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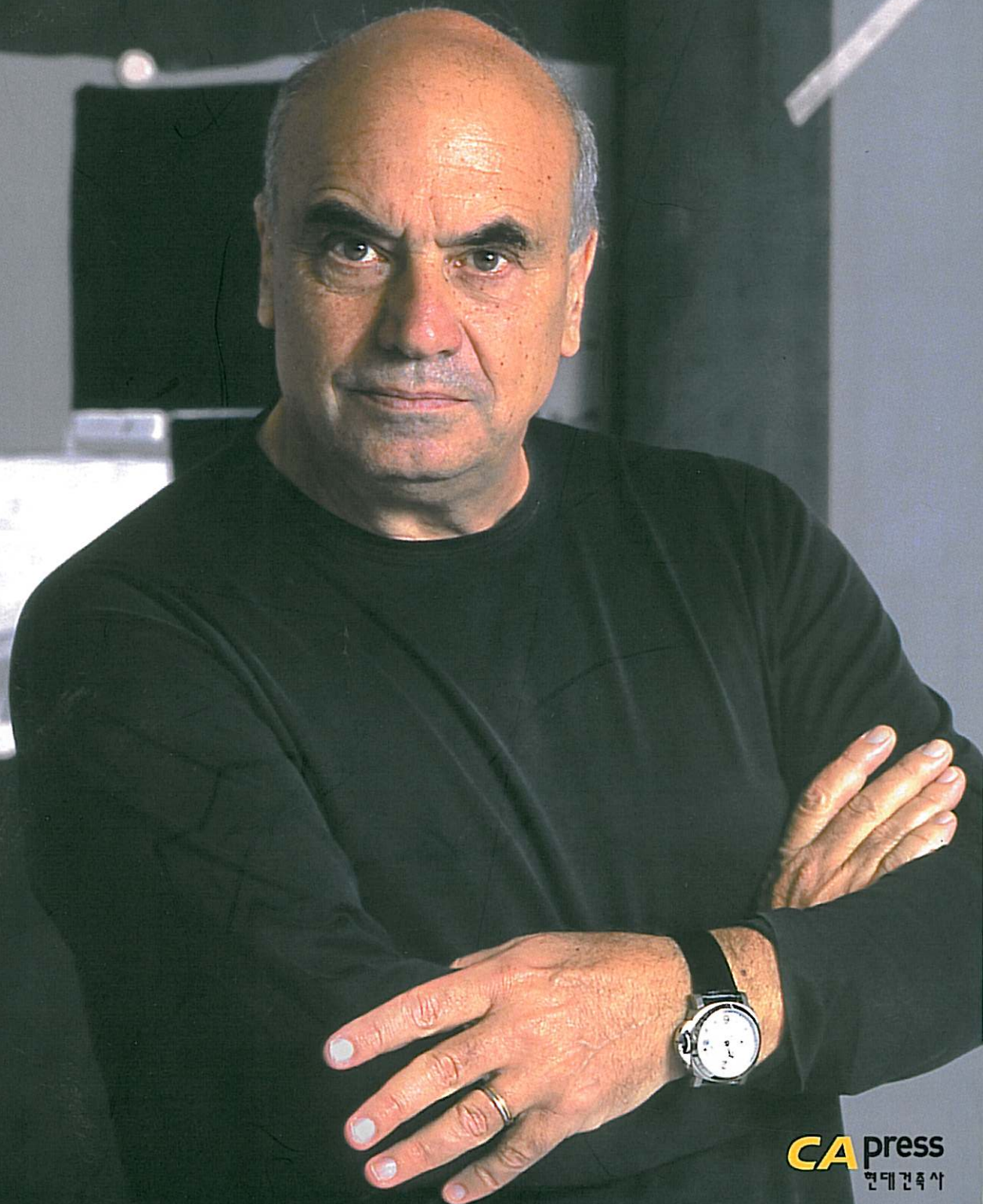
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Contemporary Architecture

## M fuksas ARCH

Essay \_ in the Boundary-Architecture & Urbanism

Works \_ Ferrari Research Center, New Milan Trade Fair,  
Grappa Nardini

Planning Projects \_ San Giacomo Church and Community



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# Ferrari Research Center - Maranello, Italy

페라리 연구 센터 - 마라넬로, 이탈리아

The building site is right in the centre of the Ferrari complex (Maranello - Italy) which is undergoing major changes and developments. The location of the research center between the Wind Tunnel and the Mechanics Building reinforces its role in building the main image of Ferrari Spa. This building will host the offices of the Ferrari Technical Management.

The project is born out of the desire to bring in the natural environment into this highly technological complex in order to create a comfortable working ambient. Light, water and bamboo are used in such a way that building becomes landscape.

This project represents the development of a new poetic of lightness. The overall image is dominated by an overhanging volume, detached from the rest of the building and suspended above the surface of the water which covers the lower volume, extending outwards over the entrance area by 7 meters.

