

Public Incubator

P5 Presentation, Jeroen Dijkgraaf

TU Delft; Public Building

26th June, Room T



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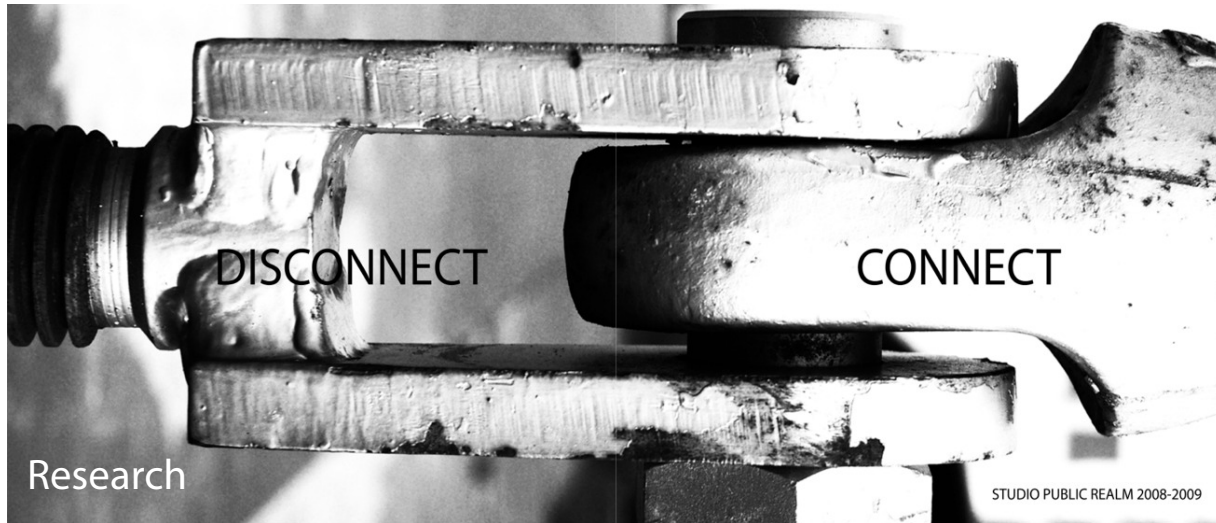
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La Ramblas, Barcelona

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A photograph of a bustling outdoor market. In the foreground, a man in a dark shirt and blue apron is preparing food, possibly a sandwich or burger, on a counter. He is looking down at his work. To his left, a crowd of people is gathered, some looking towards the camera and others looking away. The background shows more market stalls and people, creating a sense of a lively public space. The lighting is bright, suggesting daytime.

How can I establish new relations between public space and urban economy, in order to meet Rotterdam's social, political and economic problems and needs?

The market as public space

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Research question



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Lijnbaan

Weena

Delftse straat

The location

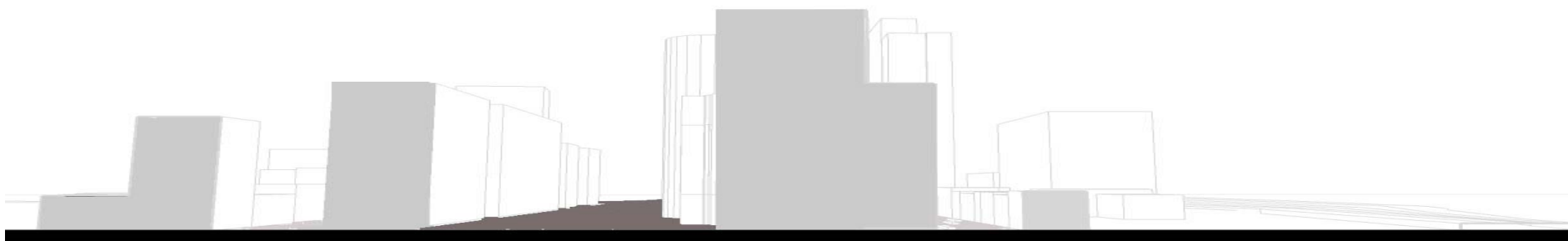
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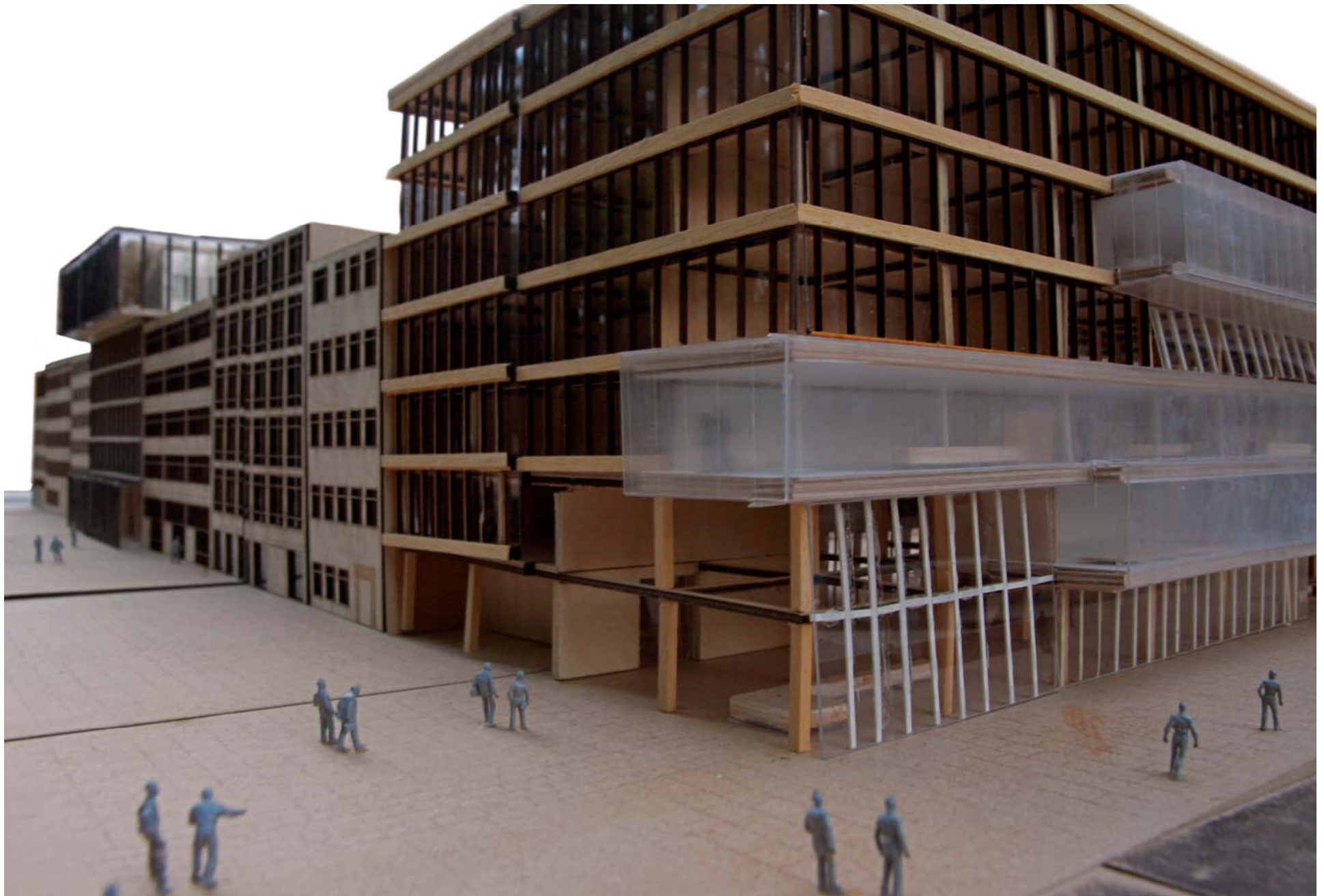
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The Perimeter block



