



Van Gogh Museum / Hans van Heeswijk Architects

05 SEP 2015

Projects Built Projects
Selected Projects Museum
Extension Amsterdam
The Netherlands

Architect:
Hans van Heeswijk Architects
Photographers: Luuk Kramer
Ronald Tilleman

Materials: Glass Steel



© Ronald Tilleman

Architects: [Hans van Heeswijk Architects](#)
Location: Museumplein 6, 1071 DJ Amsterdam, Netherlands
Architect in Charge: Gerrit Rietveld, Joan van Dillen, Johan van Tricht
Renovation Rietveld Building: Martien van Goor
Project Team: Jasper Druiven, Richard Gouverneur, Stephanie Haumann, Hans van Heeswijk, Rob Hulst, Ronno Stegeman en Boaz van der Wal
Area: 15175.0 sqm
Project Year: 2015
Photographs: [Ronald Tilleman](#) , [Luuk Kramer](#)



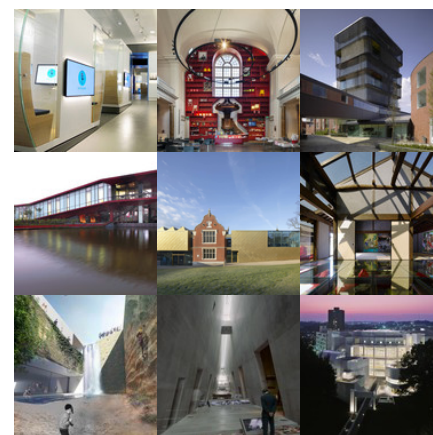
Architect Exhibition Wing: [Kisho Kurokawa](#)
Design concept New Entrance Building: [Kisho Kurokawa Architect & Associates](#)
Building: [Hans van Heeswijk Architects](#)
Contractor: Central Government Real Estate Agency, The Hague
Structural Consultant: Arcadis Nederland, Rotterdam
M&E Consultant: Deerns Raadgevende Ingenieurs, Rijswijk
Building Physics Consultant: DGMR, The Hague
Logistics Consultant: Theateradvies, Amsterdam

MORE FROM HANS VAN HEESWIJK ARCHITECTS



Rietveld House / Hans van Heeswijk Architects
Selected Projects

MORE MUSEUM



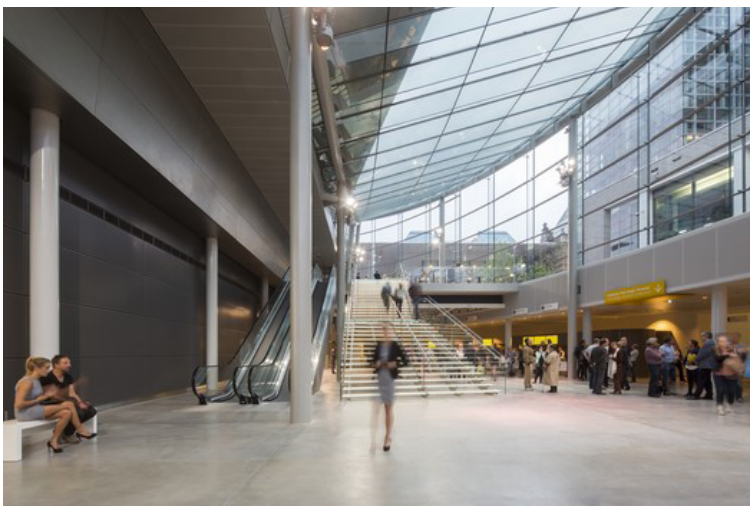
[MORE MUSEUM »](#)

Lighting Consultant: Hans Wolff & Partners
Lighting Designers: [Amsterdam](#)
Contractor Glass Constructions: Octatube, Delft
Main Contractor: Bouwbedrijf Van der Spek, Pijnacker
Electrical Installations Contractor: **reedveld en Schröder, Almere**
Mechanical Installations Contractor: Kuijpers Installaties, Utrecht
Elevators: Mitsubishi Elevator Europe, VeenendaalTotal



