

# THE HARMONY HALL

MATSUMOTO JAPAN  
1985

NAGATA  
ACOUSTICS

Acoustics Consultant:	NAGATA ACOUSTICS, Inc.
Architect:	NISSOKEN
Owners:	City of Matsumoto
Sound & Communications:	NAGATA ACOUSTICS, Inc.
Construction Cost:	¥ 1,500 Million JPY

The 750-seat Harmony Hall, the main hall of the Matsumoto Music Culture Center, was opened in October 1985. Matsumoto City is located in the center of Japan. The Culture Center has another small hall of 240 seats for multi-purpose use as well as three rehearsal rooms.

The Harmony Hall was planned and designed as a concert hall to serve for a wide range of classical music, from piano recitals to organ concerts. An organ with 43 stops was installed at the front part of the hall in 1987.

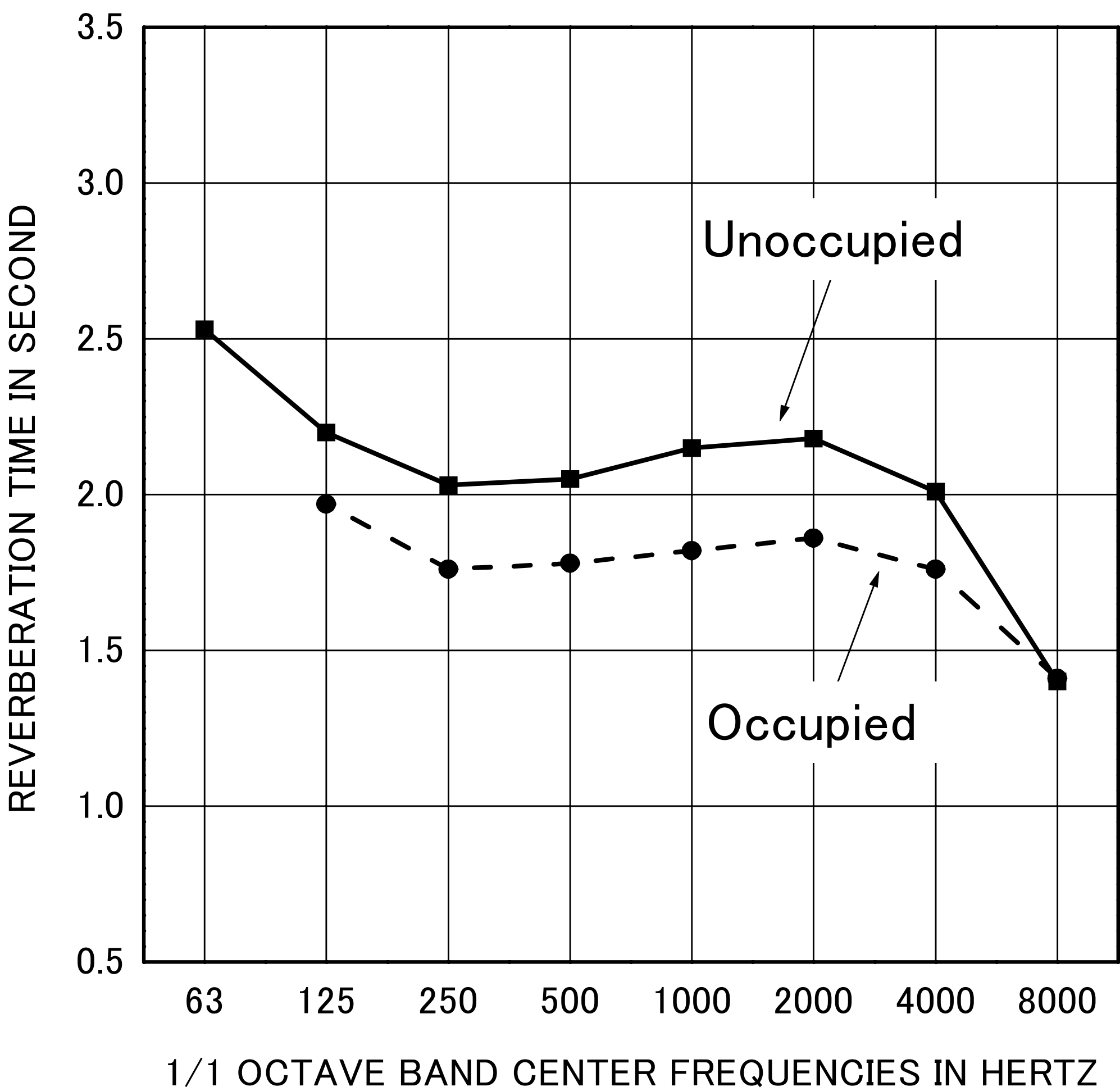
The room shape of the main hall is a shoebox with one floor with considerably steep slope, parallel sidewalls and a gabled ceiling. The sidewalls have an architectural concrete finish and the ceiling is constructed with two layers of gypsum board in order to avoid excessive absorption at low frequencies.

