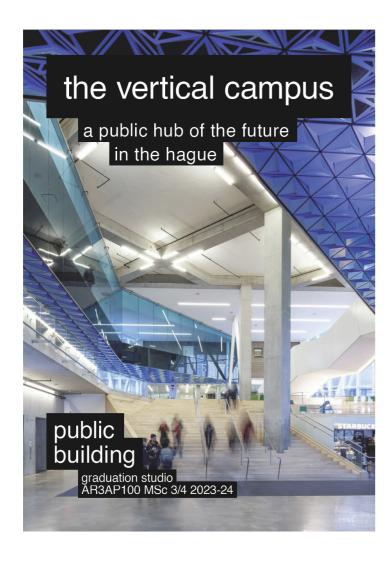




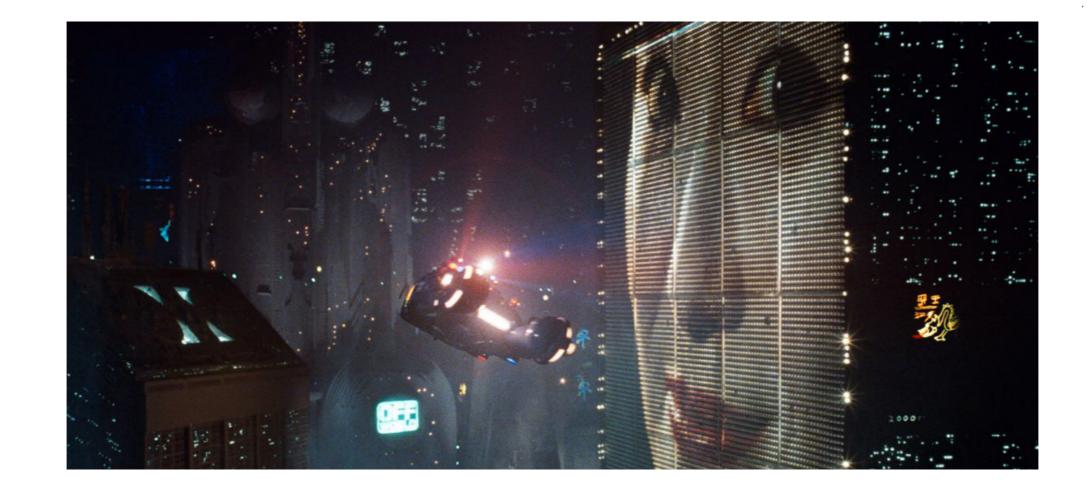
Task



'The Graduation Studio's assignment is to design a hybrid building for **higher education** in the center of The Hague. The design should facilitate and encourage public interaction between citizens, businesses, governmental institutions, and (with emphasis on) **university curricula**.' higher education

university curricula

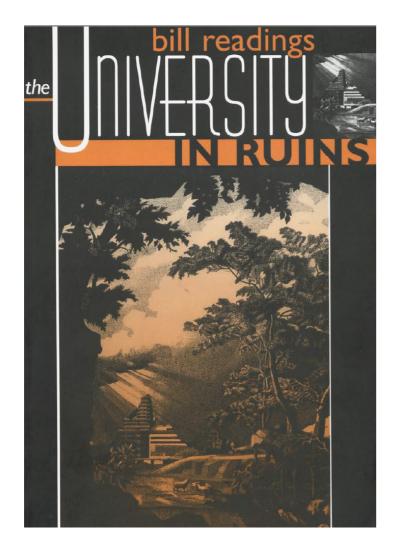
Research



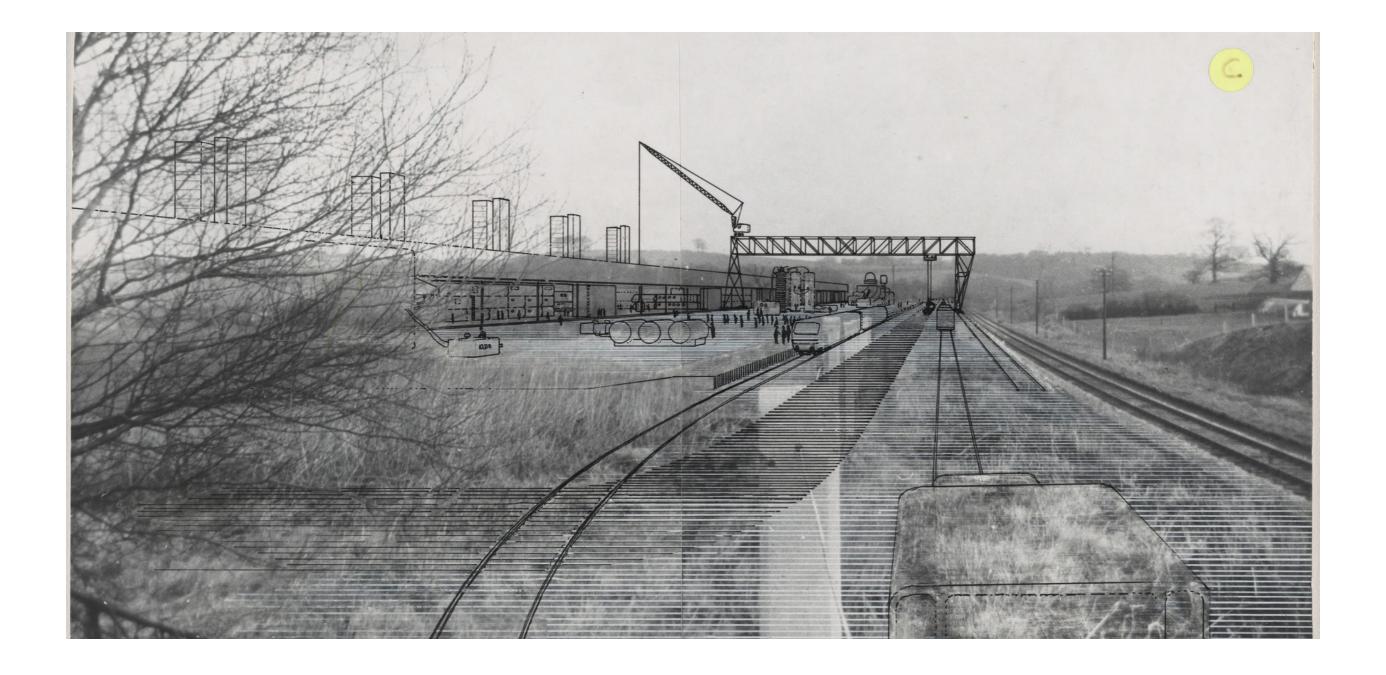
"Recall your favorite sci-fi books or movies. Most of these are very imaginative when it comes to transportation (hoverboards, teleportation and time traveling De Lorean), weapons and even sexual recreation. However, when it comes to **education** – **almost always students physically congregate in a dedicated space, where they are taught to by a master, even if that master is an alien or Al.**" Tonko Bonković

