, eliminates mechanical

sounds. Each chair covers a low-pressure vent that

allows air to drift slowly into the hall. Cushions are

made of dense foam and mohair fabric to ensure

they will not absorb too much sound.

SEATING AREAS

SOUTH ENTRANCE

The Palladium seats 1,600, with roughly half of the seats located on the main floor. The rest are on three upper levels and a choral terrace behind the stage. Individual seat prices vary by performance and section.

SOUTH

TERRACE