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Potentials of the existing structure



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Block



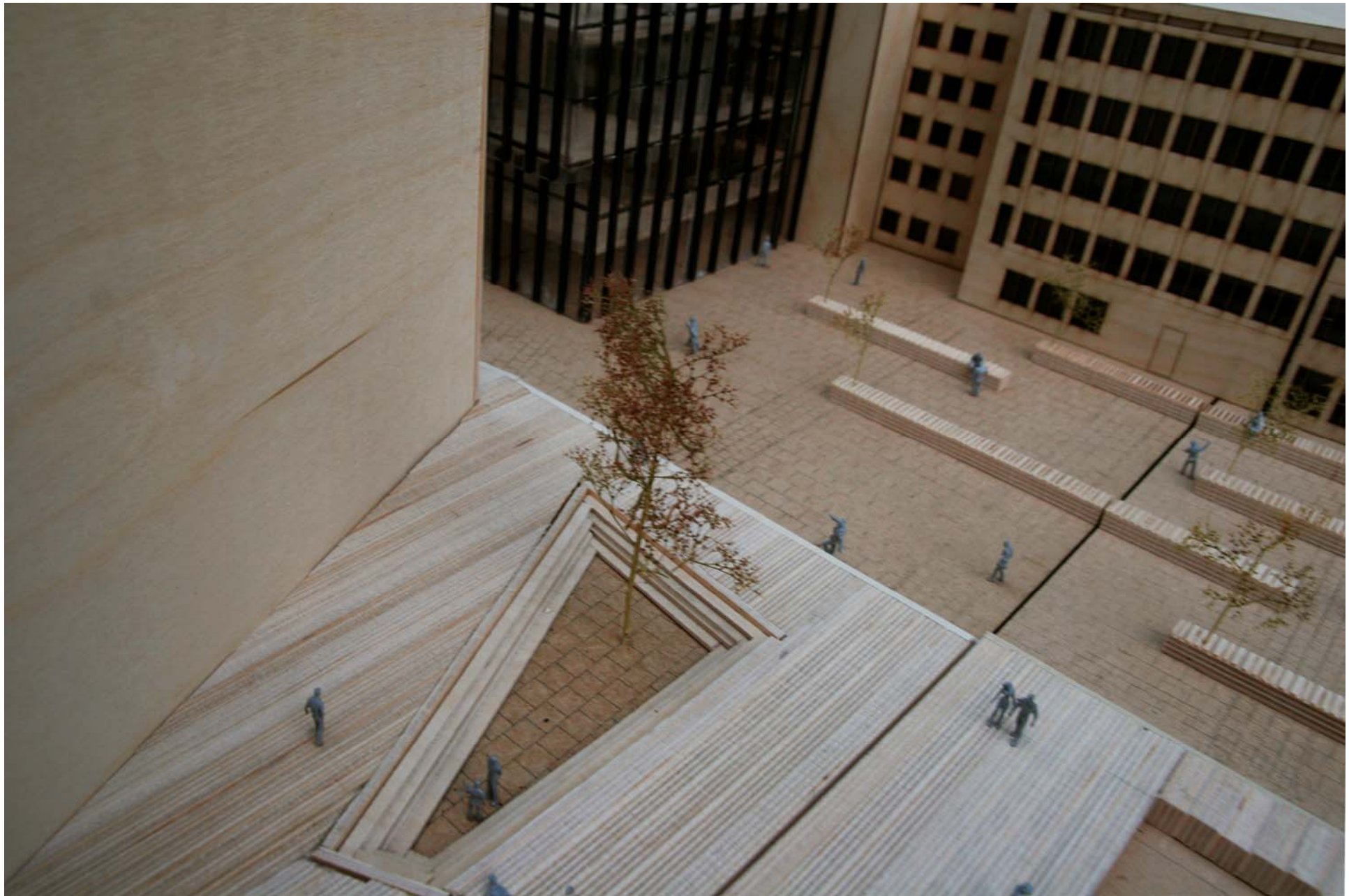
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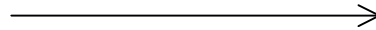
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Program