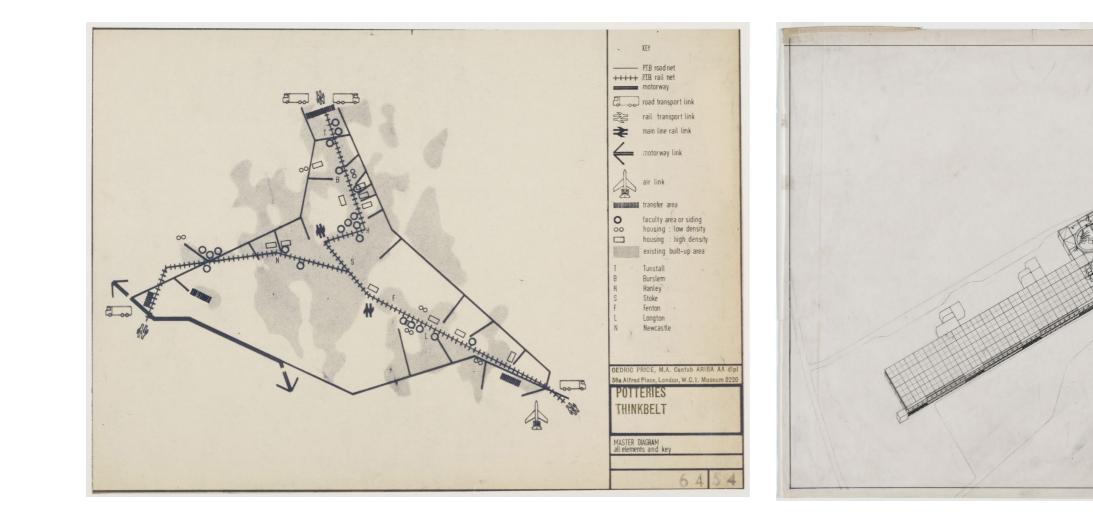


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...wider social role of the University as an institution is now up for grabs. It is no longer clear what the *place of the University is within* society nor what the exact nature of that society is, and the chaning institutional form of the University is something that intellectuals cannot afford to ignore...







...during the 1990s it became clear that education is a **fundamental economic factor in advanced capitalism**. As such it could no longer be sustained as a publicly funded educational system but was susceptible of being traded as a **commodity.** 

...universities are **factories that produce subjectivity** which is addressed to the precarious student-workers: socially mobile, able to cope with all sorts of unstable conditions, and ready to **jump** from one knowledge domain to the other according to opportunities...

## Knowledge is now a marketable commodity.

comodity\* - a substance or product that can be traded, bought, or sold

## Knowledge is now a marketable commodity.

comodity\* - a substance or product that can be traded, bought, or sold



Primary:

# How to design for educational system of the future and consequently its spaces that respond to the concept of future higher education?

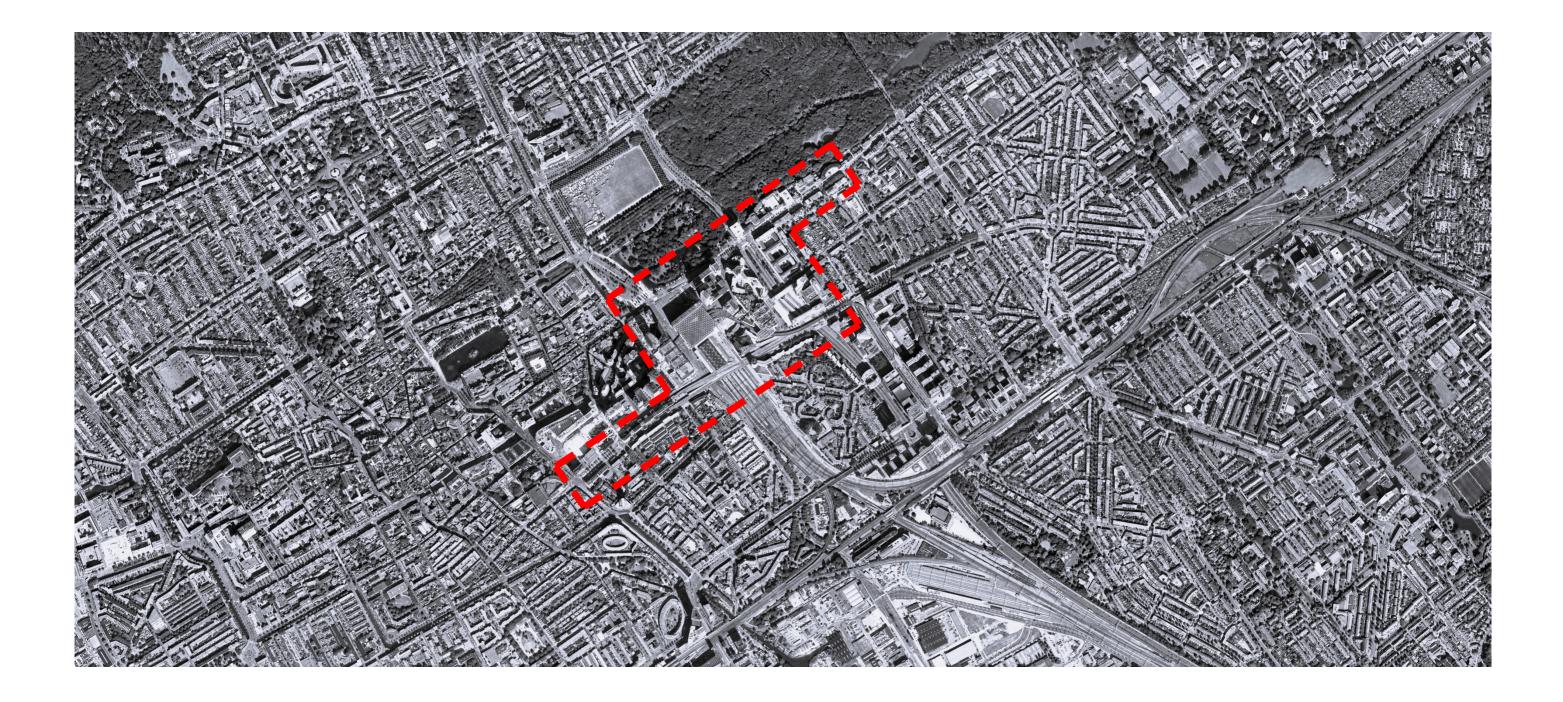
Secondary:

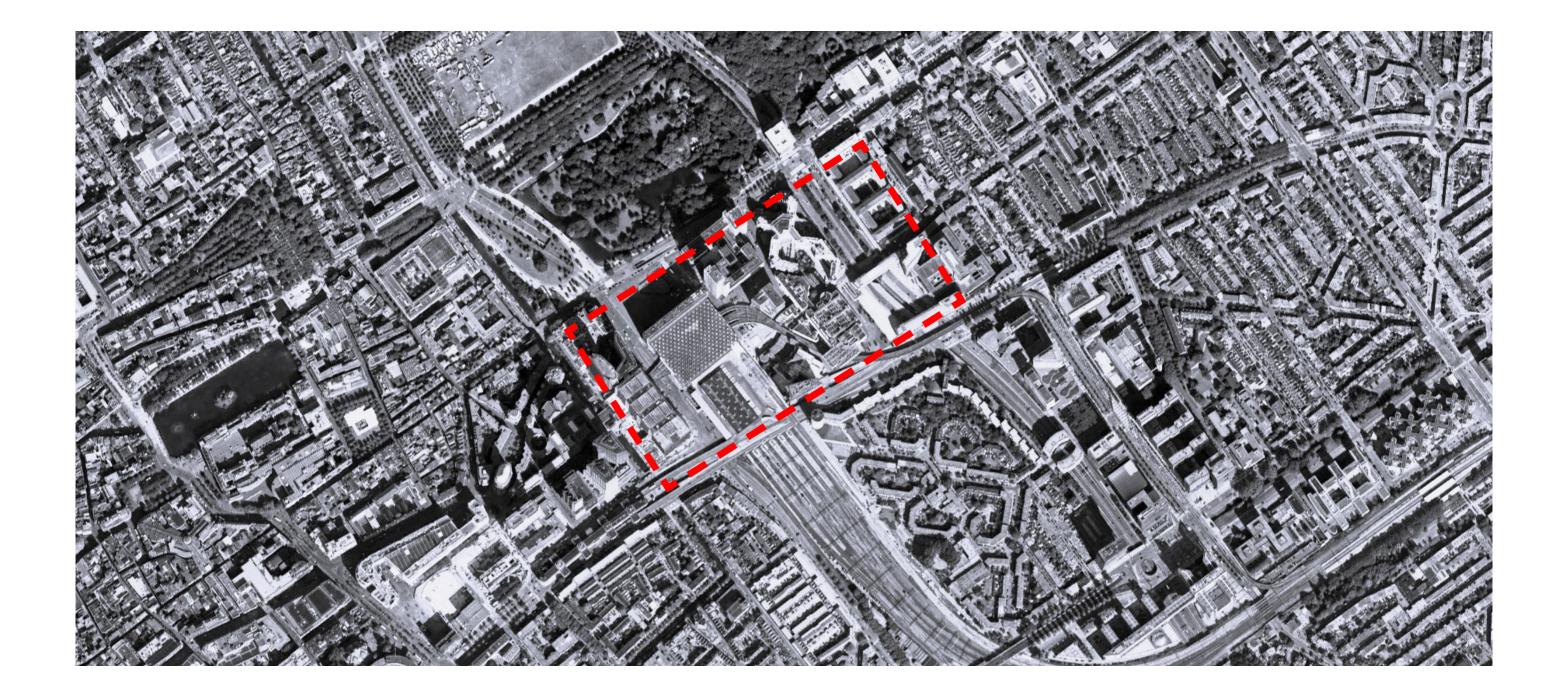
What is the role of an architect in remaining educational system?

