



view of stage from behind back row

Name of project:

Flat Floor Theatre Amsterdam

Type of building:

- opera houses
- concert halls
- musical theatres
- drama theatres/lyric theatres
- convention centres
- cultural centres, municipal halls
- cinemas and studios
- children's theatre
- auditoriums
- other projects

Project data:

Client/Owner:

Stadsschouwburg Amsterdam

Address:

Leidseplein 26
1017 PT Amsterdam

Project team:

Architecture:

Jonkman Klinkhamer architecten

Structural Engineering:

DHV Den Haag

Mechanical Engineering:

Ebatech/ Huisman & Van Muijen

Electrical Engineering:

Grontmij Technical Management Amersfoort

Acoustic consultant:

DHV Eindhoven, Renz van Luxemburg

Theatre consultant:

Theateradvies, Amsterdam

Stage lighting:

Barndoor, Lightco

Sound Engineering:

Audio Pro

Project costs:

€ 21.550.000

incl. side costs (honorary, fees), but without VAT

Capacity of rooms:

Gross floor area:

7.200 m² new building 3.000 m² rebuilding

Architectural volume:

45.000 m³

Seating Capacity (main auditorium):

520 -1000

Date of official inauguration:

2009.04.17

Contact person for visits:

Jim Klinkhamer (Maaike Westinga)
Jonkman Klinkhamer architecten
Postbus 544 AM Amersfoort t: 033-4700303
e: info@jonkmanklinkhamer.nl

Description of the project:

For years the main user of Amsterdams theatre Stadsschouwburg Amsterdam, Toneelgroep Amsterdam, has been searching for a way to create a "vlakke vloerzaal". Altering the existing theatre wouldn't lead to a satisfactory solution, and the plot around the building was/is too small to create a new building. Therefore the Stadsschouwburg and the neighbouring Popmusic-centre De Melkweg joined forces to create a multiple-use auditorium. Jonkman Klinkhamer designed the extension of the theatre as a volume high above the existing Melkweg, directly connected to the existing theatre.

The new auditorium is sits 13 meter above street level, and is standing side by side to the 19th century stage of the old theatre, separated from each other by a one and a half meter wide gap. The complete backside of the stage is made out of glass, therefore the public can feel the connection of the new auditorium with the old building. The auditorium itself houses 520 seats, is made as wide and as shallow as possible, and contains lightly curved rows of seats for the best relationship between actors and audience. Technical galleries are designed on both sides of the auditorium. They fulfill in the adjustable acoustics because of their louvers, and allow lightning to be in the room, but out of sight. The auditorium can be expanded with additional chairs up to 1000 seats. Also chair configurations on stage are possible. The total capacity of the new auditorium is 1500 people.

Characteristic for the extension is the almost floating foyer high above the city, and the use of materials, as well inside as outside. The wooden floor (Kerowing) of the stage is also used in the public areas of the new theatre, and inside walls and ceiling relate to the façade. This cladding exists of two metal sheets. An orange and closed cladding, referring to the surrounding bricks, and a grey and perforated cladding, referring to the roof tiles. The Combination of these two leads to a fascinating effect for the incidence of light, to be compared with the "cheangeant-effect" of fabric.

The lower part of the building has a complete glass facade, with different degrees of transparency. It houses rehearsal studios and entrance areas. On the west side of the project the extension is connected to existing historical premises. In these houses are now offices located, for both the Stadsschouwburg and Toneelgroep Amsterdam. A new double truck elevator is located between two houses, and serves the stages of the old building and the new extension.

In Popmusic-centre De Melkweg the capacity of their auditorium is enlarged to 1500 people, balconies and bars are renewed, with use of the space underneath the extension of the theatre. Form this music-centre a direct access is made to the new building above. Every month the new auditorium is transformed to a majestic pop music concert hall.



view from technical gallery



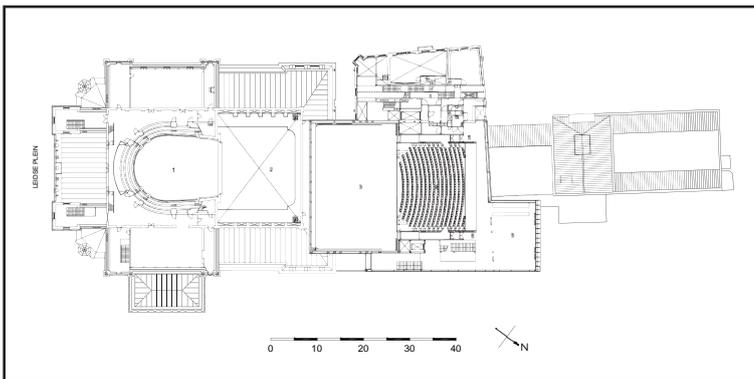
technical gallery on both sides of the auditorium



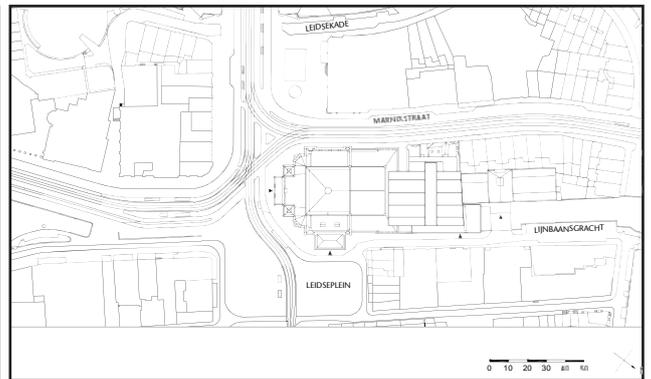
glass backside of stage



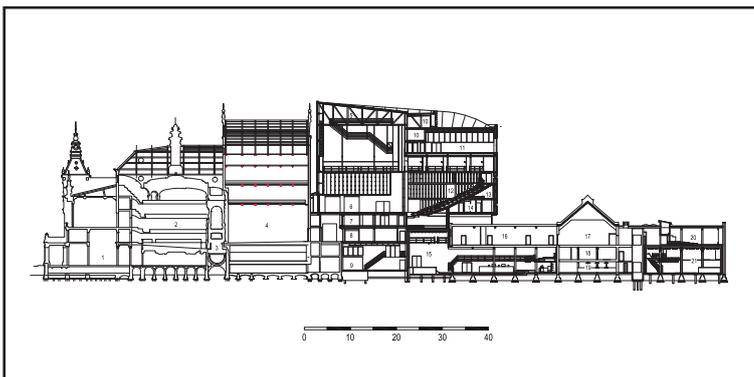
adjustible louvres



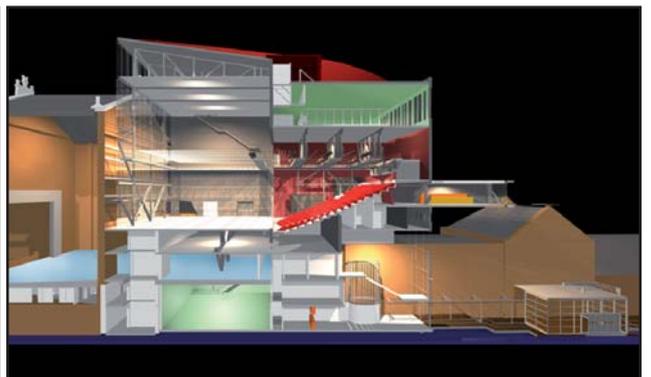
Main Floor Plan, with total seating plan and foyer



Site Plan



Main Section, from left to right: old theatre auditorium, old stage, gap, new stage, new auditorium



3D Section