Collectivity and density



Innovations

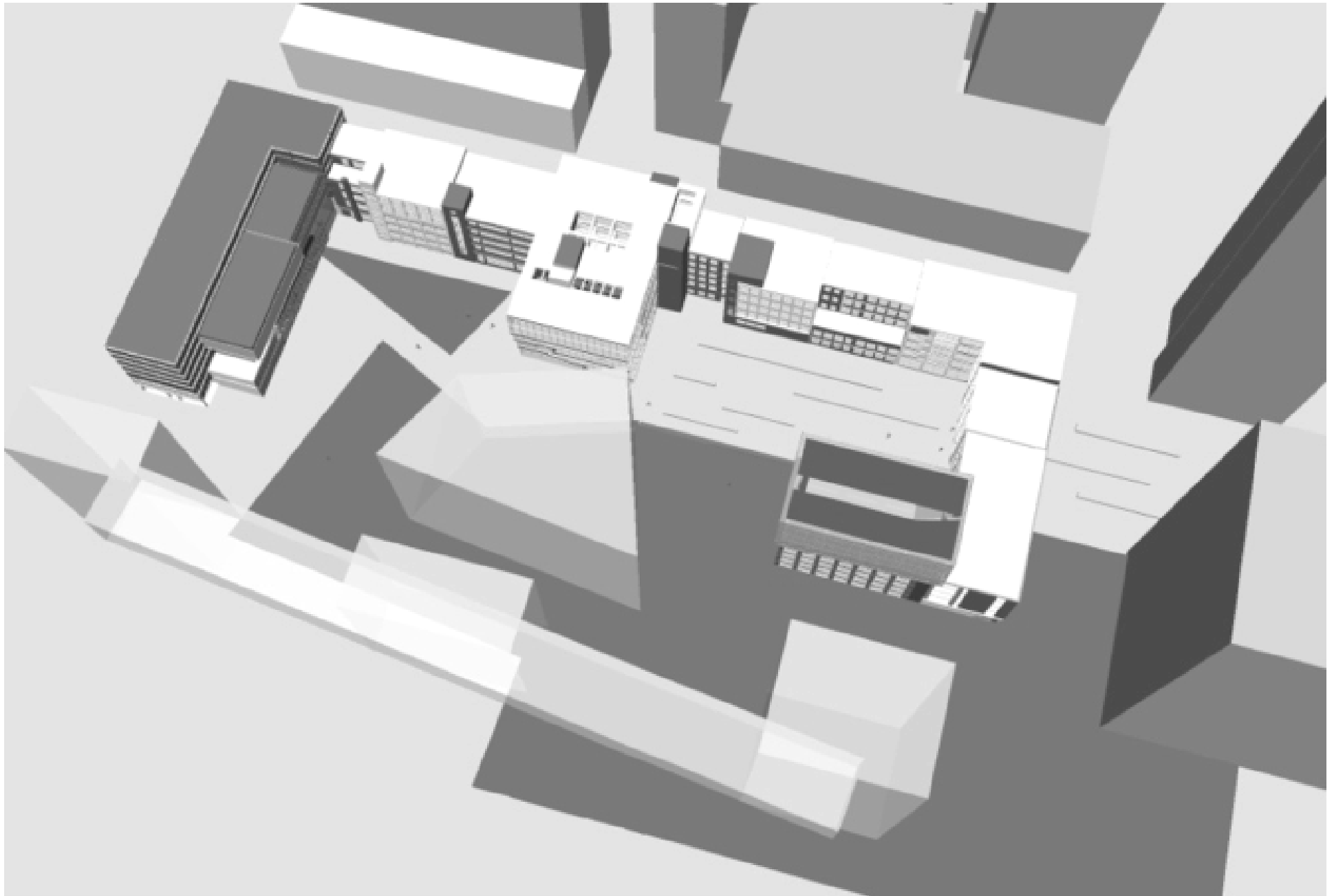
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Three theme's



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What is orientation?

Orientation is a process that deals with the exchange of information and knowledge. This process can create a spin-off between the public and urban economy and therefore this forms the main concept of the building.



Passage Vivienne



Galleria Vittorio Emanuele

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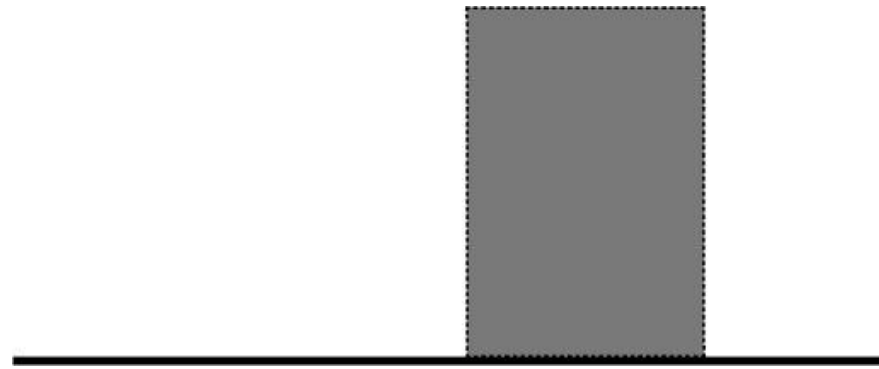
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Passage

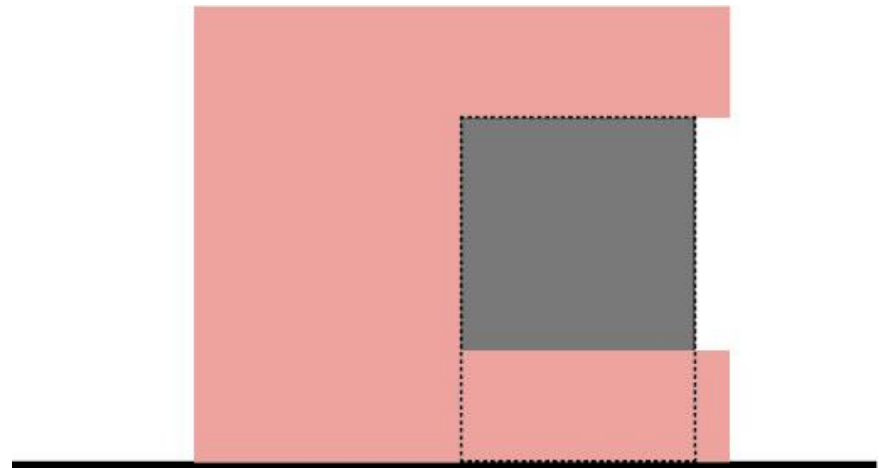


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Existing structure

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Old structure – Urban economy