What is the future role of university and campus as its formal manifestation?

Tonko Bonković

Context











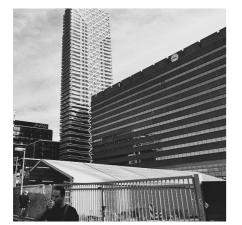














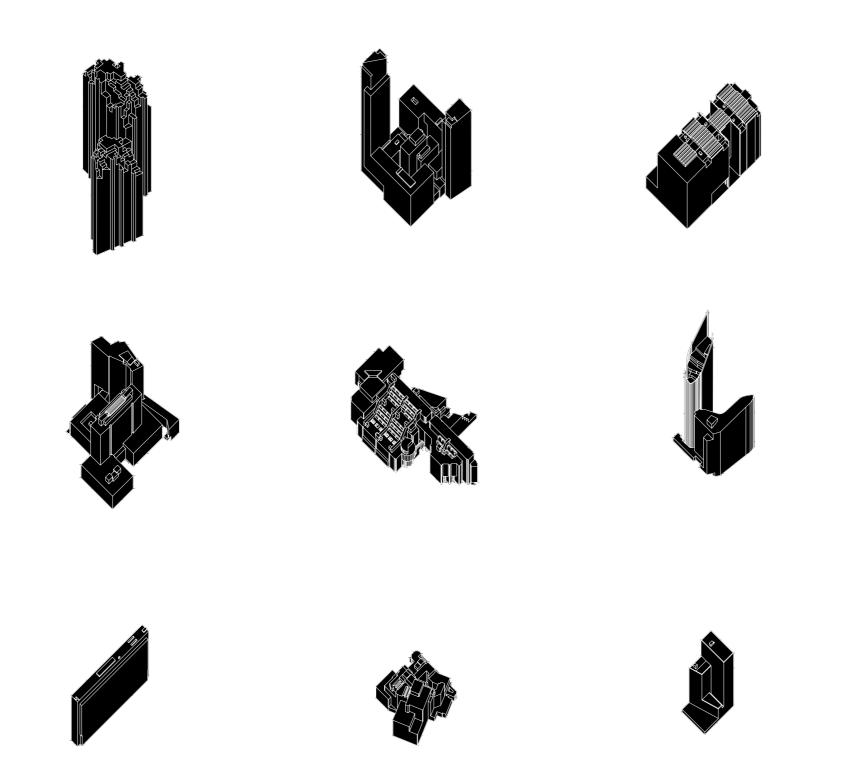




Tonko Bonković



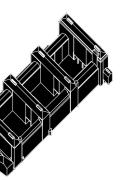




Tonko Bonković



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AR3AP100









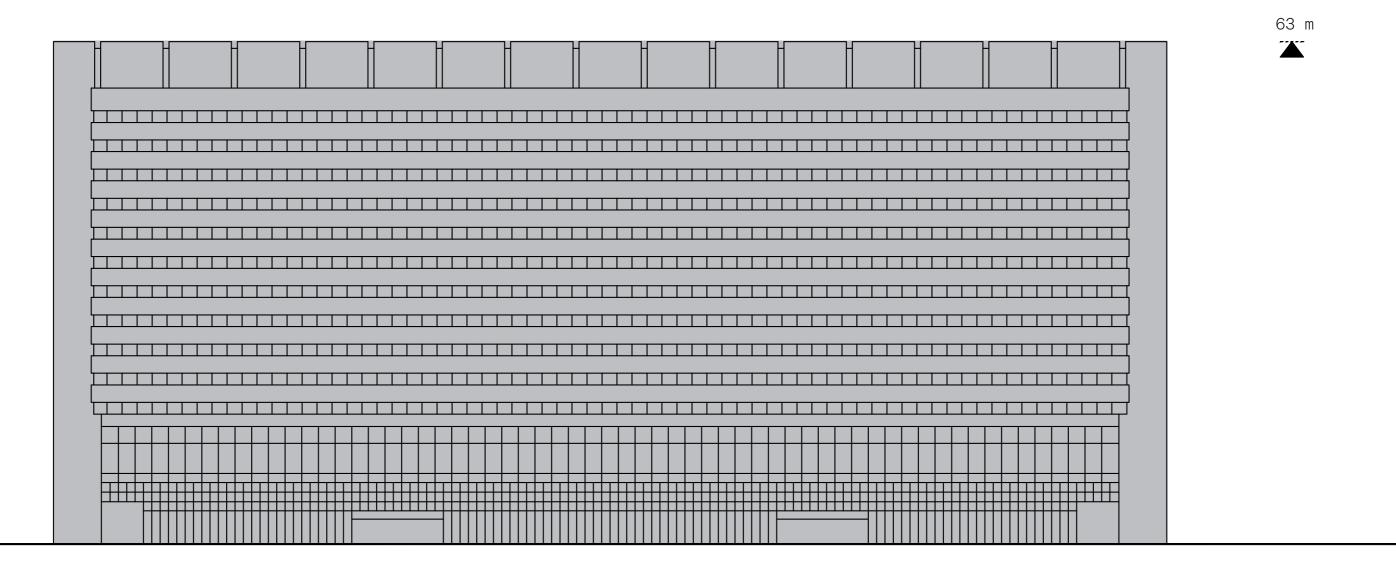


### Stichthage / (The Slab)

Koen van der Gaast & Hans Bak brutalism year: 1970-1975 h= 63 m P= 30 000 m2



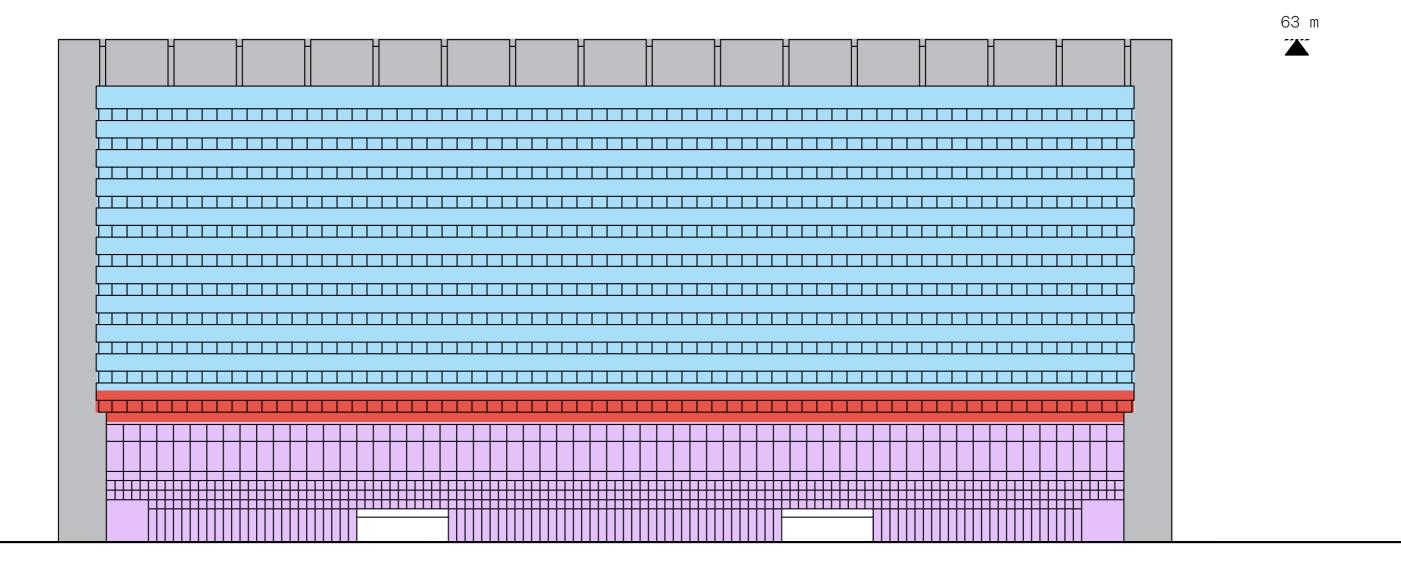




Tonko Bonković

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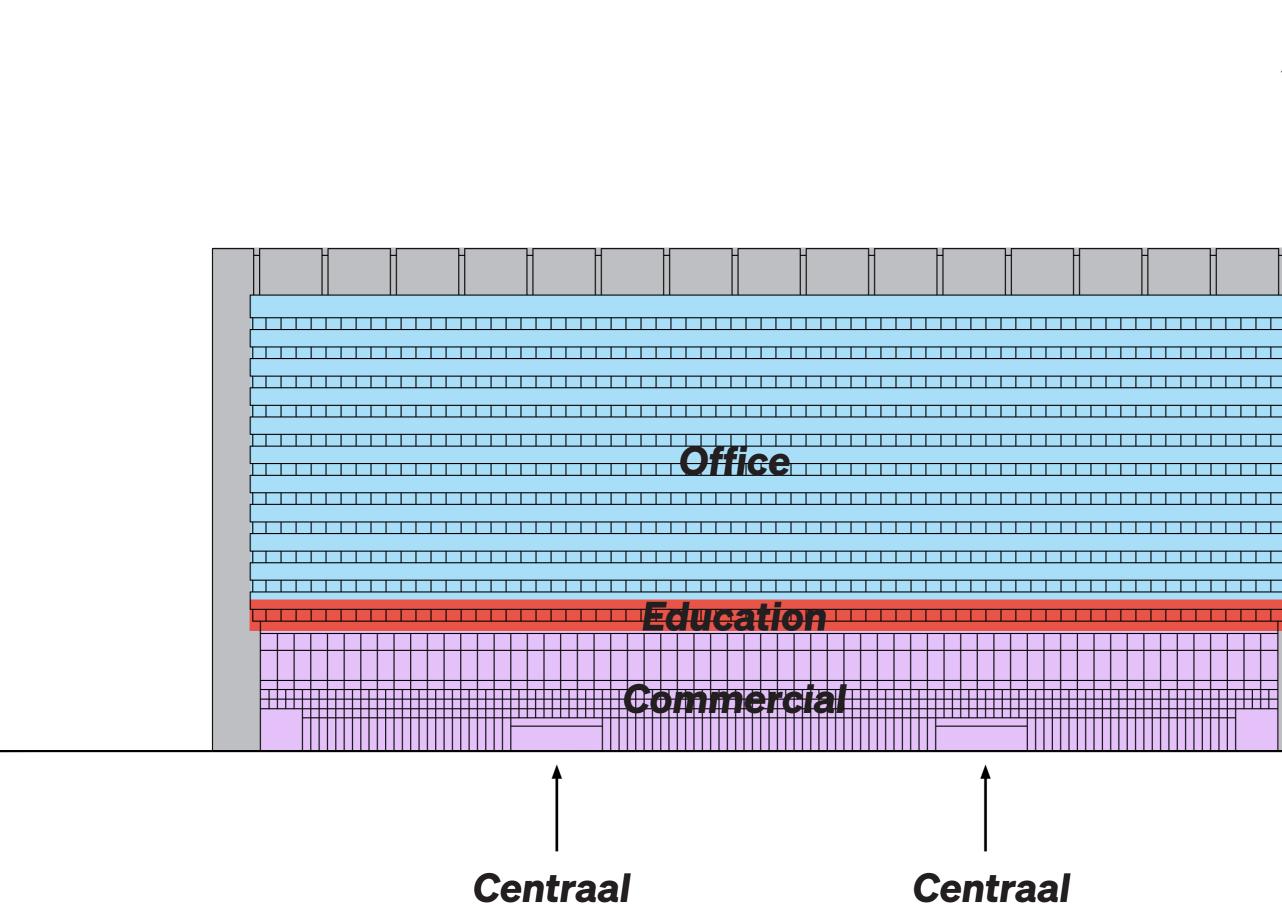
25/117



Tonko Bonković

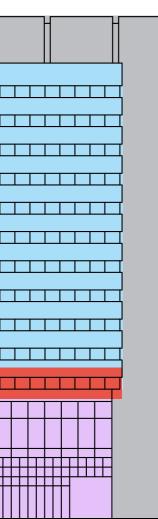
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26 / 117

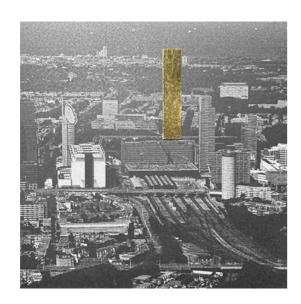


Tonko Bonković





**Design exploration** 













Tonko Bonković



AR3AP100



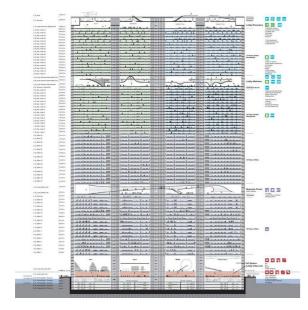
Tonko Bonković



In this essay I try to do so by drawing a contrast between two kinds of systems, one closed, the other open. By a closed system I mean a system in harmonious equilibrium, by an open system I mean a system in unstable evolution. My argument is that the closed system has paralysed urbanism, while the open system might free it...

