

Acoustic Consultant:

Nagata Acoustics (performance space room acoustics)
Newson Brown Acoustics, LLC

Architect:

Frank O. Gehry (Gehry Partners, LLP)
Chait and Company, Inc.

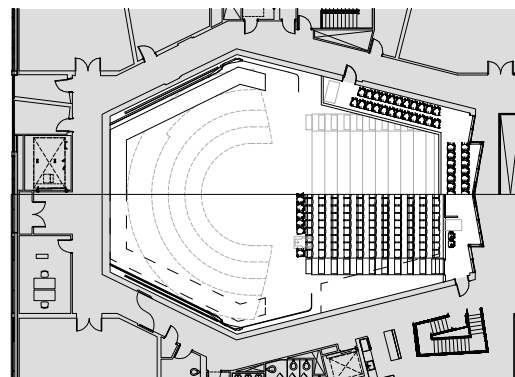
Owner/User:

Los Angeles Philharmonic (Youth Orchestra Los Angeles)

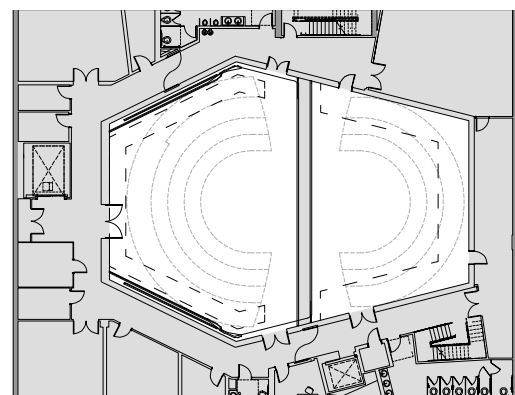
Inspired by the success of El Sistema, Gustavo Dudamel has championed the growth of the Youth Orchestra Los Angeles (YOLA). Gehry Partners was challenged to create a welcoming space for these students to perform, rehearse, and learn within a remarkably tight budget. Formerly a bank, then a fast-food joint, the Beckmen YOLA Center is situated directly adjacent to Inglewood City Hall. Nagata Acoustics provided room acoustical consulting services specifically for the flexible performance space.

The Edgerton Foundation Performance Hall features two main use configurations. In the concert mode, audience is seated on retractable risers which seat 200 and lead up to the control position at grade, with a small balcony of 72 loose seats above. With a truly dramatic re-configuration to rehearsal mode, the retractable seats are stored and an enormous double partition on rails are deployed to split the space in two for two orchestras to rehearse side-by-side. When not in use, the partition segments hang flush with the upstage walls behind a floating plywood acoustical reflector.

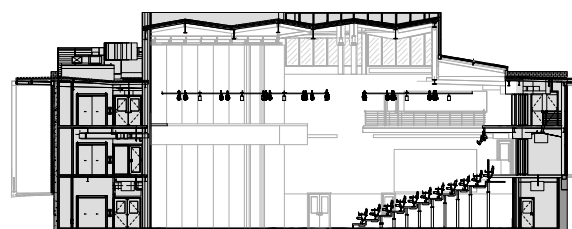
Since the historic facade was too short to properly house a concert hall, the stage level was placed at a newly dug lower level. A clerestory was added over the stage, allowing for an interior clear height of 14.2m. Windows at the mezzanine, balcony, and clerestory levels let in plenty of natural light into the already bright white and warm toned space. The hall itself is hexagonal, with supporting practice rooms, classroom, and support spaces filling in the rest of the rectangular footprint. Construction ran from Spring 2019 to Spring 2021. The center opened on October 16, 2021.