Adding public life

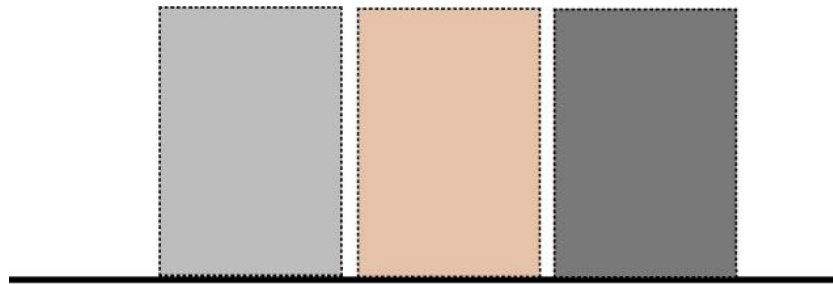
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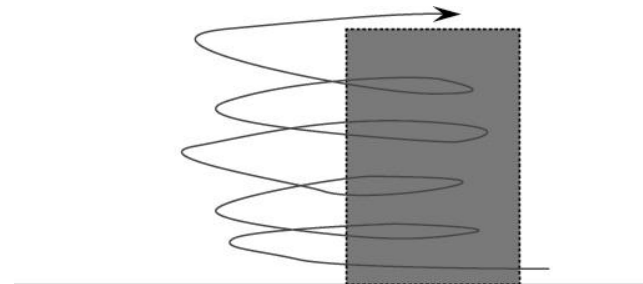
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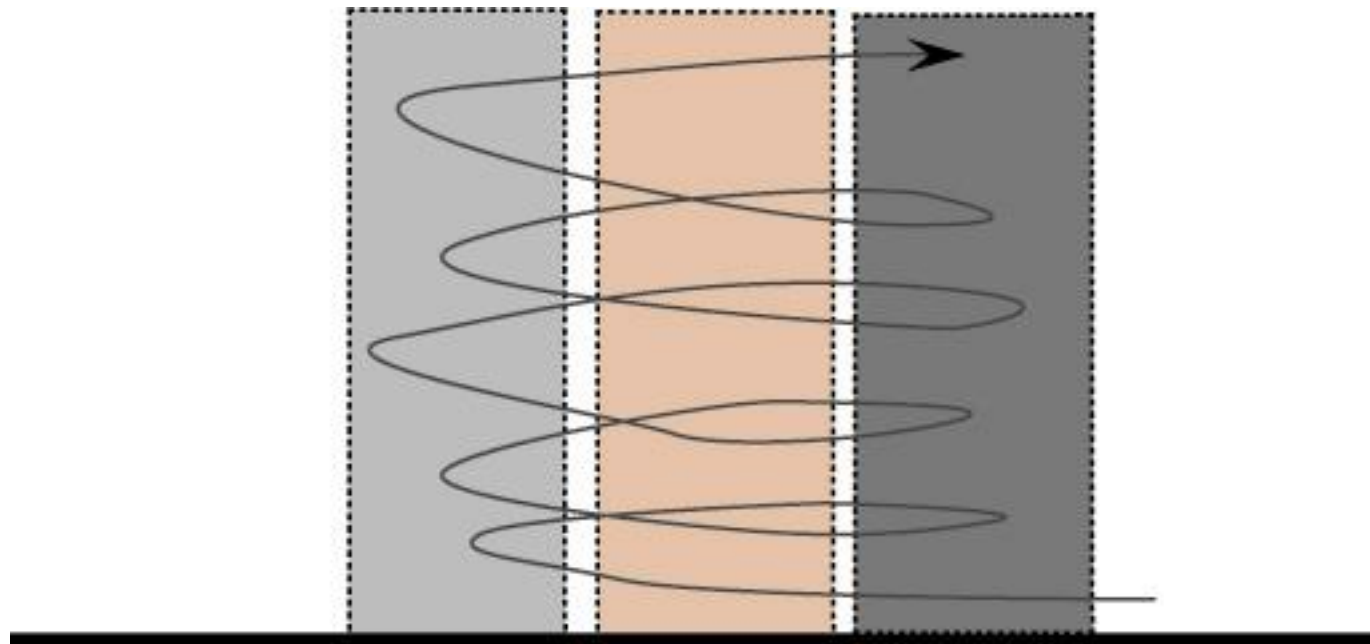
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Programmatic separation



Routing



Concept of the building

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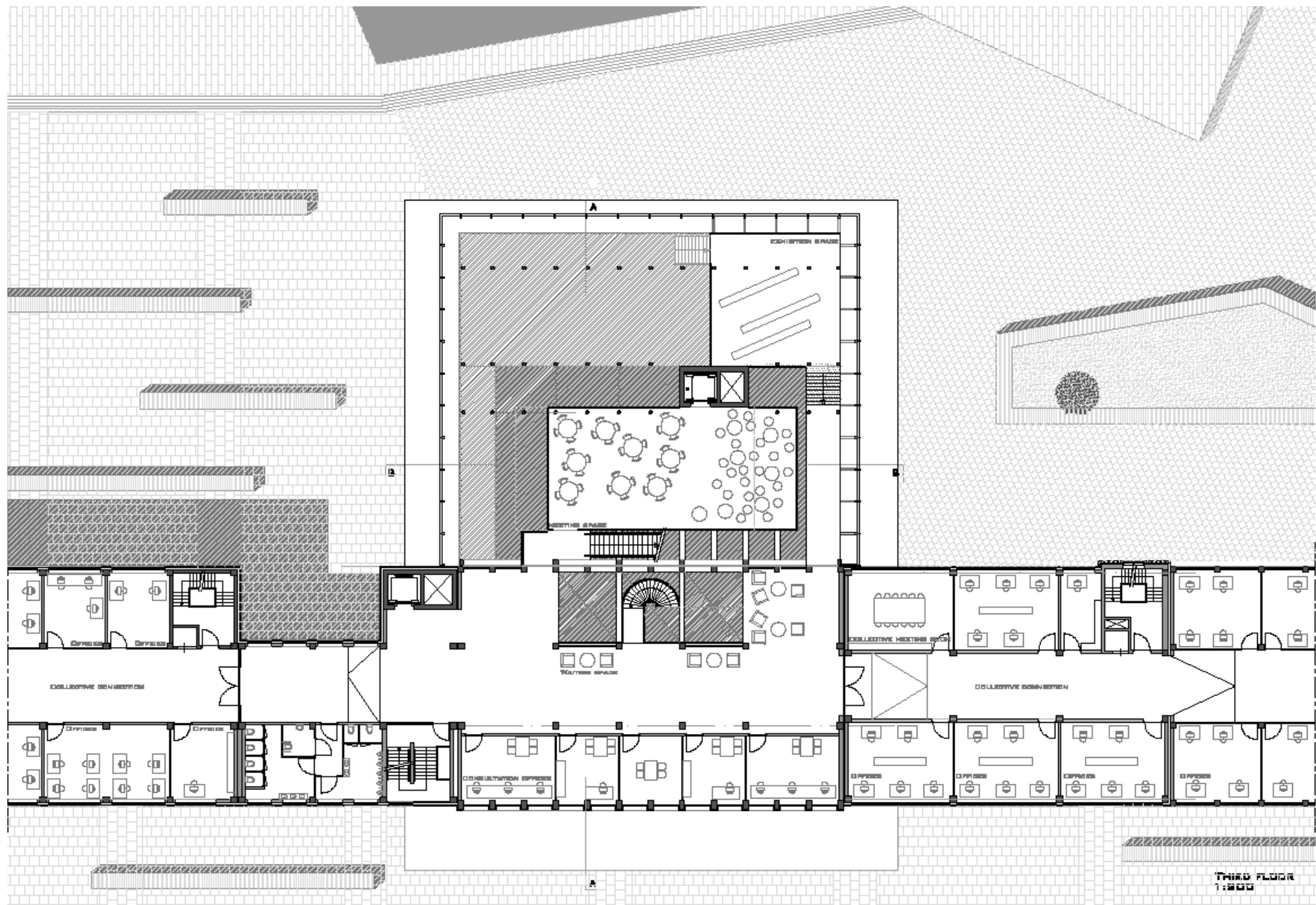