Closed system ... system in harmonious equilibrium
Open system ... system in unstable evolution

#### OMA Dubai Renaissance



### open / abstract / **generic**

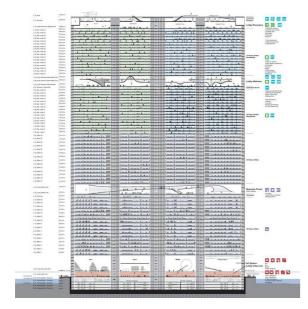
#### Х

closed / absolute / **sublime** 



Pantheon

#### OMA Dubai Renaissance



### open / abstract / **generic**

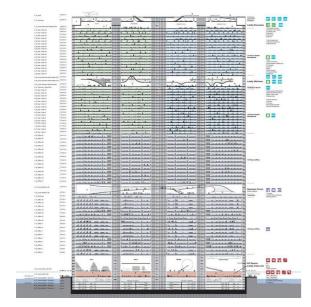
X = SYSTEM

closed / absolute / **sublime** 



Pantheon

#### OMA Dubai Renaissance



open / abstract / **generic** 

X

=

closed / absolute / **sublime** 

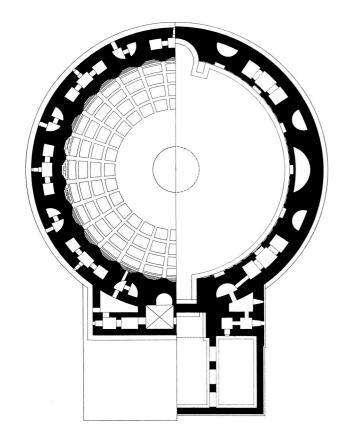
SYSTEM 1. Create the knowledge 2. Archive the knowledge 3. Transfer the knowledge

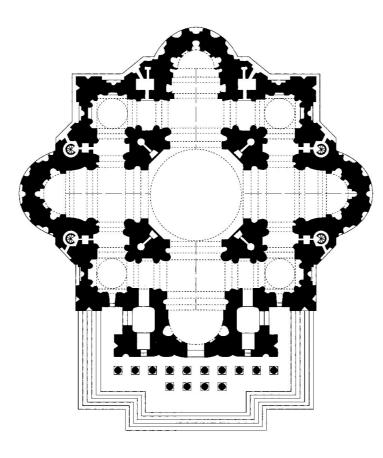


Pantheon

Tonko Bonković

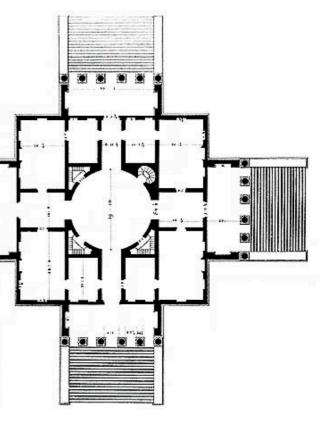
## **Program** - aim of university campus





Panteon

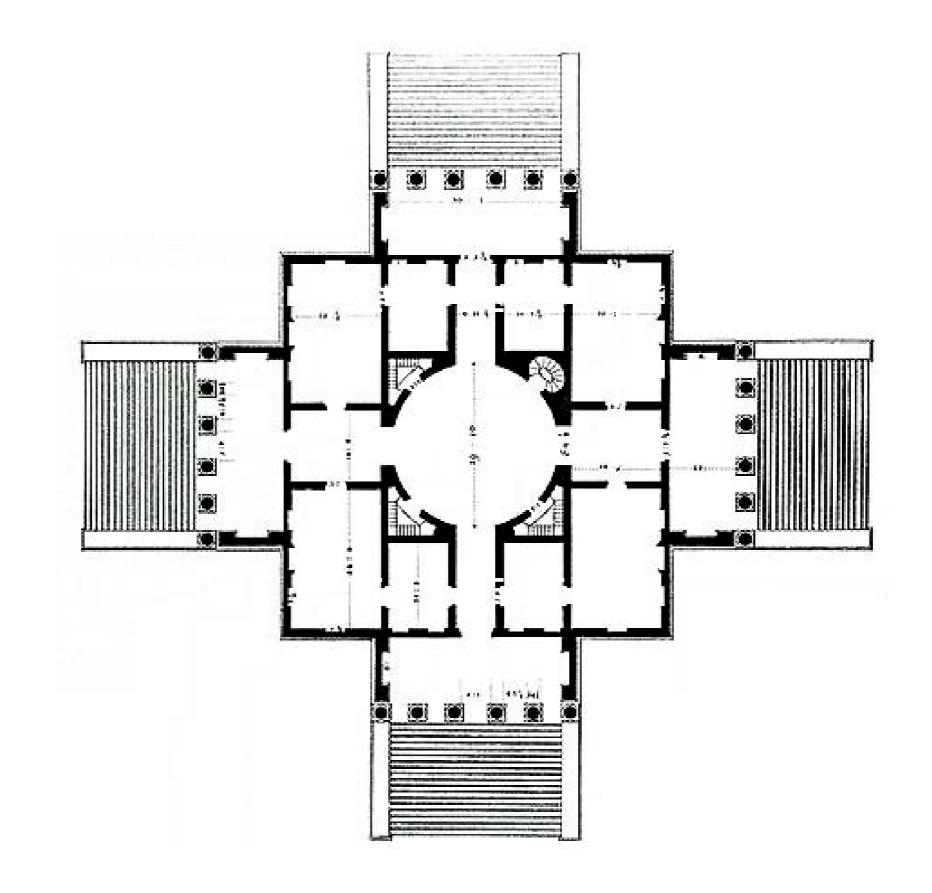
St. Peter (Michelangelo)

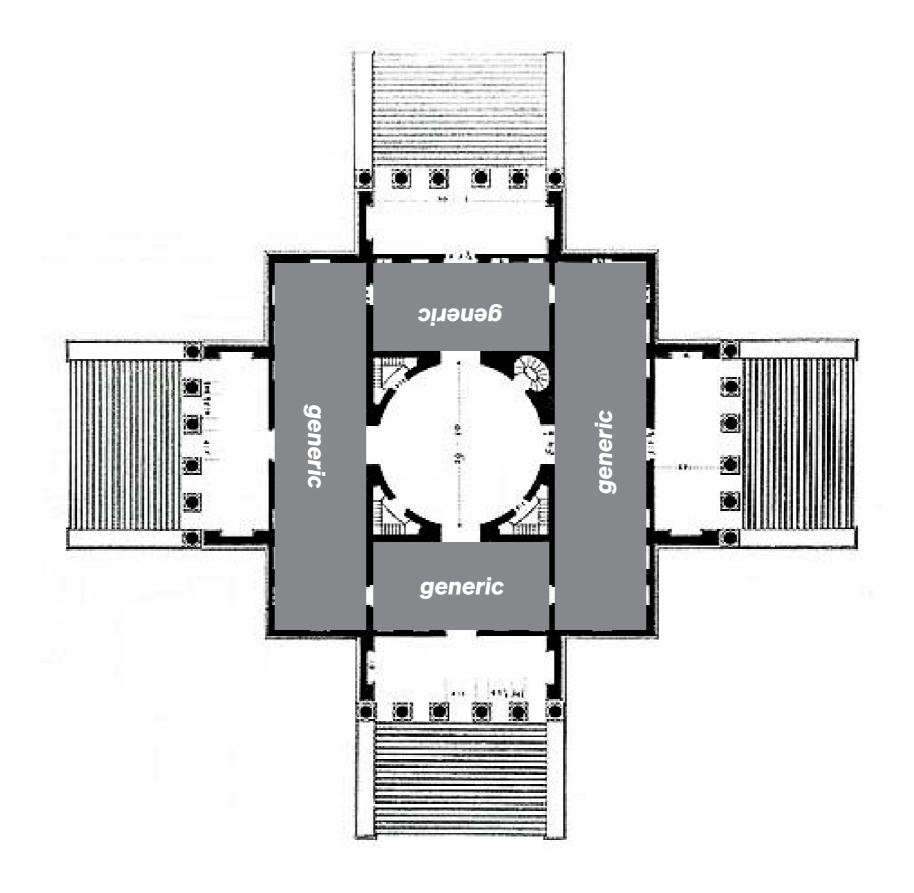


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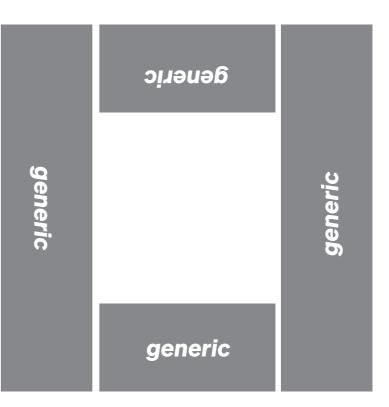
#### Villa Capra/Rotonda