BUILDING PLANS - CONCERT MODE



SPLIT REHEARSAL MODE

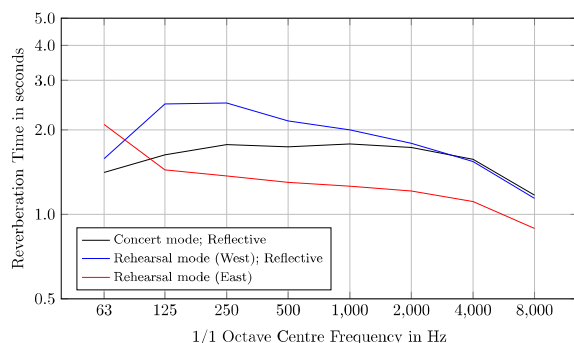


LONGITUDINAL SECTION - CONCERT MODE

BUILDING DETAILS AND ACOUSTICAL DATA

Location:	101 S La Brea Ave Inglewood, California, USA
Seating Capacity:	272
Room Volume:	5,380 m ³ (1,940 m ³ + 3,440 m ³)
Reverberation Time:	(500 Hz Octave Band, Concert Mode)
Unoccupied:	1.7 seconds
Occupied:	1.6 seconds
Finish Materials:	
Ceiling:	Concrete on exposed steel decking
Walls:	Glazing, Gypsum Board
Floor:	Oak

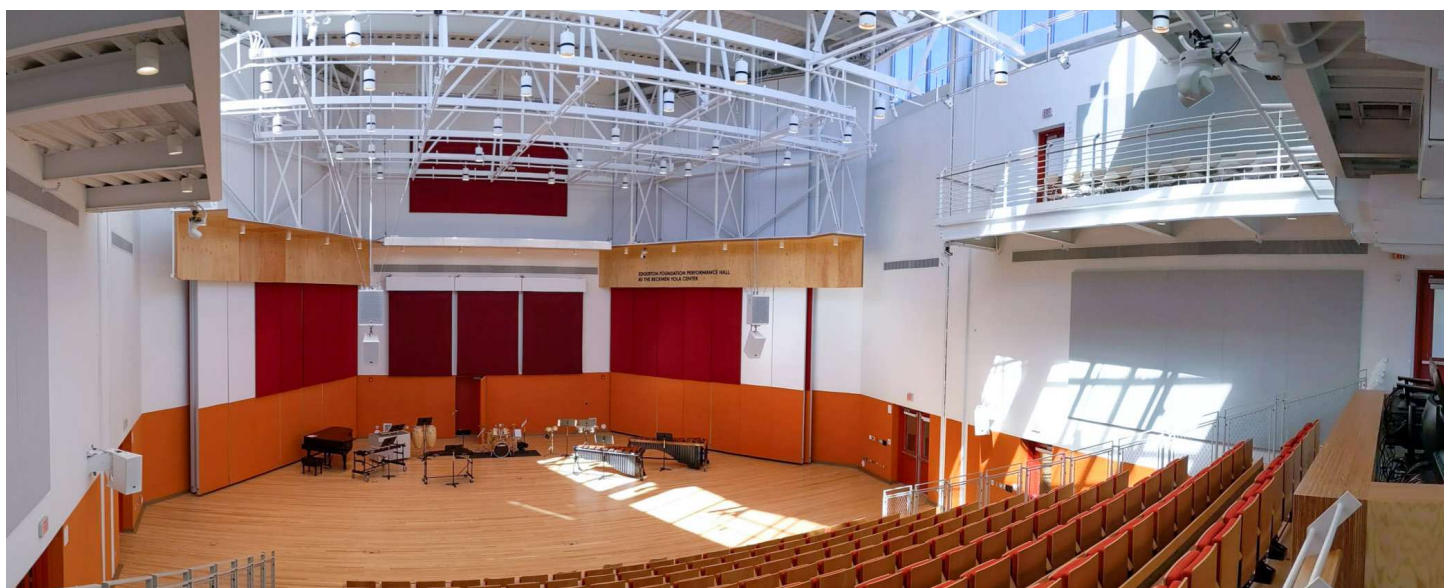
REVERBERATION TIME



JUDITH AND THOMAS L. BECKMEN YOLA CENTER

INGLEWOOD, CALIFORNIA
2021

NAGATA
ACOUSTICS



Clockwise from Top

- View from audience of combined space
- Rear wall, risers, and clerestory
- East split rehearsal room
- West split rehearsal room
- Balcony level