Brightly light crystal boxes and the minimum necessary structure are the only physical connections between these volumes. Above the surface of the water various walkways create a network of connections between two meeting rooms, marked by their respective colors, i.e. red and yellow. Water and light are the kinetic elements of the building, designating space with reflections that give the impression of a precious metal container to the upper volume.

In the middle of the building, a precisely ordered rectangular bamboo forest filters light and reflects it in a thousand different directions.

The alchemy of these elements creates a micro-climate which is a perfect example of bio-climatic architecture. Therefore this building, dedicated to a car manufacturing company that has represented, for generations, the realization of a dream, becomes part of this poetry, magic and dream.

이 건물은 이탈리아 마라넬로(Maranello)에 있는 페라리 단지의 중심에 있으며, 이곳 현재 전체에 걸쳐 대대적인 개발이 진행 중이다. 윈드 터널(Wind Tunnel)과 메카닉 빌딩(Mechanics Building) 사이에 자리한 이 연구센터는 그 위치가 페라리의 주 이미지를 각인시키는 역할을 더욱 확고히 한다. 이 건물에는 페라리를 위한 기술관리부서를 입주하게 된다.

이 프로젝트는 첨단기술단지와 자연 환경이 어우러지도록 하여 쾌적한 근로 환경을 성취하려는 시도에서 비롯되었다. 빛과 물, 그리고 대나무를 이용하여 건물이 하나의 경으로 매치되도록 디자인하여, 빛을 더욱 세롭게 또한 낭만적으로 연출한다. 전반적인 이미지는 건물 상부에 돌출된 부분이 조우하고 있는데 건물의 나머지 부분과 분리되어 있는 이 부분은 건물 아래부분을 덮고 있는 수면 위에 떠 있으며, 출입구역 밖으로 7미터 만큼 뻗어 있다.

밝은 빛을 발하는 크리스탈 박스들과 최소한의 파티티(parti)들만이 이 두 부분을 유기적으로 연결하고 있다. 수면 위로는 여러 갈래의 통로가 각각 빨간색과 노란색으로 칠된 두 회의실 사이에 연결망을 형성한다. 물과 빛은 이 건물의 동역학적 요소로 작용하며, 이들이 연출하는 반사광으로 인해 건물 상부는 마치 고급스러운 금속 컨테이너 같은 느낌을 준다.

건물 중간에는 정돈된 정사각의 대나무 숲이 조성되어 빛을 여과하고, 또한 동시에 수면 방향으로 반사한다.

이러한 요소들이 생물기후 건축(bio-climatic architecture)의 완벽한 예라 할 수 있는 크로 기후(micro-climate)를 형성한다. 이로 말미암아 여러 세대 동안 꿈의 실현을 해 오고 있는 페라리만의 서정과 매력, 그리고 꿈의 일부가 된다.