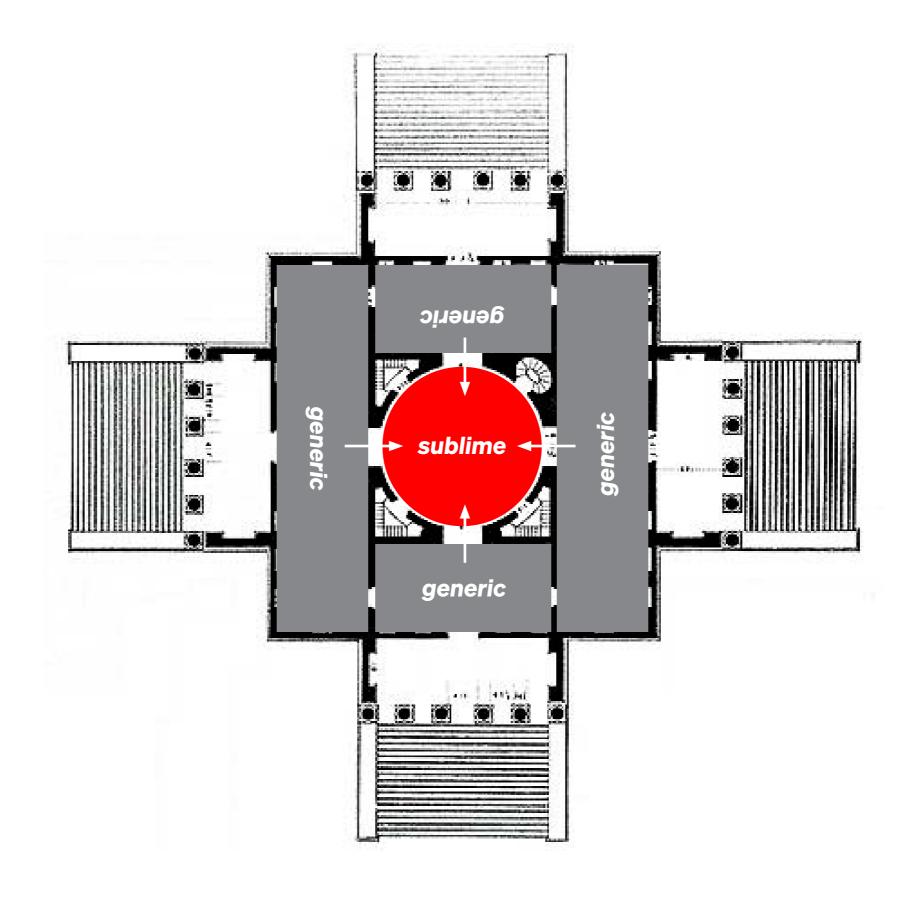
(Andrea Palladio)