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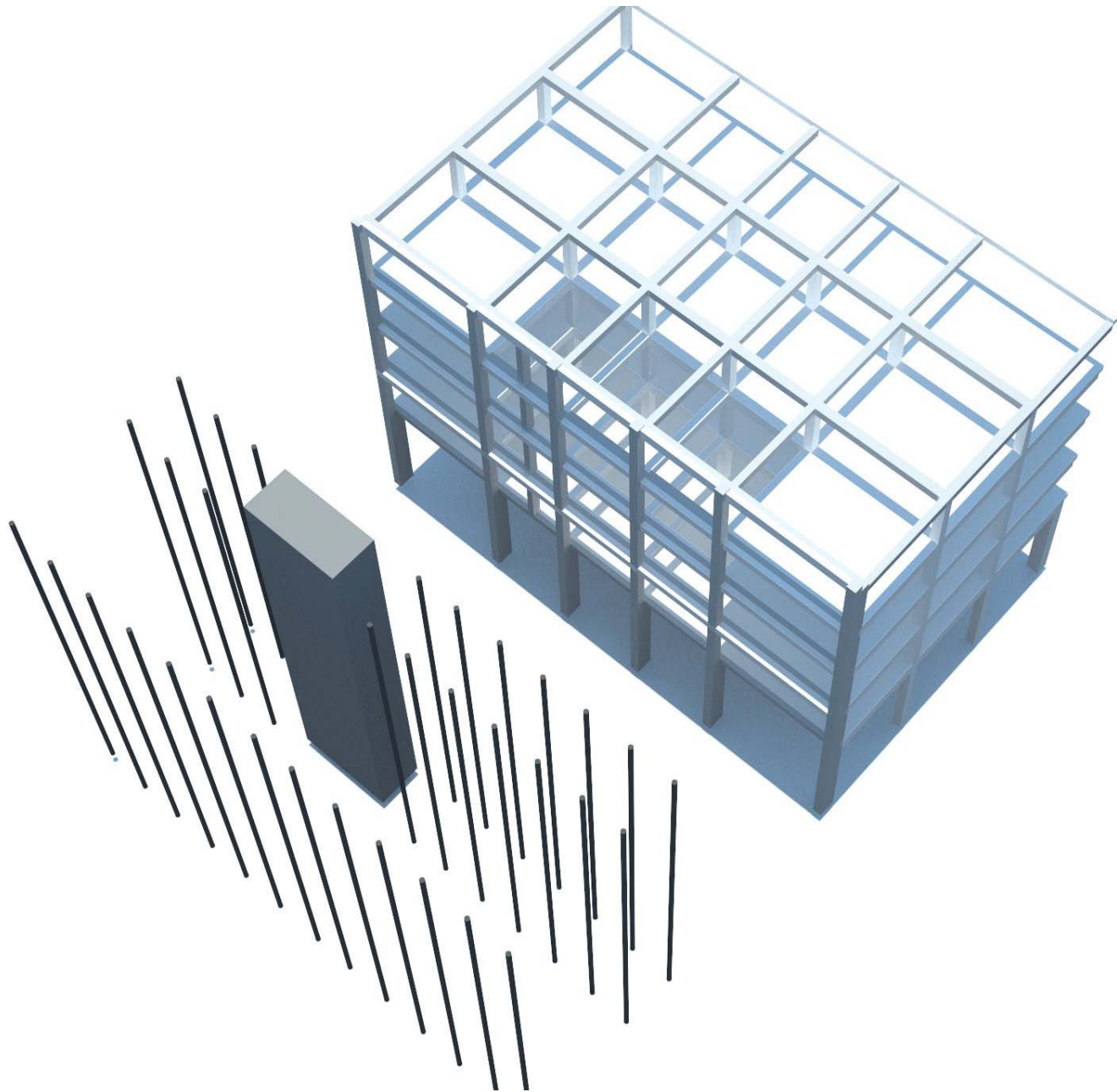
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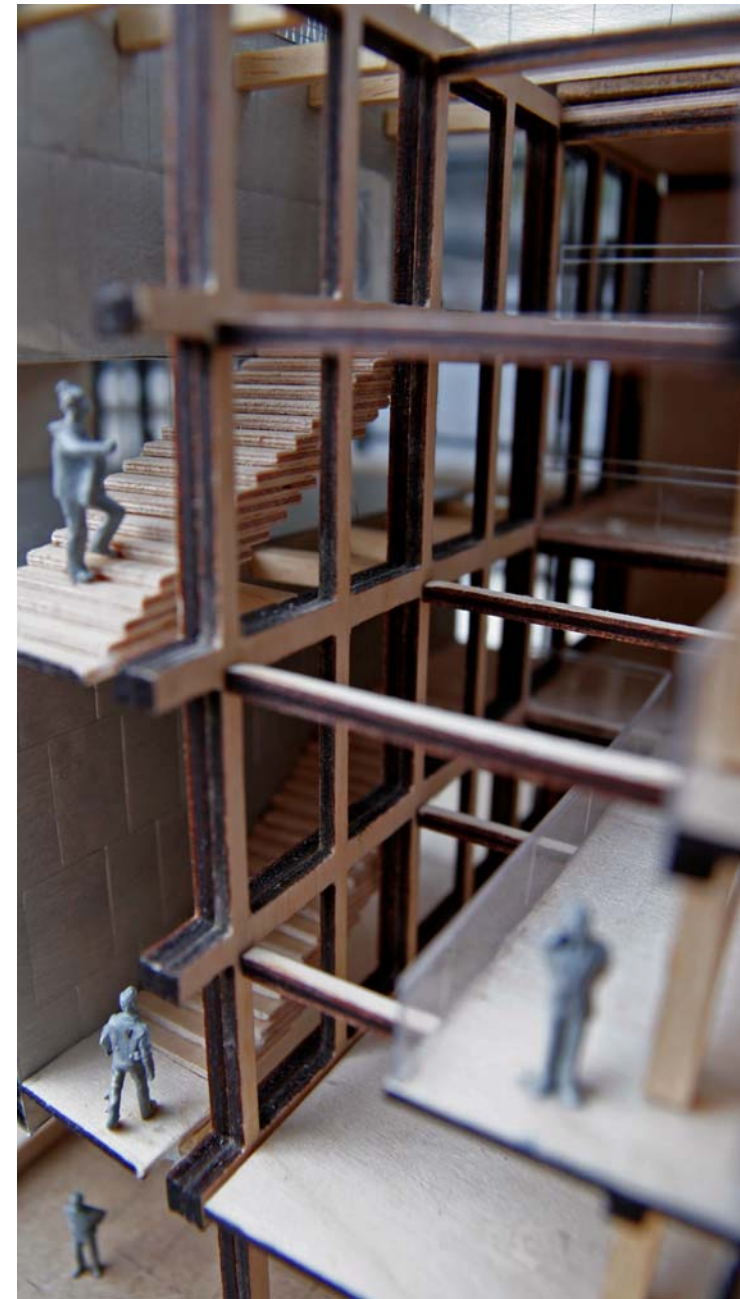
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