

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 its 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

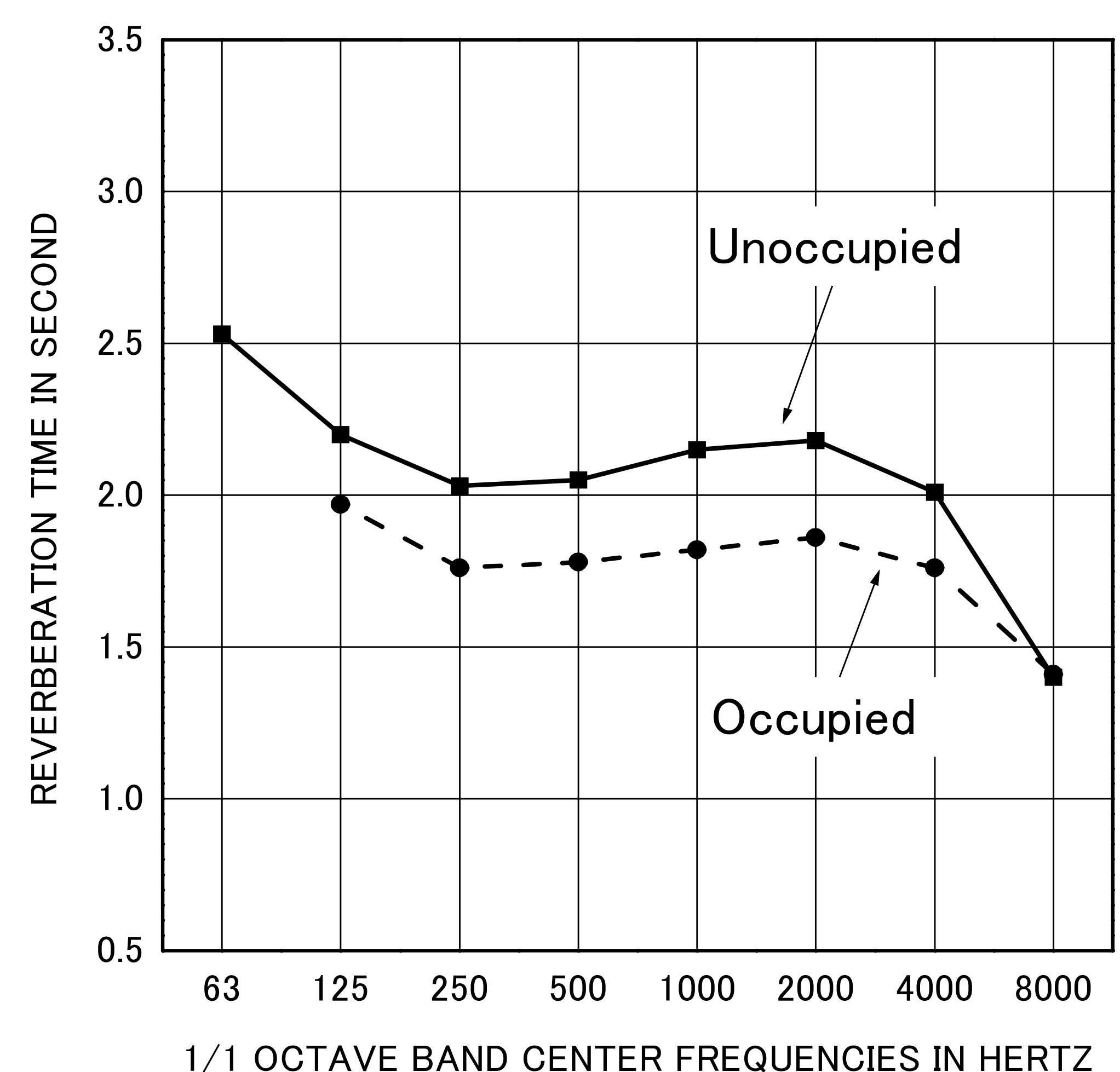
Organ : 43 stops (Beckerath, Germany)