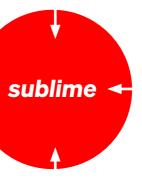


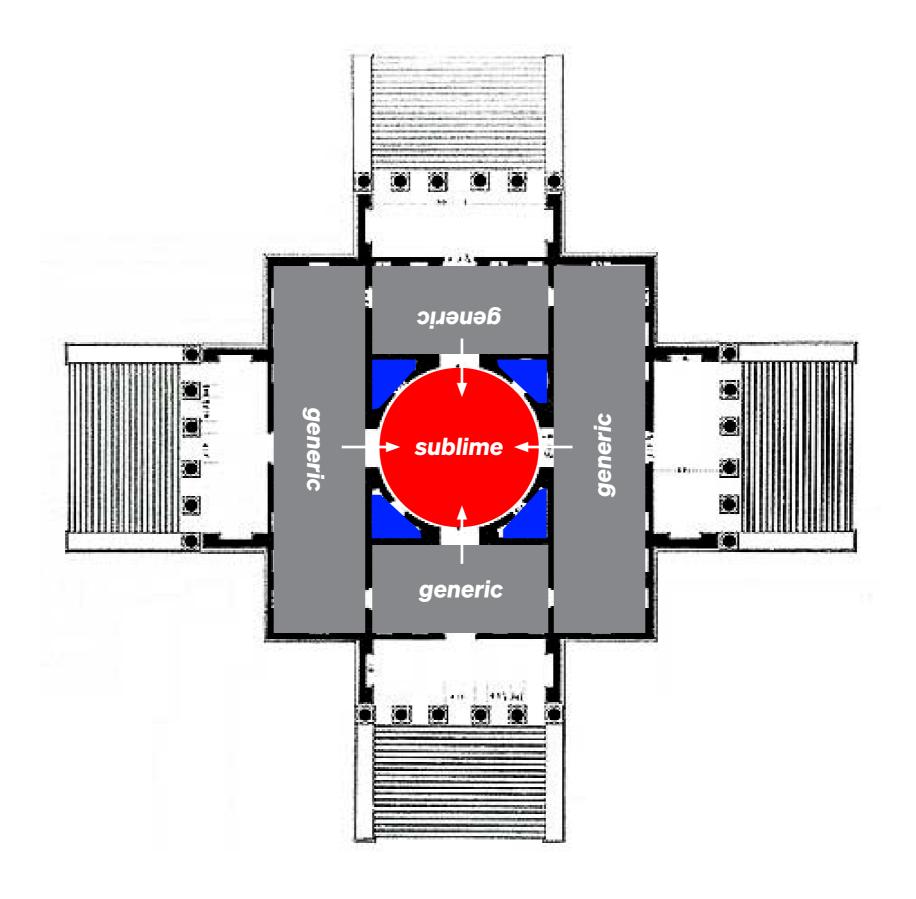








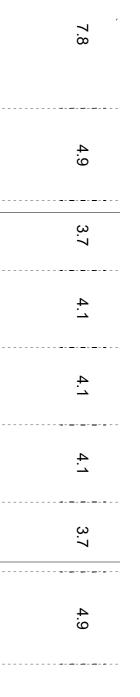




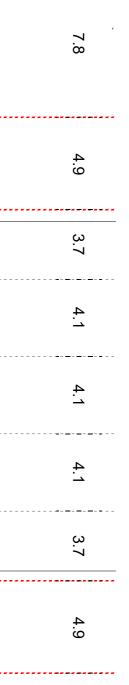
Floor plan design

AR3AP100

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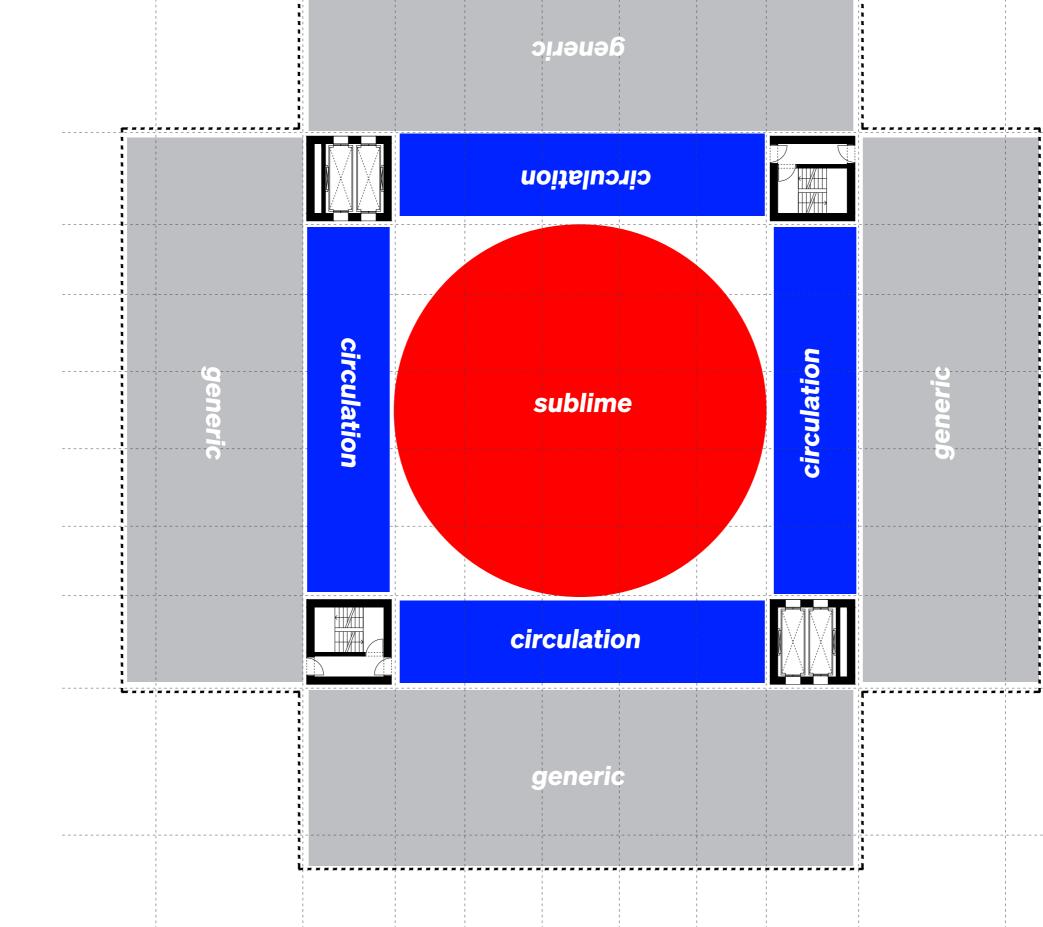