© Ronald Tilleman

From the architect. The Van Gogh Museum in [Amsterdam](#) is one of the Netherlands' most popular museums. The ever-growing stream of visitors required intelligent solutions for these buildings, which were designed by Rietveld (1973) and Kurokawa (1999). The design consists in broad outlines of a further elaboration of the elliptical wing of the building that Kurokawa had built in [Amsterdam](#) in 1999. Kisho Kurokawa Architect and Associates, the firm founded by the late Kisho Kurokawa and designer of the temporary exhibitions wing opened in 1999, prepared the draft design for the new entrance hall. Hans van Heeswijk Architects then elaborated on this to create a solution in which the existing wing and the new structure form a surprising new whole.



© Luuk Kramer

“Work to move our main entrance to Museumplein has gone very well,” says museum director Axel Rüger. “It has been delivered within the tight eighteen-month deadline, and on budget. The all-glass entrance hall features high-quality structural engineering and systems. There is a spacious, well-lit foyer with cloakrooms and a revamped museum shop. Improved access, better logistics and more space will allow us to give our visitors a much

warmer welcome than before. Moreover, this arrangement better suits the upgraded Museumplein – all its cultural institutions now have their entrances facing the square. The transparent building with its state-of-the-art glass structure enriches both the Van Gogh Museum and Museumplein.”



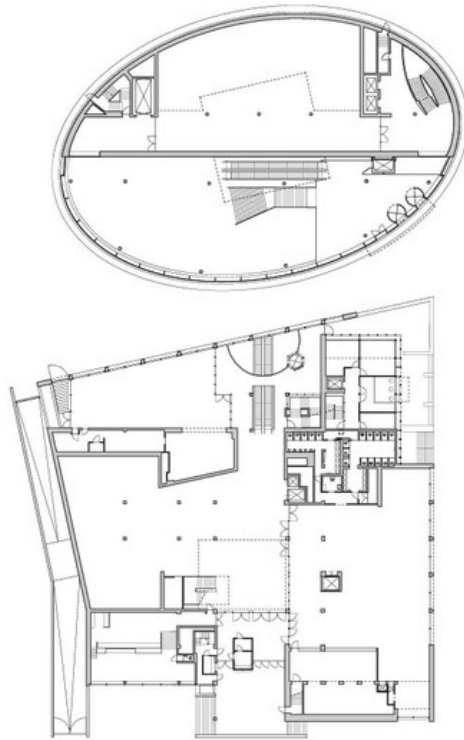
Section

State of the art glass constructions: glass as construction material The new entrance building is the largest glass structure in the Netherlands in which glass fins (beams and mullions) and double glass units are elements of the building's main structure. This is a major step forward in the technical innovation of transparent structures and for glass as a structural material. There has never been a longer structural glass fin in the Netherlands: 12 meters. For the overall stability of the roof, the glass fins have been connected to the steel structure. They are working together as one structure.



© Luuk Kramer

Glass façade, roof and staircase The bent glass façade is composed of cold bent double laminated insulated glass units. This means the rectangular glass panels have been shaped on-site during installation. The total area is approximately 650 sqm. The façade has 20 glass fins which are all unique. The longest façade fin is 9,4 meters.



Ground Floor Plan

The glass roof with a total area of approximately 600 sqm has as main geometry a shell under an angle of 16,5 degrees. There are 30 glass roof fins, all unique in length and with an optimized height to accentuate the shape of the curved roof. The longest glass fin in the roof (also the longest structural glass fin in the Netherlands) has a length of 12 meters. The glass staircase is supported by a triple laminated glass arch which transfers the highest loads from the stairs and also stabilizes the staircase. Because of this glass arch, the amount of steel is kept to a minimum and the staircase can be seen as a transparent piece of furniture.



