

Acoustic Consultant:

Nagata Acoustics

Architect:

Tongji Architectural Design

User:

Shanghai Philharmonic Orchestra

Located north of the central business district, the Baoshan district of Shanghai sits at the mouth of the Yangtze. As part of coastal redevelopment, a 1,037-seat concert hall was built in addition to a museum, hotel, observation tower, and office and retail space. The concert hall is designed to provide cultural facilities for anticipated growth in orchestral music throughout the area.

The interior of the hall reflects the exterior motif of tessellating triangles at several scales. The walls and ceiling are constructed from precast glass-fiber reinforced gypsum with a crystalline triangle relief pattern. Acoustically transparent balcony fronts also feature the triangle motif with cut outs for sound energy to pass through.

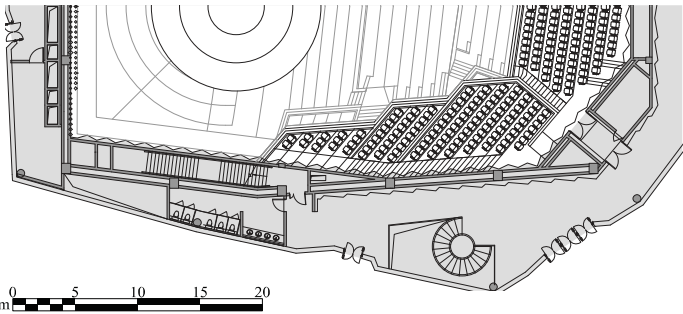
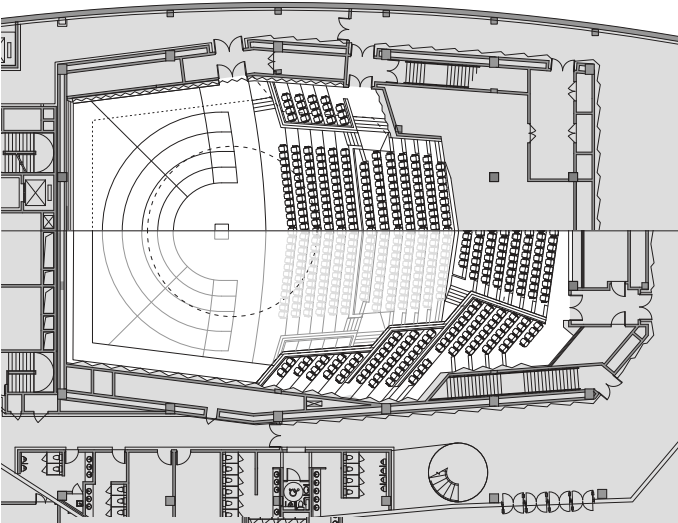
Several layers of wooden pickets made to mimic organ pipes provide a focal point around the stage.

The hall was inaugurated by the Shanghai Symphony Orchestra in September 2024, and the Shanghai Philharmonic will become the resident orchestra.

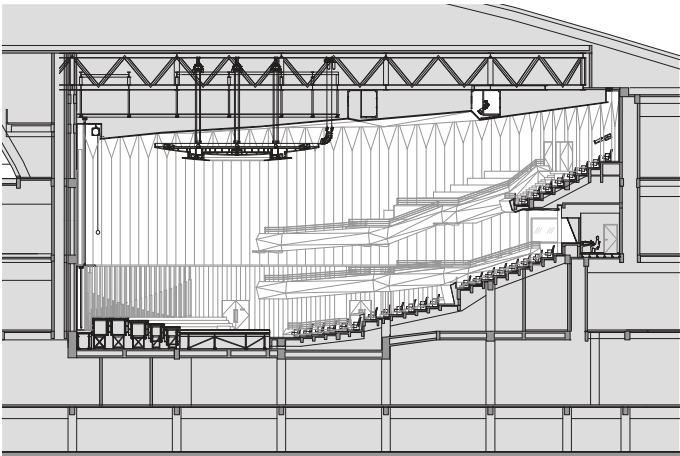
BUILDING DETAILS AND ACOUSTICAL DATA

Location	180 Yunhai Road Baoshan, Shanghai, China
Seating Capacity:	1,037
Room Volume:	13,300 m³
Reverberation Time (500Hz Octave Band):	
Unoccupied:	2.2 seconds
Occupied:	1.9 seconds
Finish Materials:	
Ceiling:	GFRG
Walls:	GFRG
Balcony Fronts:	Perforated GFRG
Stage Floor:	Radiata Pine