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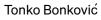


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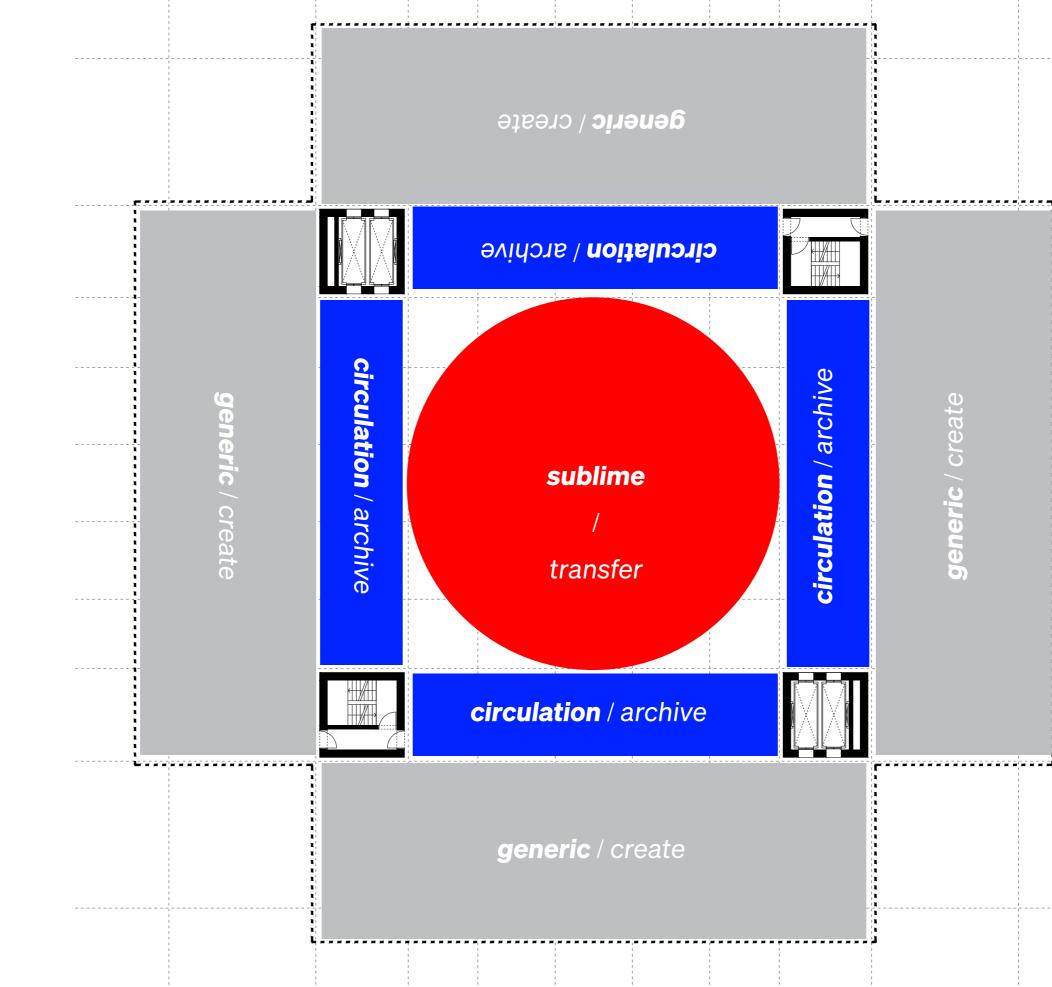
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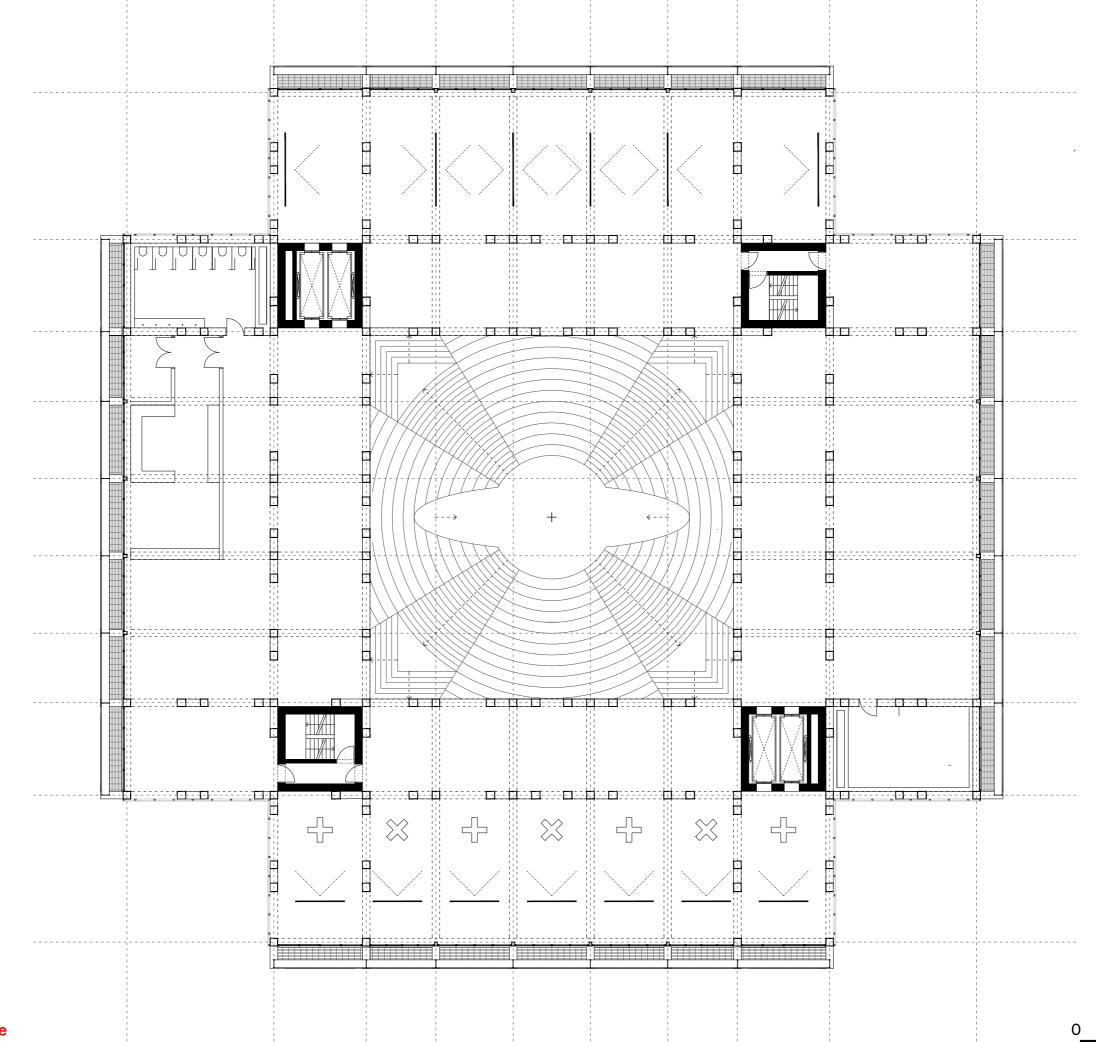