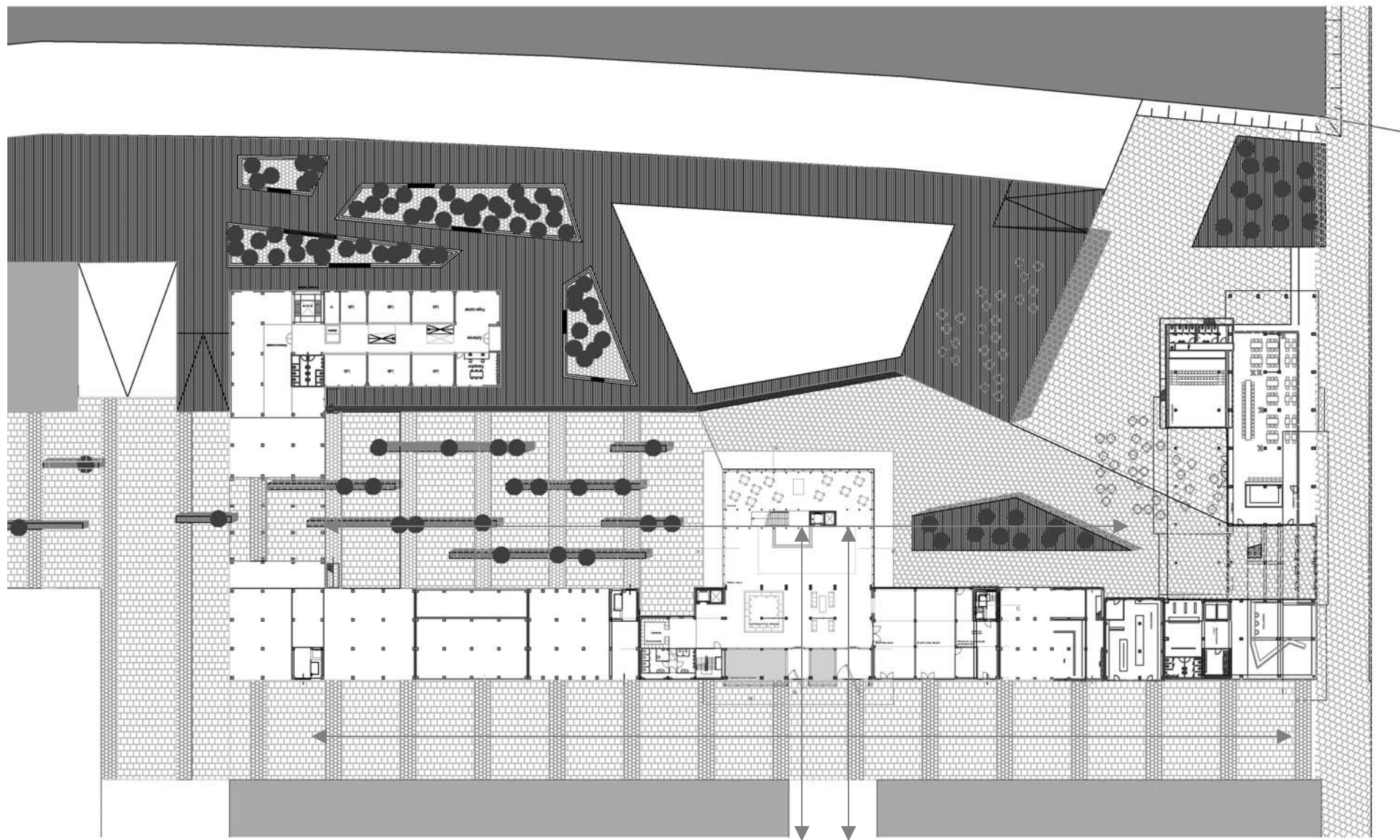
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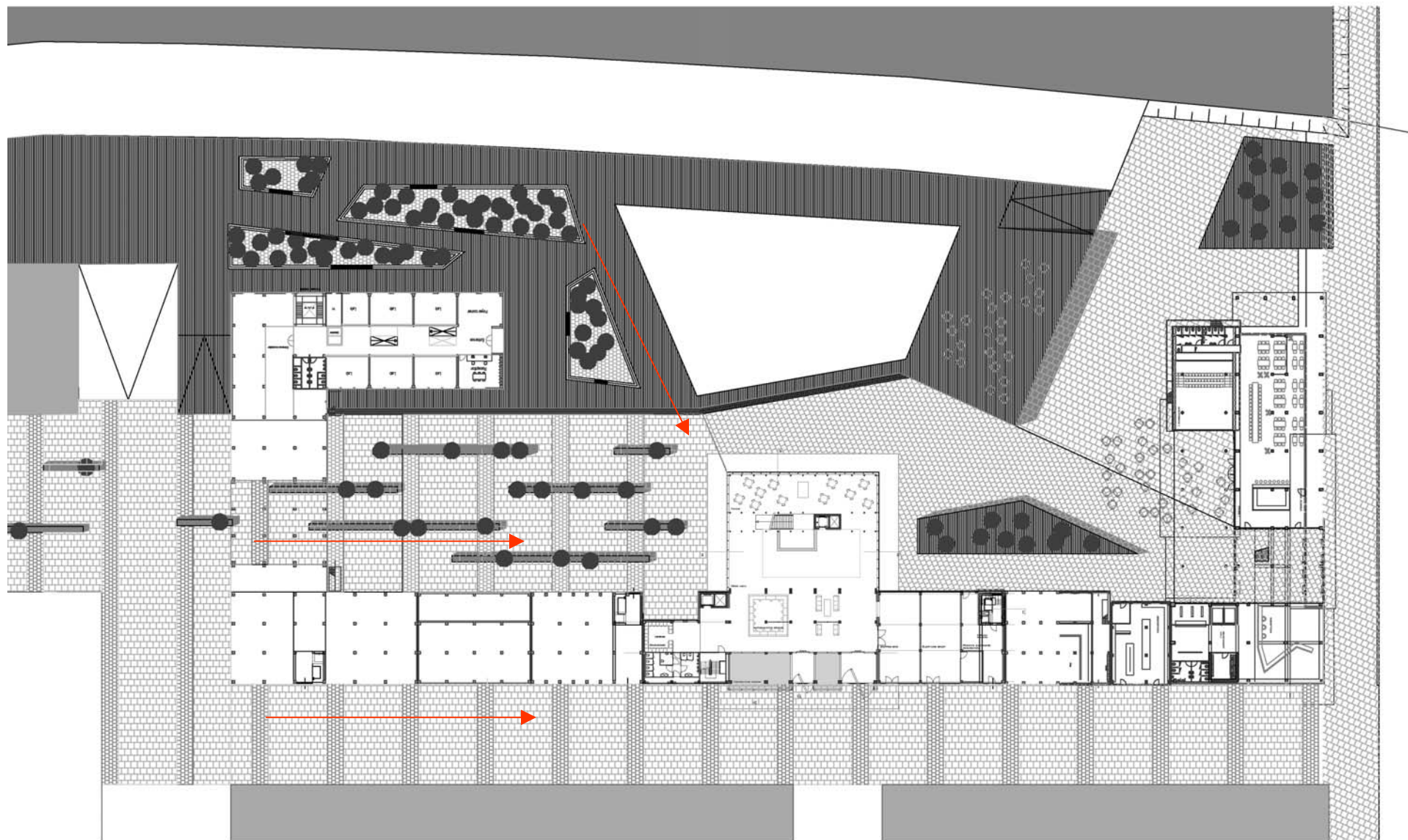
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Situation and approach