Location Via Abetone Inferiore, 4, Maranello, Modenas

Total Area 17,000m<sup>2</sup>

General Contractor COGEI Costruzioni Spa

Interior Design e Artistic Direction Doriana O. Mandrelli

Project Leader Giorgio Martocchia

3D Makers Fabio Cibinel

Team Defne Dilber Stolfi, Adele Savino

Model Makers Gianluca Brancaleone, Nicola Cabiati, Andrea Marazzi

Structural Engineering Ing. Gilberto Sarti, Rimini

Services Engineering AI Engineering, Turin

Client Ferrari Spa

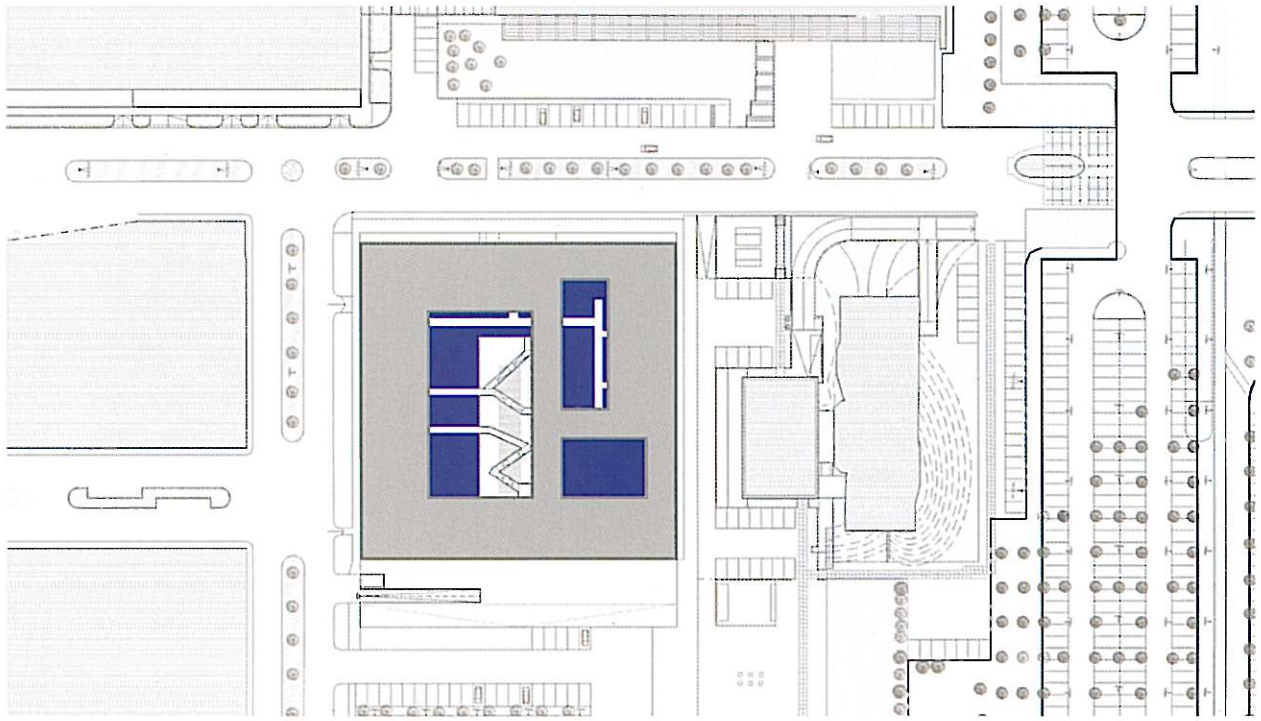
Construction Period 2001-2004

Photography ©Maurizio Marcato

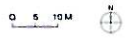




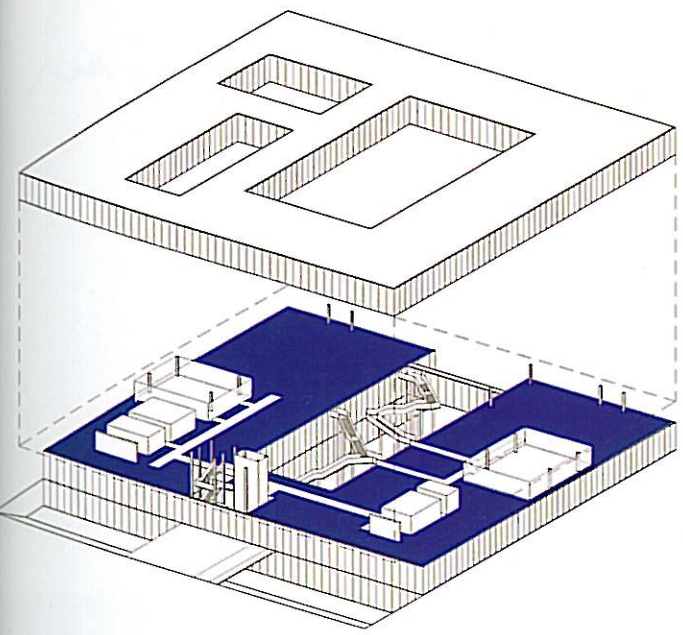




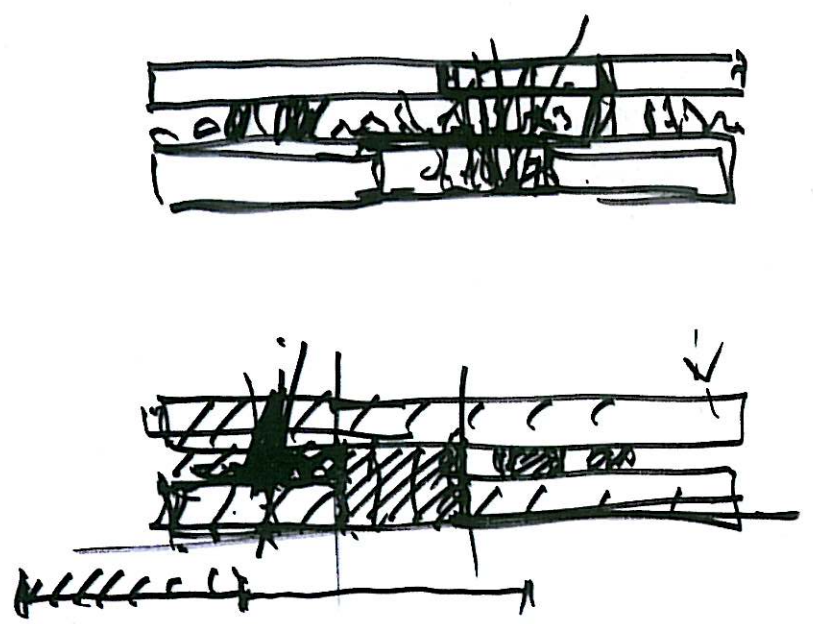
Site Plan



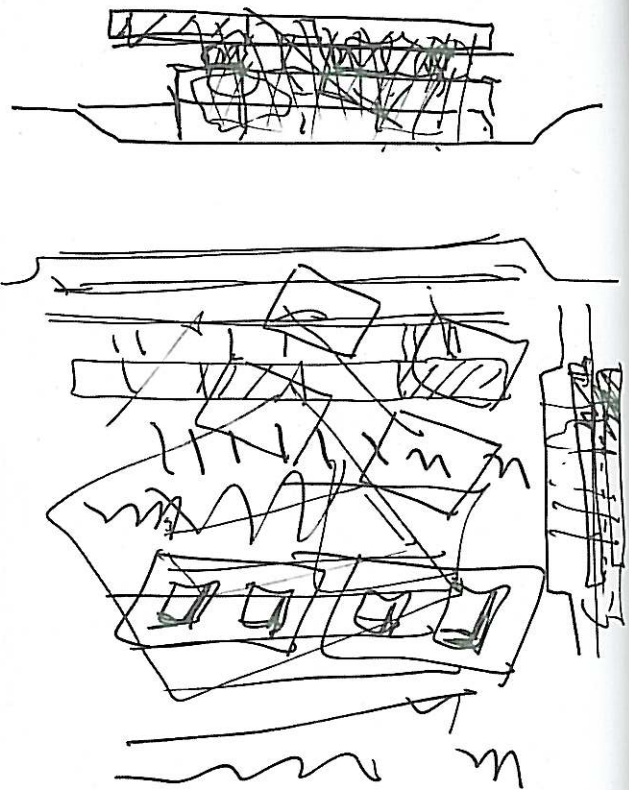
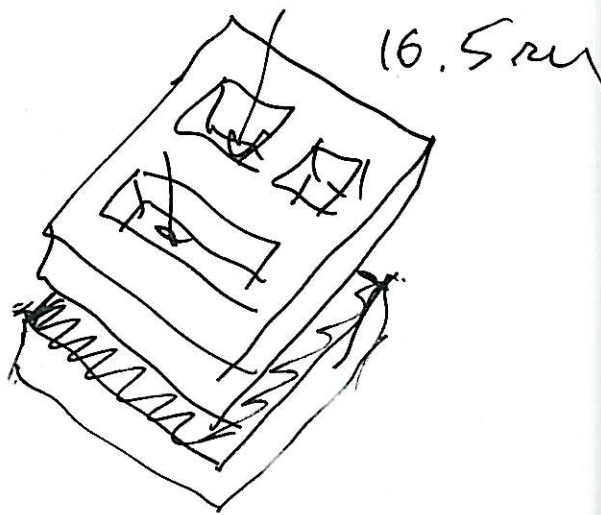