Noise Level : NC-20

Other Facilities : Small Hall (240 seats)

Total Cost : ¥ 1,500 Million JPY

Total Floor Area : 4,387 SM



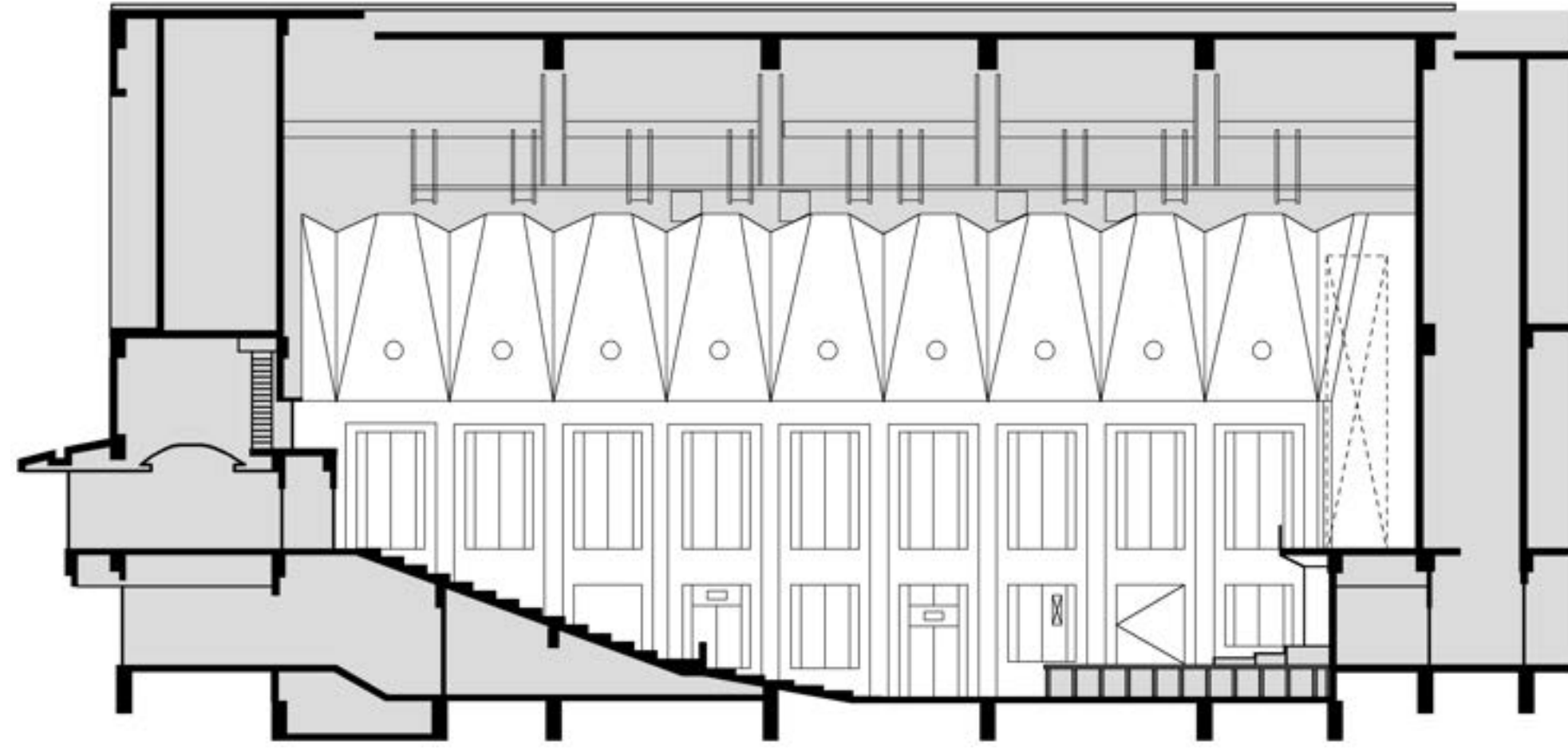