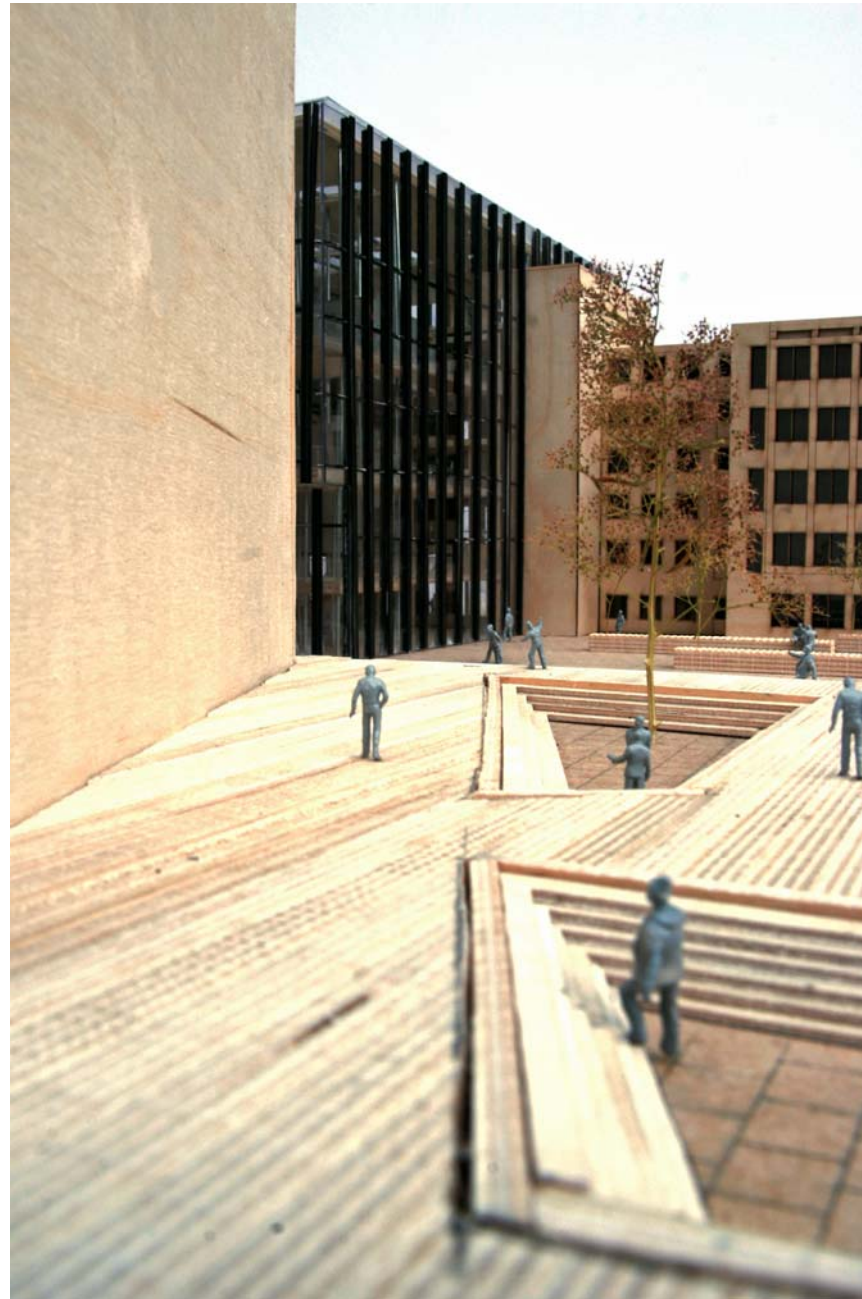
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Situation and approach