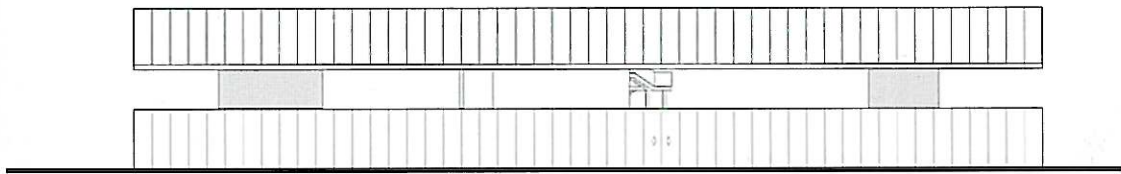
Isometric



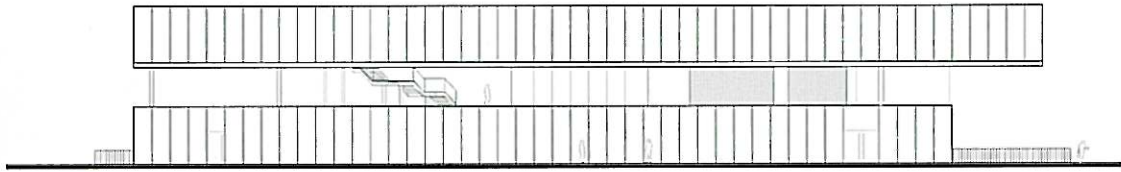








Elevation I

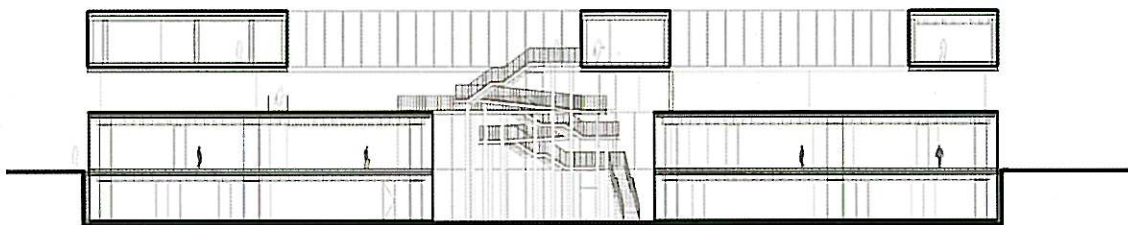


Elevation II

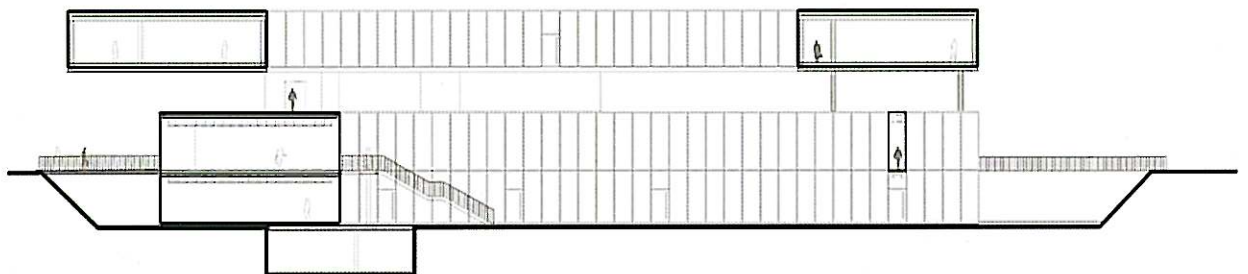
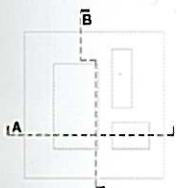
0 5 10 M



