THE REPINO HALL
REPINO, RUSSIA
2017

NAGATA ACOUSTICS
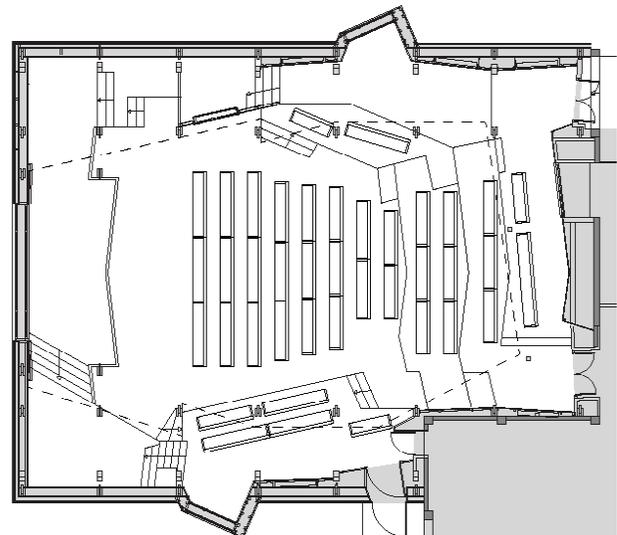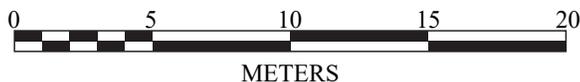
Acoustic Consultant:	Nagata Acoustics (performance space room acoustics)
Architect:	Fabre/Speller Architectes
Owner/User:	Valery Gergiev
Construction Cost:	EUR 1.4 million

Initial plans of a private "dacha" for conductor Valery Gergiev quickly transformed into artistic and educational ambitions: creating a guest house to welcome talented young musicians in residence, and inviting world-class performers visiting St. Petersburg to meet and exchange ideas. A hall which could accommodate rehearsals and workshops as well as performances was a natural extension to fulfill these ambitions. Xavier Fabre—who had previously worked with Gergiev and Nagata Acoustics on Mariinsky Concert Hall—was appointed as principal architect for the project.
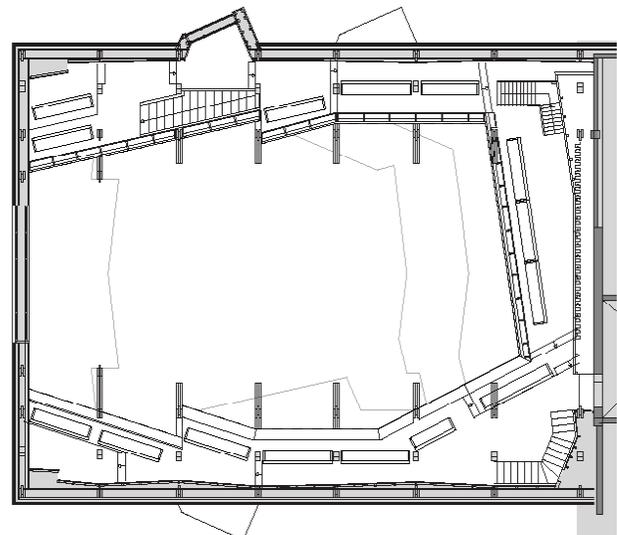
The initial program for this space aimed for an audience of 100-150 seats and performances by a chamber orchestra. Thus, the principal challenge of the room acoustical design became the accomodation of this high performer-to-audience ratio on the small footprint offered by the project site. In order to secure the large room volume necessary to produce acoustic richness for larger ensembles, the ceiling sits at a height of 12 m (39 ft) above stage level, which is exceptionally high for this number of seats. This ceiling height then allowed for the addition of two balcony levels, increasing the seat count to 300 seats. The Repino Hall held its official opening on May 31, 2017 and included a performance by a 35-piece orchestra.

SECTION

0   5   10   15   20
METERS

BUILDING DETAILS AND ACOUSTICAL DATA

Seating Capacity:	300
Room Volume:	3,400 m³
Finish Materials:	
Ceiling:	Siberian Pine, Glazing
Walls:	Siberian Pine, Glazing
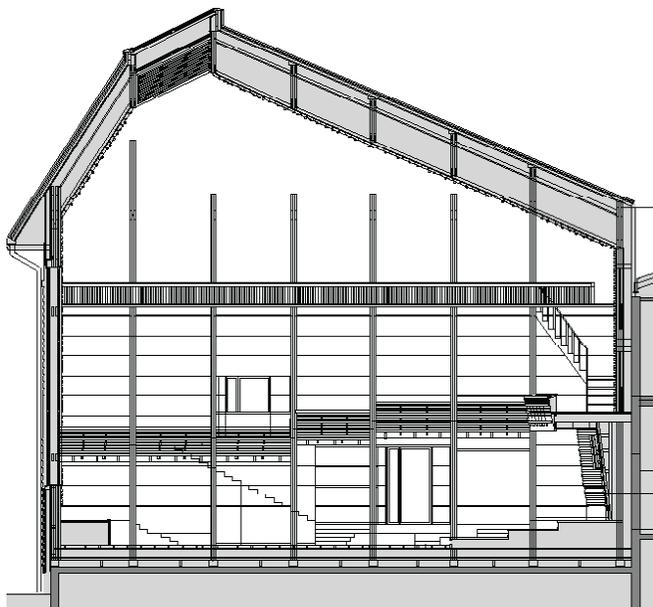
MAIN FLOOR PLAN

BALCONY PLAN

Clockwise from the top left:

- View from first balcony

- View from second balcony

- Balcony soffit and surface texture

- View from upstage

- Ceiling and skylight