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Situation and approach – front façade



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Situation and approach - Corridor



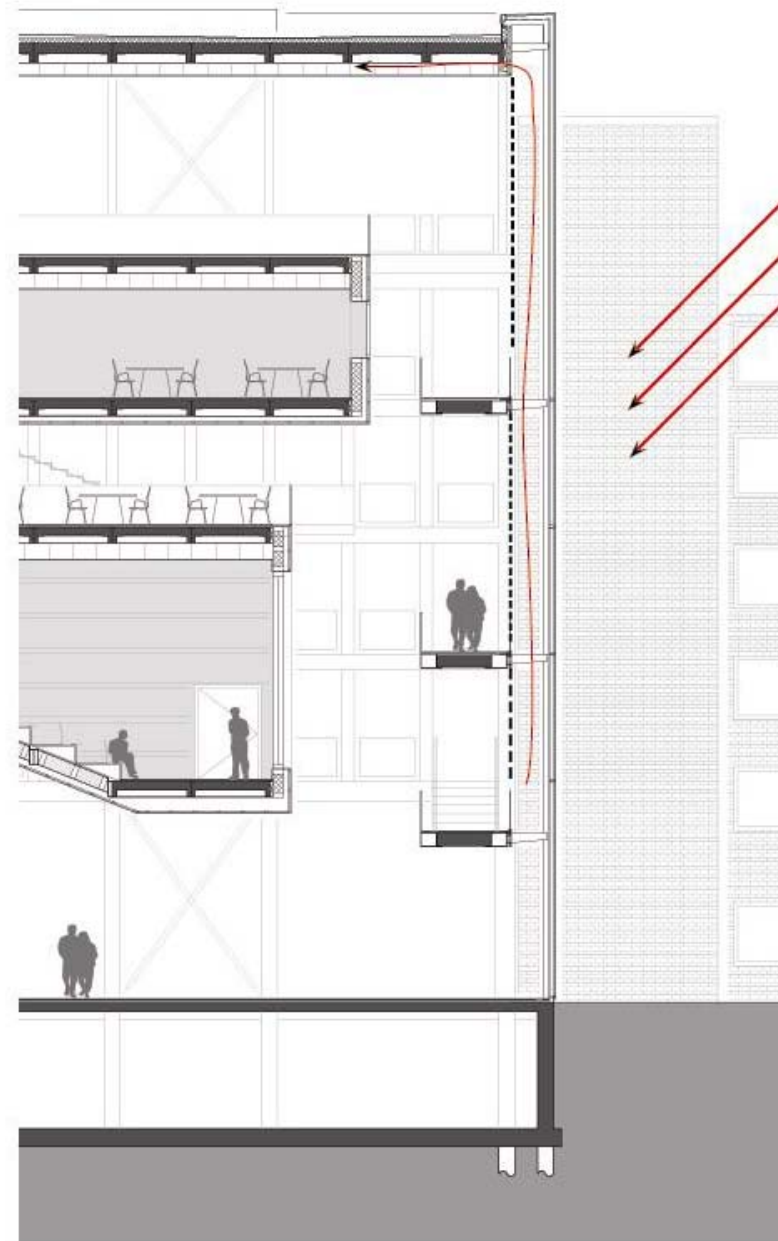
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Situation and approach - Fragment



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Composition and facade



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Composition and facade



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Installation concept façade

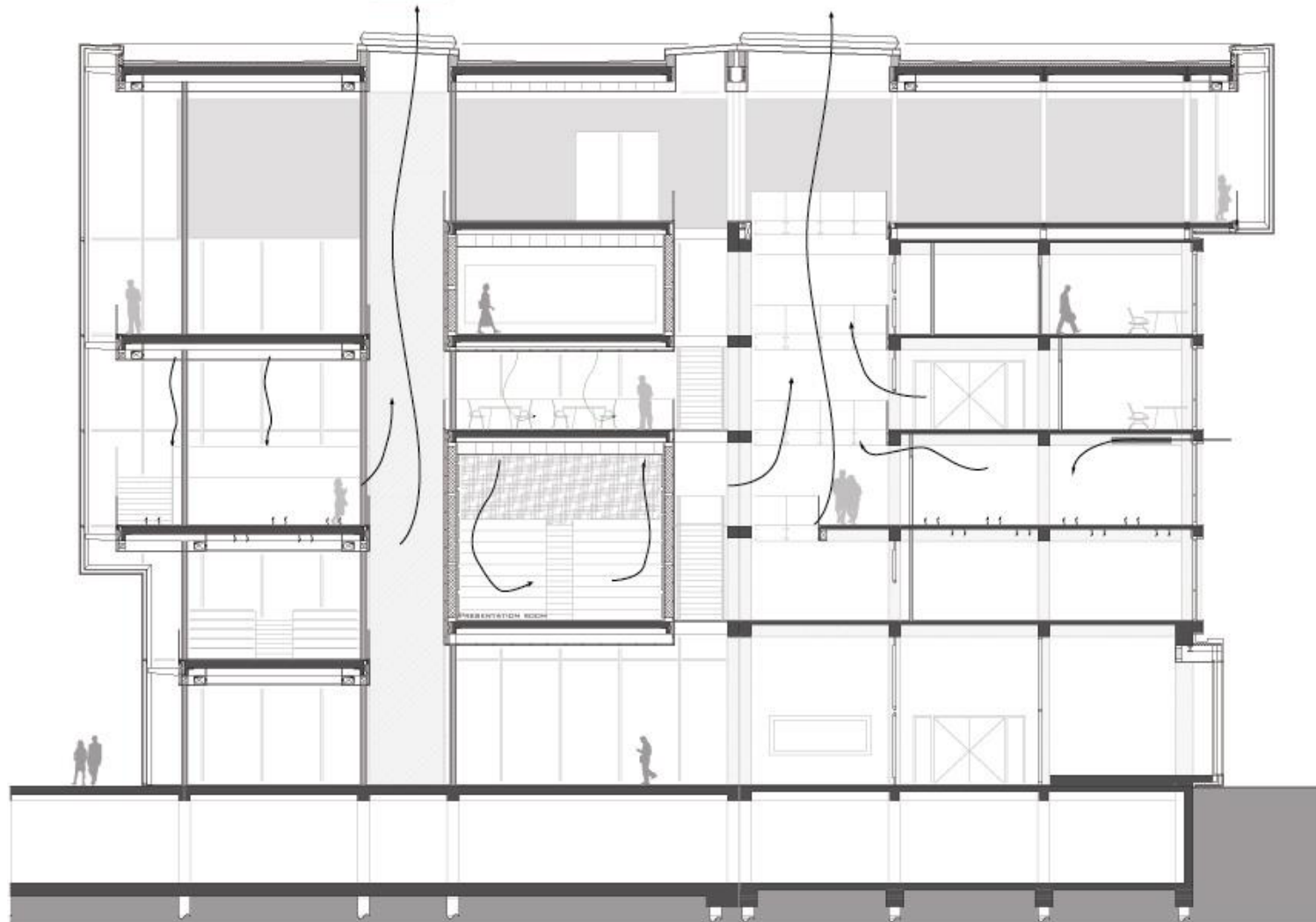
- Concrete core activation
- Mechanical air input

- Mechanical air input
- Heating through air

- Ventilation through an induction unit
- Concrete core activation within the compression layer

- Natural air output
- Heatpump

- Natural air output
- Heatpump





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