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Section A



0 5 10 M

Section B

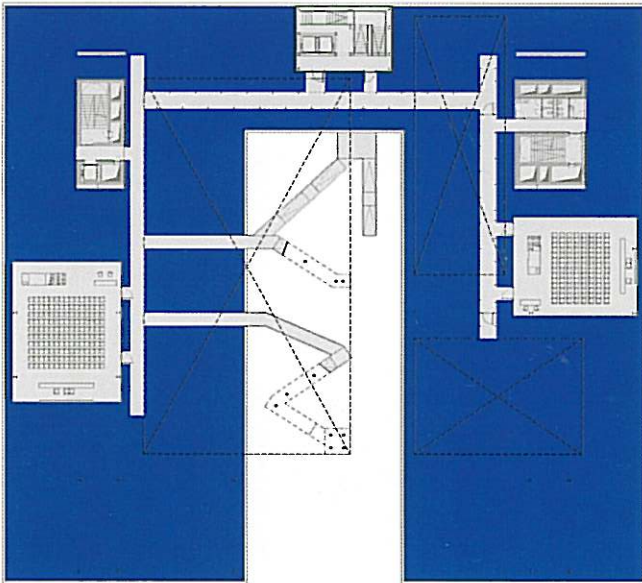




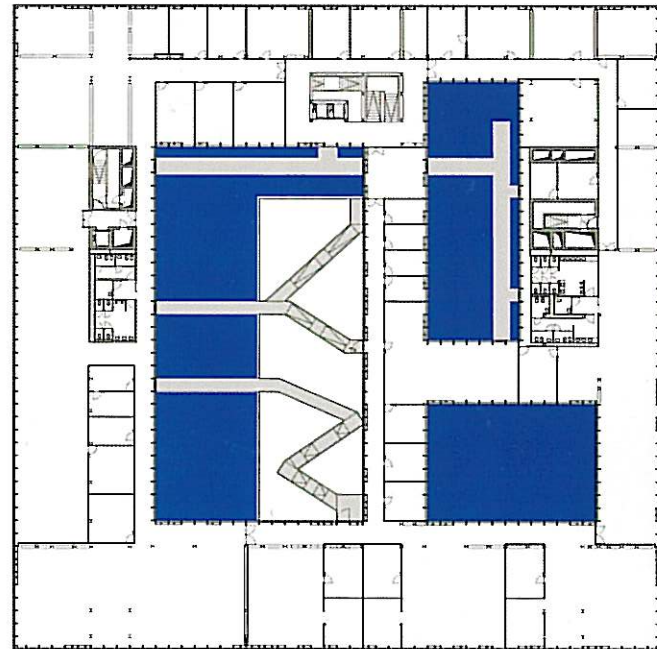




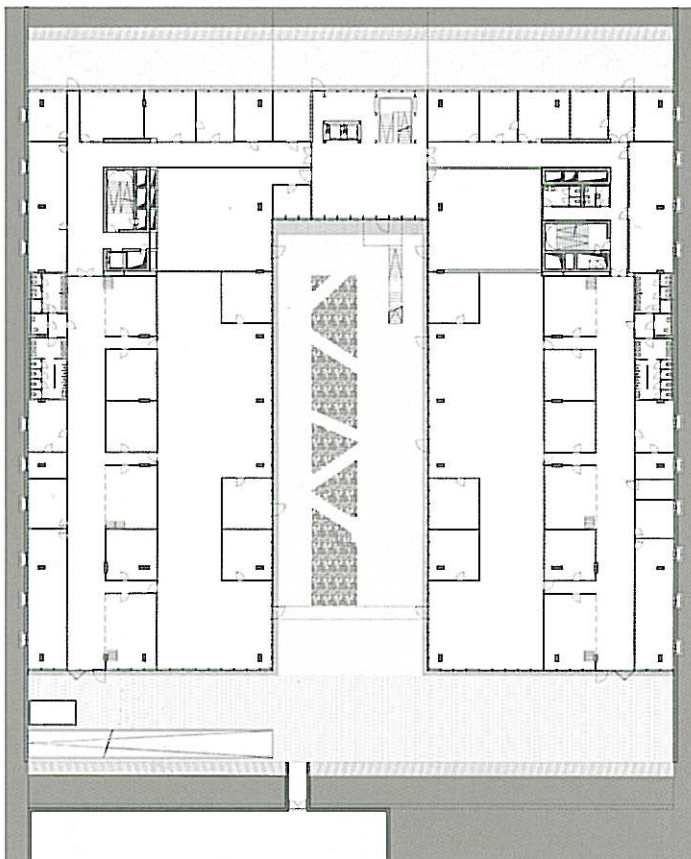




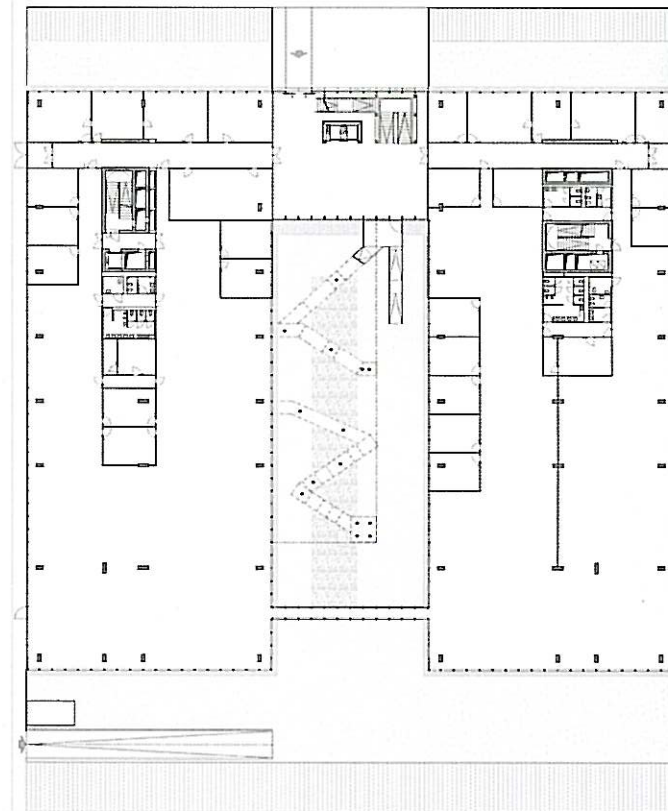