The small hall has variable reverberation units for classical and pop concerts, drama and lecture use.

The opening of the Matsumoto Music Culture Center has had a big impact on the music activities of the local city Matsumoto. The hall has been fully occupied by the music groups of citizens and world-famous musicians since it's opening.

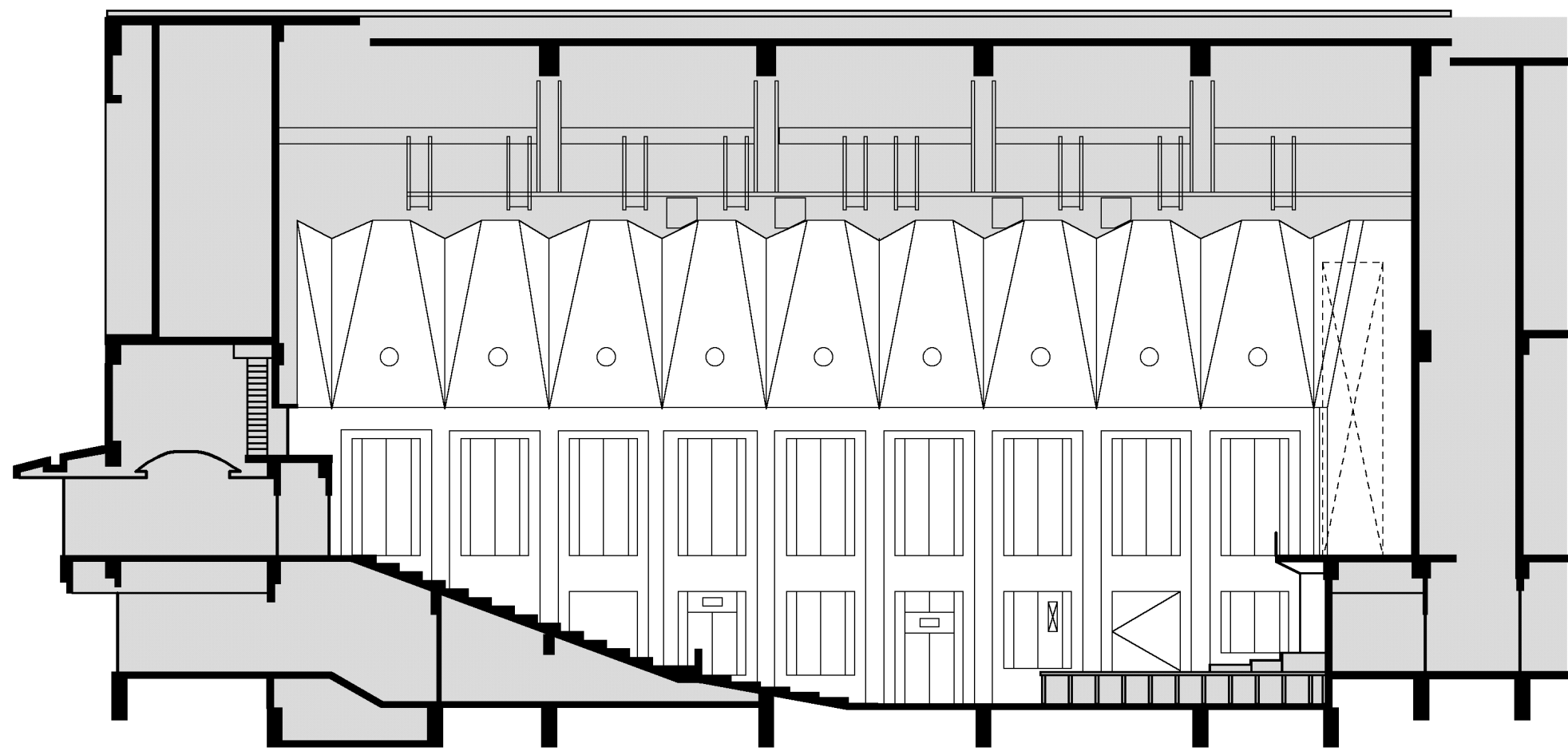
## BUILDING DETAILS AND ACOUSTICS DATA

Location	4351 Shimauchi, matumoto-city Nagano Pref. 390-0851, Japan
Tel	0263-47-2004
Seating Capacity	756
Room Volume	9,100 CM
Surface Area	2,930 SM
Stage Area	220 SM
Reverberation Time (Mid-Frequency)	
Unoccupied	2.1 sec
Occupied	1.8 sec
Finishing Materials	
Ceiling	: 2 layers of gypsum board (10 mm x 2)
Frontal Wall	: Wooden surfaced gypsum board
Side Wall	: Concrete
Floor	: Wooden board on concrete
Seat	: Upholstered
Organ	: 43 stops (Beckerath, Germany)
Noise Level	: NC-20
Other Facilities	: Small Hall (240 seats)
Total Cost	: ¥ 1,500 Million JPY
Total Floor Area	: 4,387 SM