REVERBERATION TIME

THE HARMONY HALL

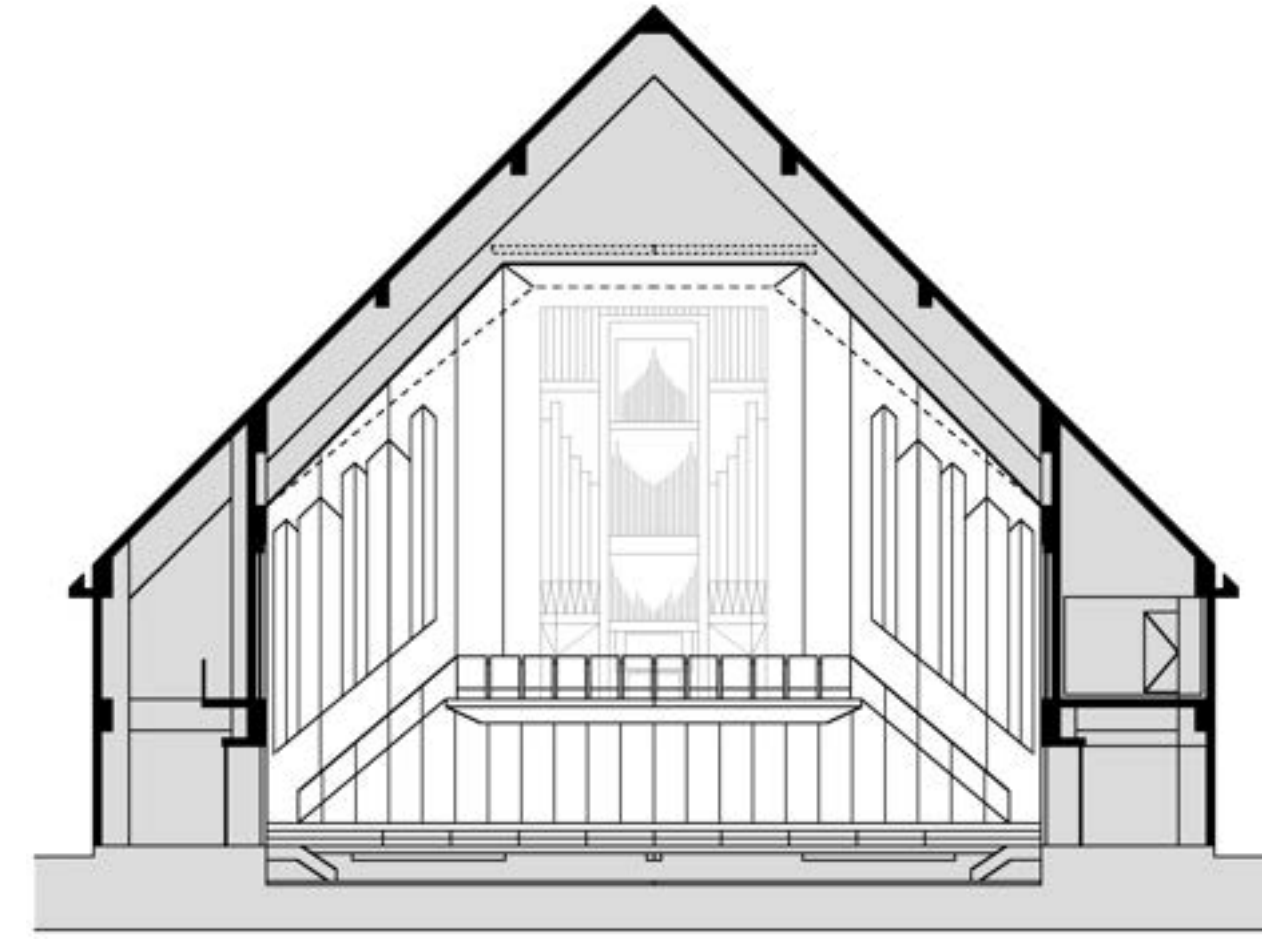
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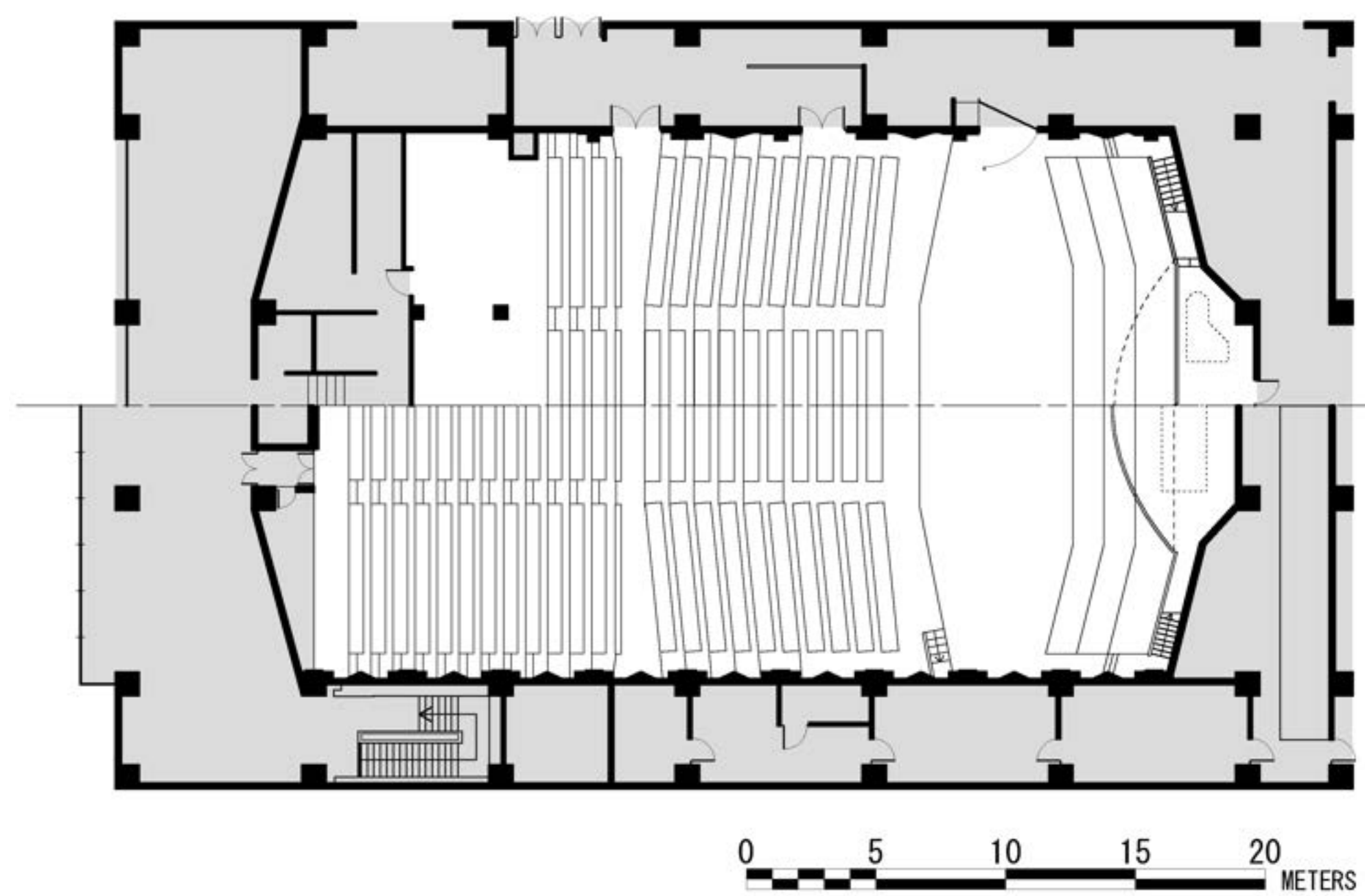
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LONGITUDINAL SECTION



TRANSVERS SECTION



1st floor

2nd floor

PLAN



ENTRANCE