Floor Level +1



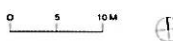
Floor Level +2



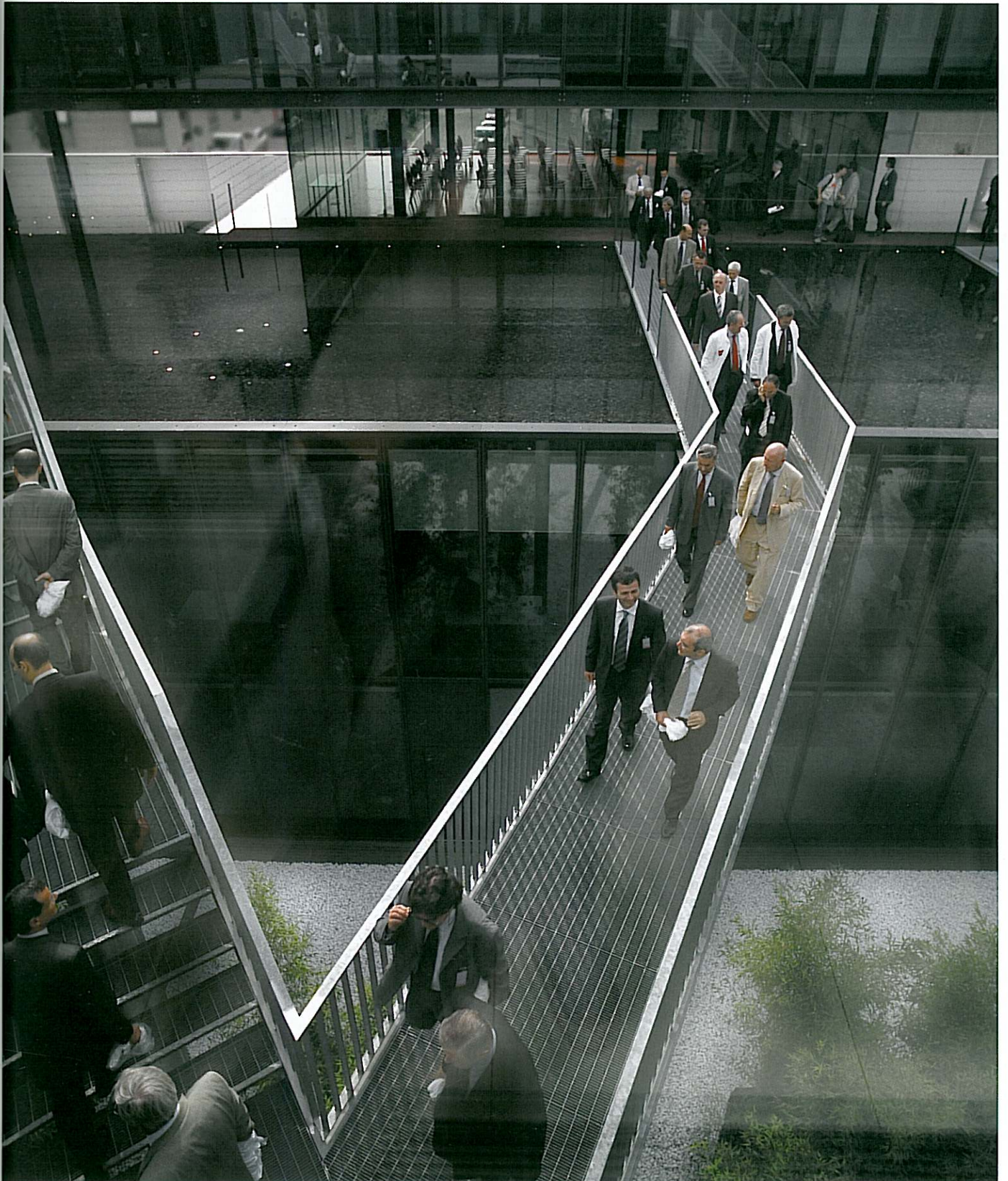
Floor Level -1



Floor Level +0











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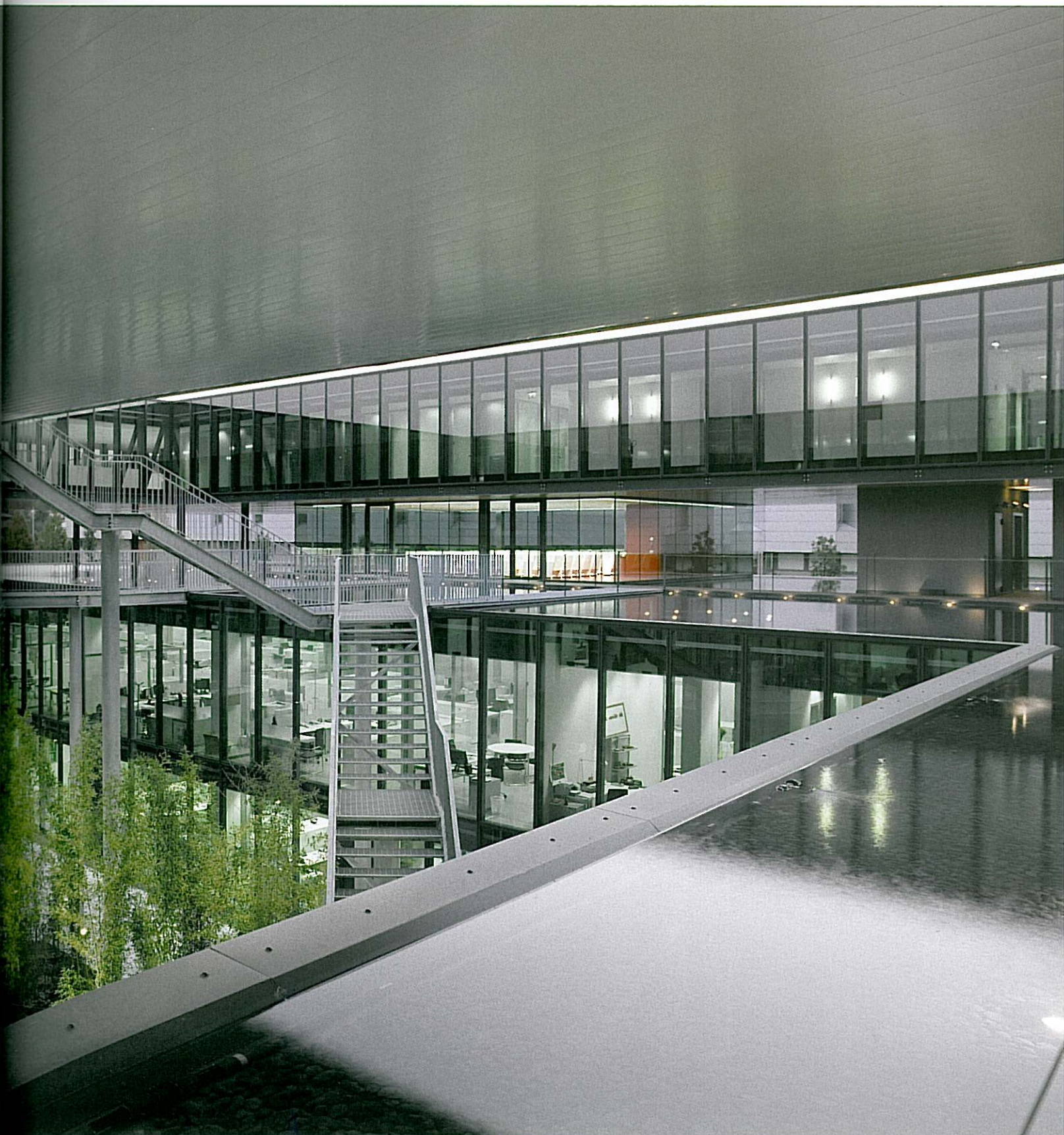