© Ronald Tilleman

LED lighting has been integrated inside the glass stair steps. "We ensured that the new entrance hall has become light and spacious with lots of glass. We want to capture the sunny atmosphere, which you see reflected in many paintings of Van Gogh. We developed a unique support structure for the glass roof, which you hardly notice. As you enter, you will wonder: How is that entire glass building supported? And what you experience is light, space, and overview. Clarity is extremely important, maybe the most important; you have to realize that a museum is a public building where every day thousands of visitors, many foreigners also, often come for the first time. You need to provide clarity. The visitors don't want to miss anything; they need to understand immediately which way to go, how big the museum is and how long they will need to see it. When they feel at home and at ease they will stay longer and love to come back."

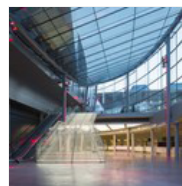
Hans van Heeswijk



© Ronald Tilleman



© Ronald Tilleman



© Luuk Kramer



© Ronald Tilleman



© Ronald Tilleman



© Ronald Tilleman



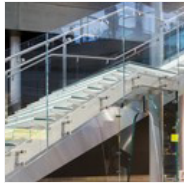
© Luuk Kramer



© Ronald Tilleman



© Luuk Kramer



© Luuk Kramer



© Luuk Kramer



© Ronald Tilleman



© Luuk Kramer



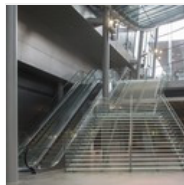
© Luuk Kramer



© Ronald Tilleman



© Luuk Kramer



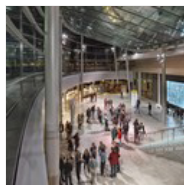
© Luuk Kramer



© Ronald Tilleman



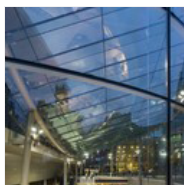
© Luuk Kramer



© Ronald Tilleman



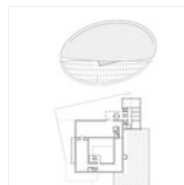
© Ronald Tilleman



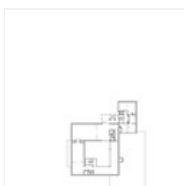
© Luuk Kramer



First Floor Plan



Second Floor Plan



Third Floor Plan



Fourth Floor Plan



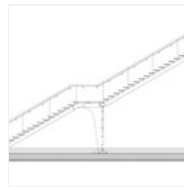
Basement Floor Plan



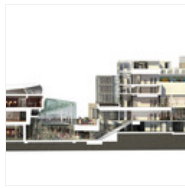
Ground Floor Plan



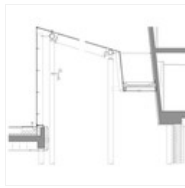
Site Plan



Elevation



Section



Detail



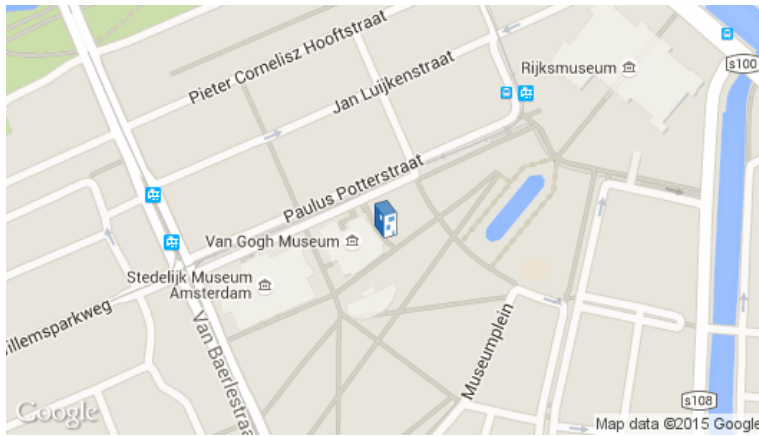
Detail



Detail



Detail



Location to be used only as a reference. It could indicate city/country but not exact address.

Cite:

"Van Gogh Museum / Hans van Heeswijk Architects" 05 Sep 2015. [ArchDaily](http://www.archdaily.com/772991/van-gogh-museum-hans-van-heeswijk-architects/). Accessed 7 Sep 2015.
<<http://www.archdaily.com/772991/van-gogh-museum-hans-van-heeswijk-architects/>>