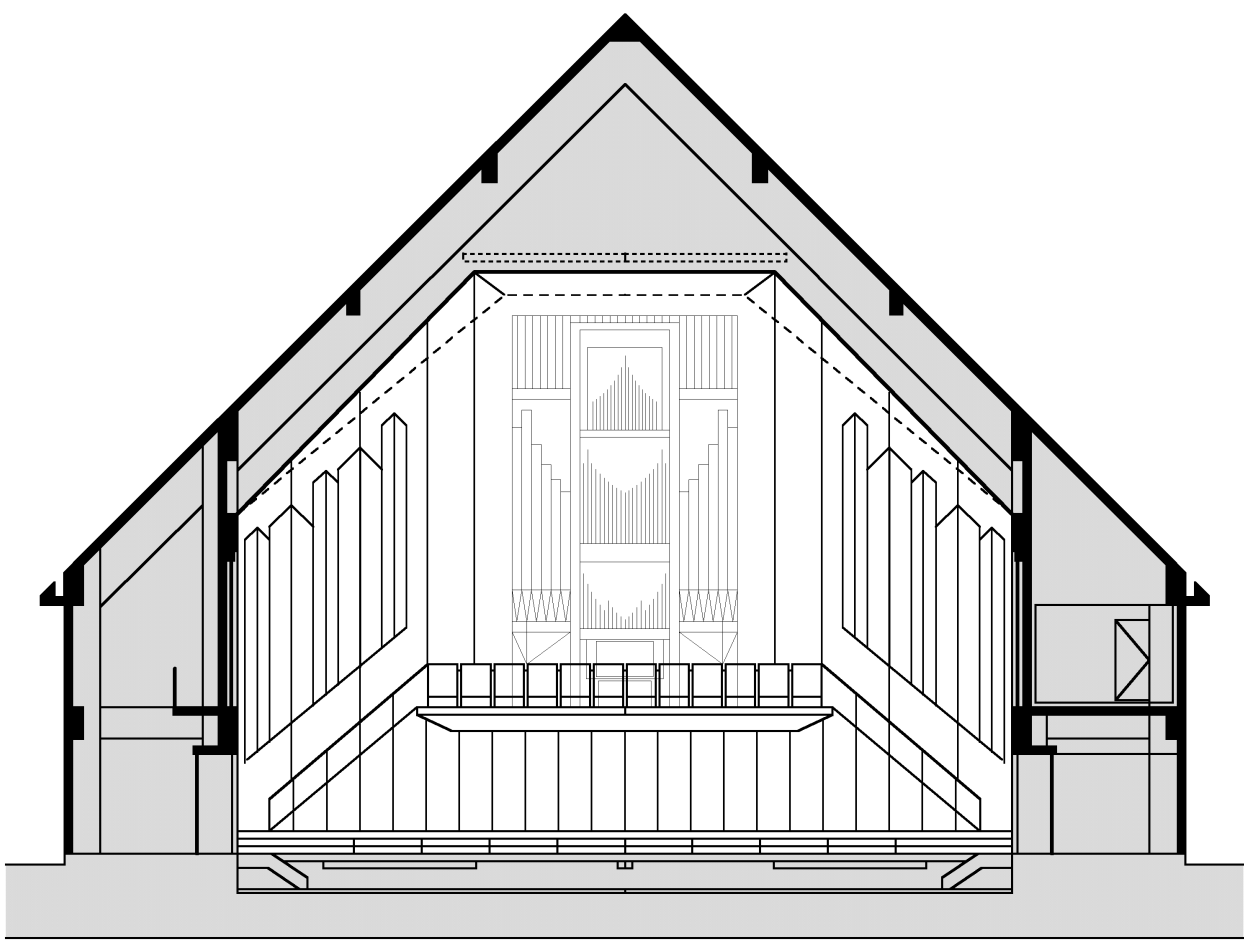


REVERBERATION TIME

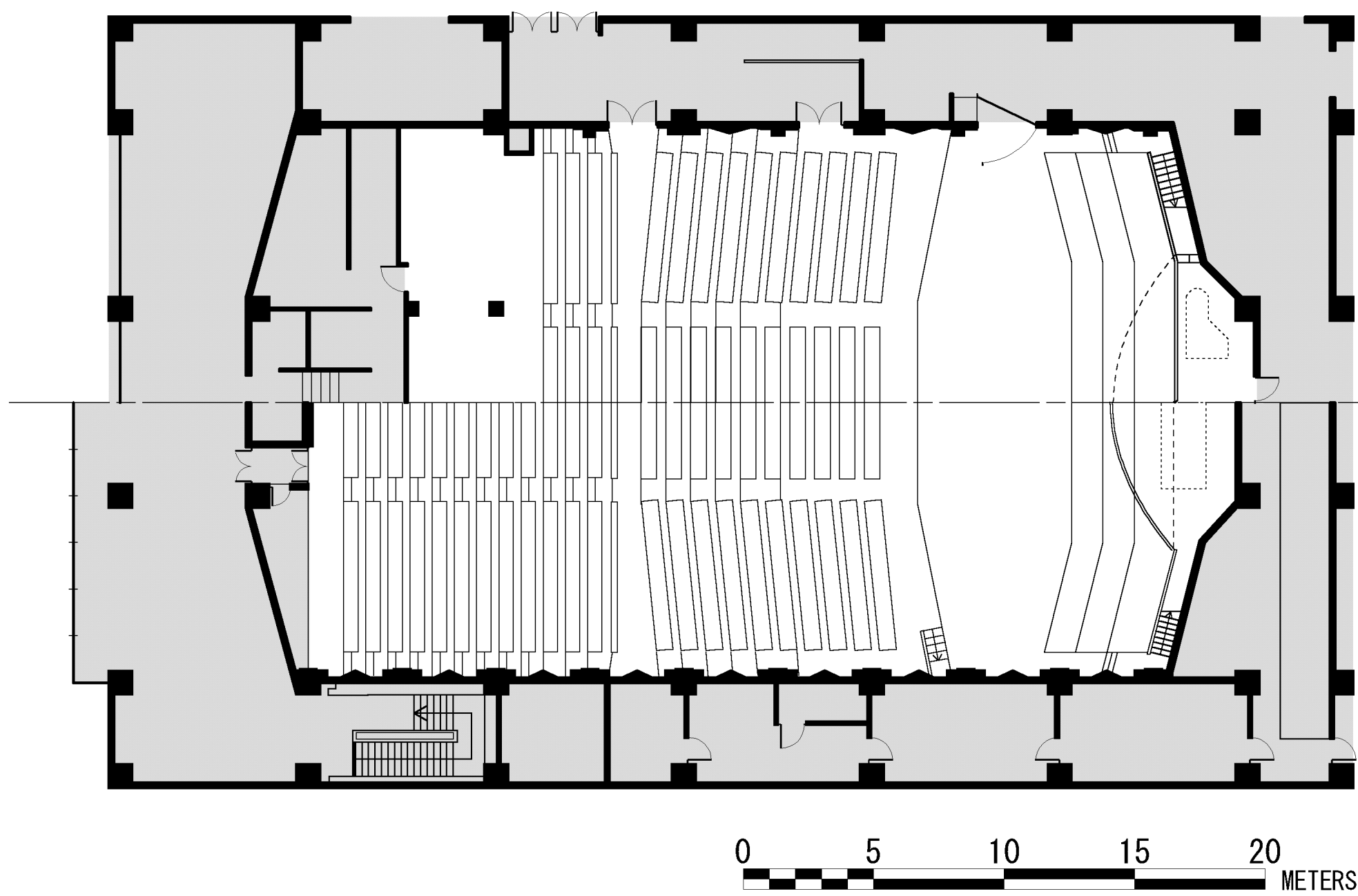




LONGITUDINAL SECTION



TRANSVERS SECTION



PLAN



ENTRANCE