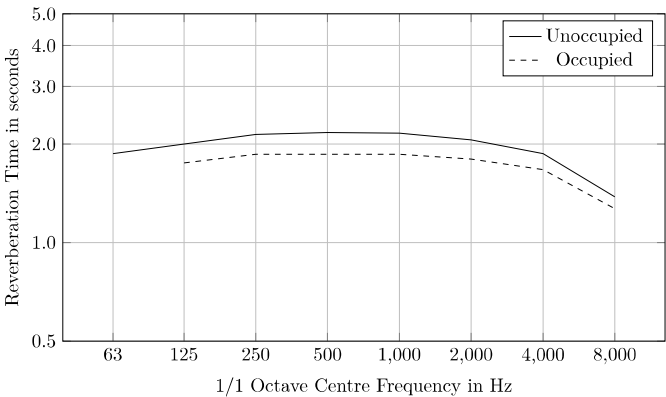
BUILDING PLANS



LONGITUDINAL SECTION



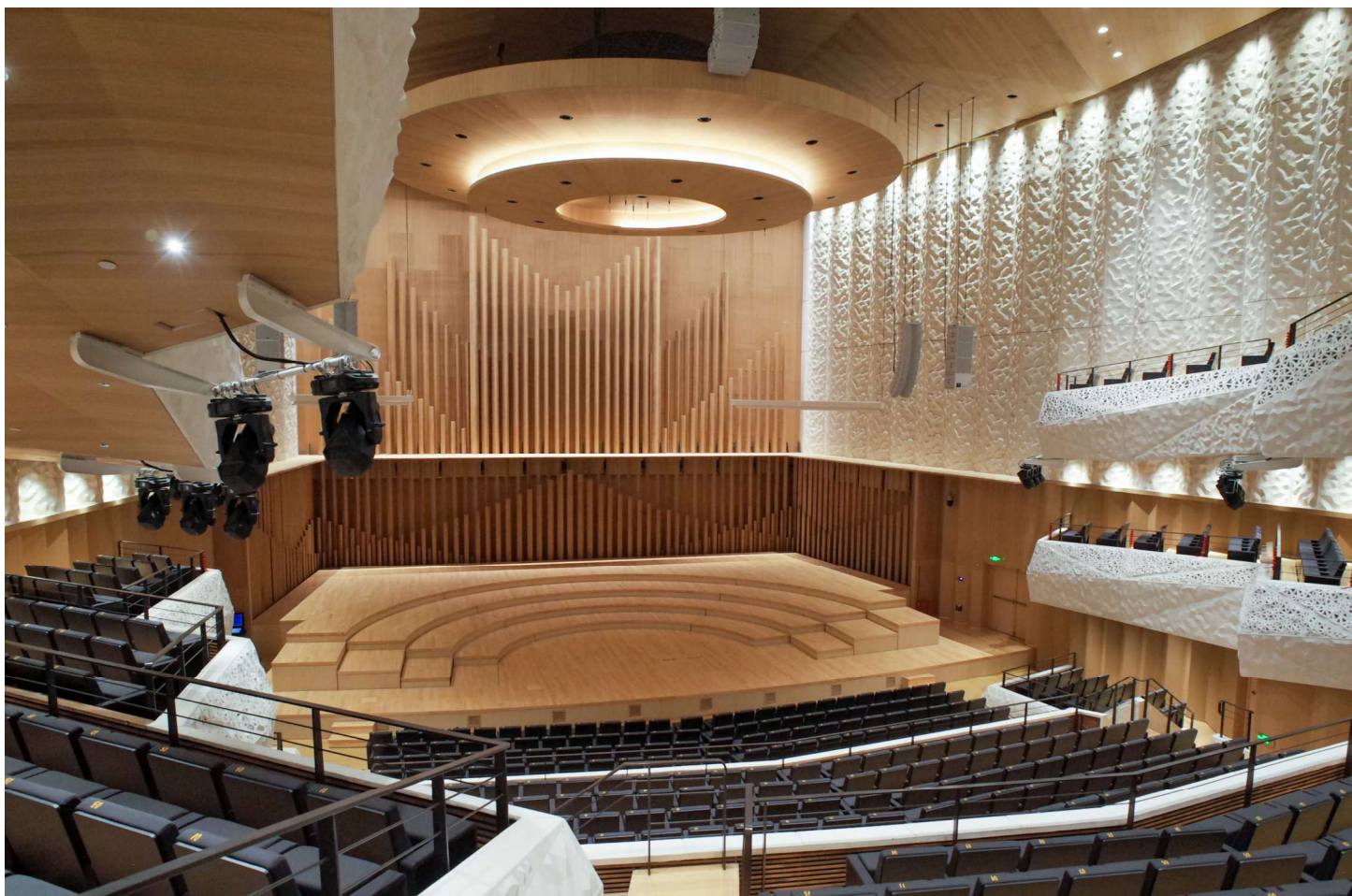
REVERBERATION TIME



SHANGHAI LONG BEACH CONCERT HALL

SHANGHAI, CHINA
2024

NAGATA
ACOUSTICS



Clockwise from Top

- View from main audience
- Closeup of transparent balcony front
- Exterior
- View from stage