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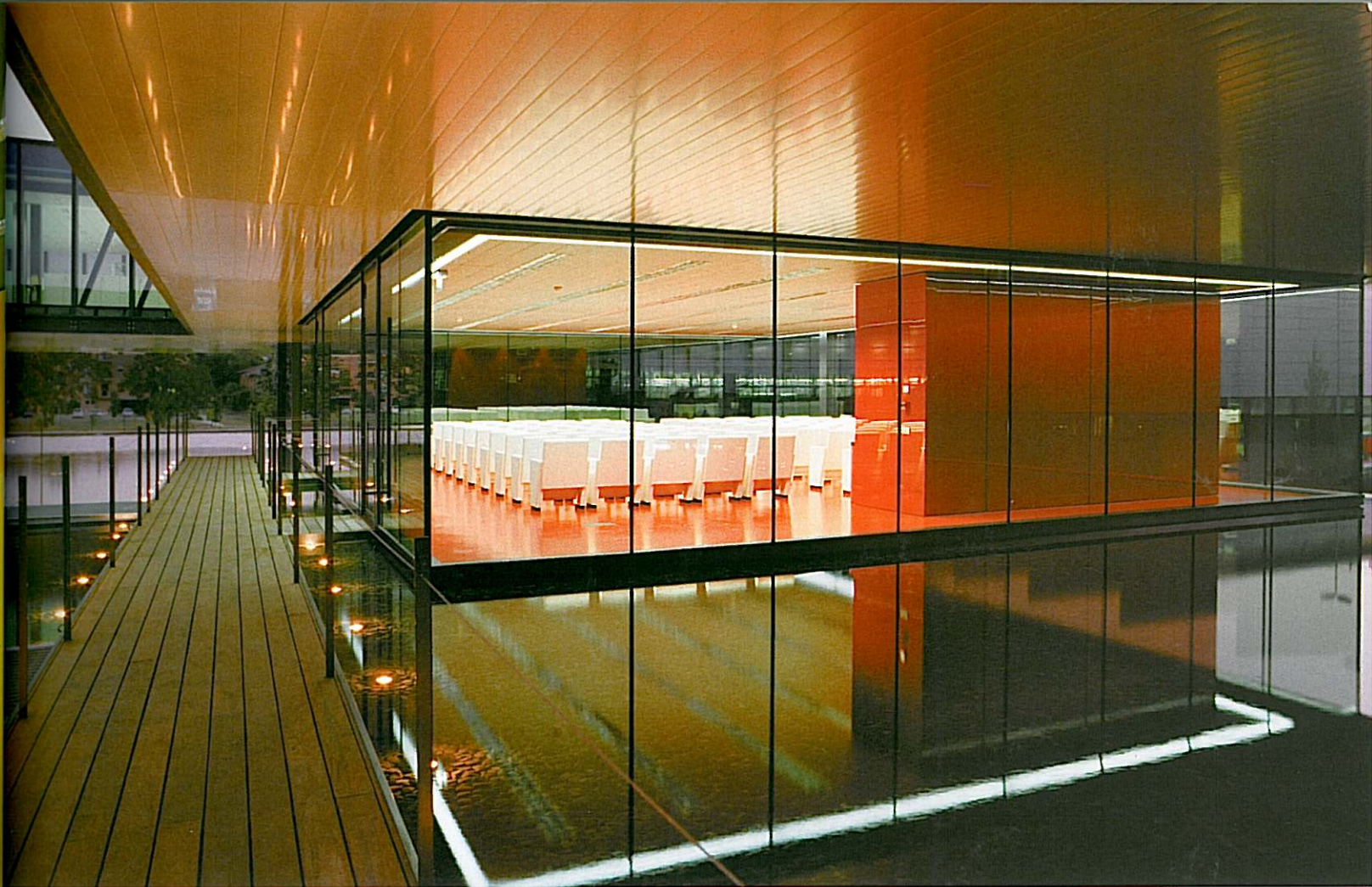


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