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1st floor plan - superstructure

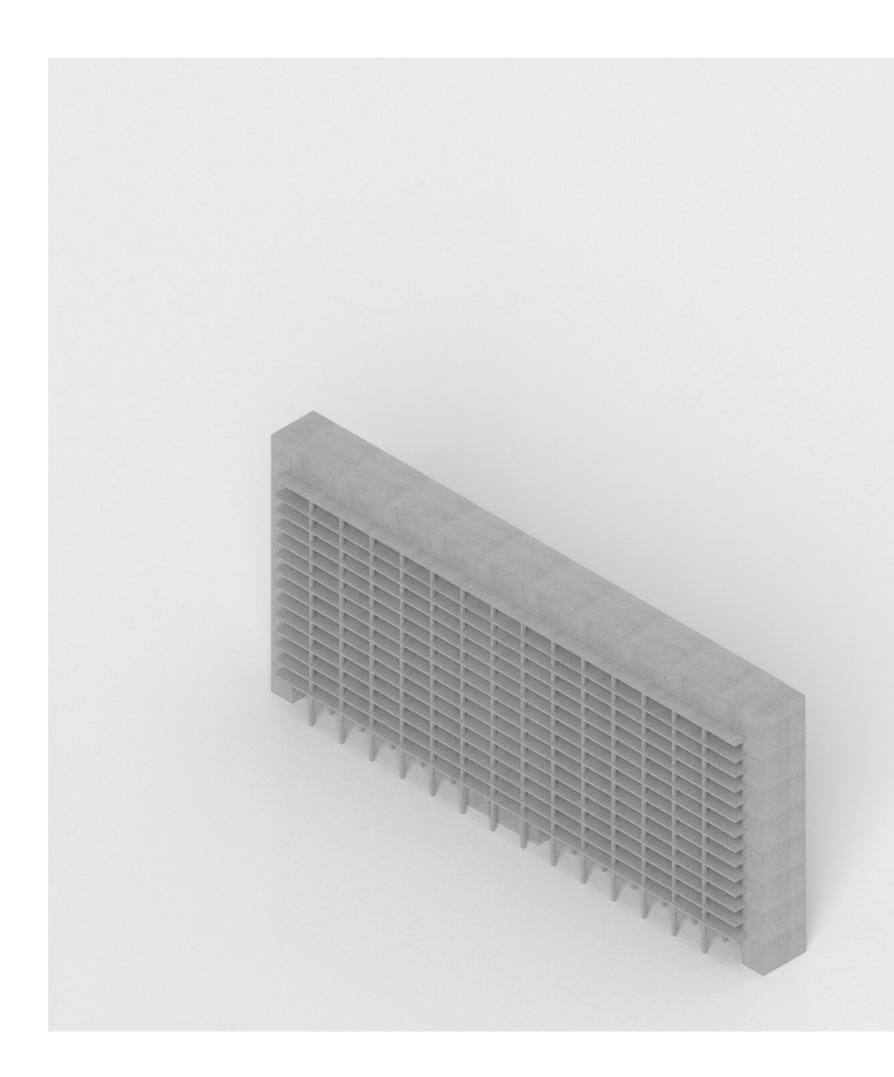
Tonko Bonković

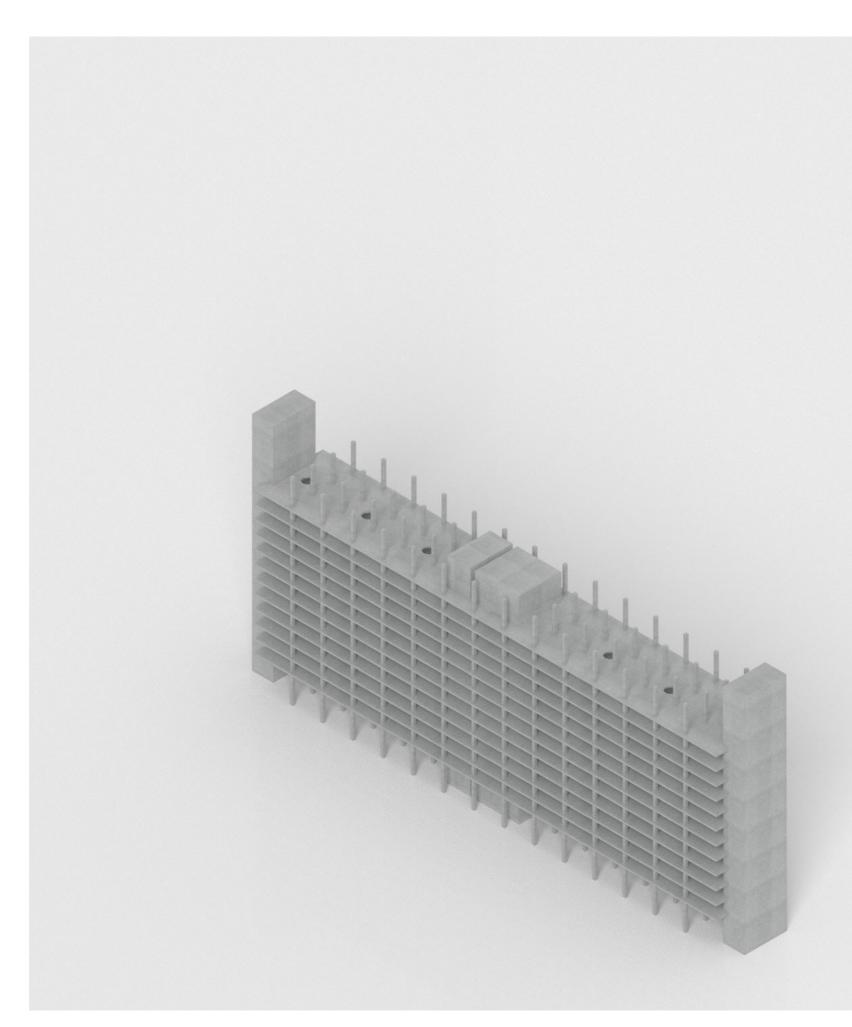
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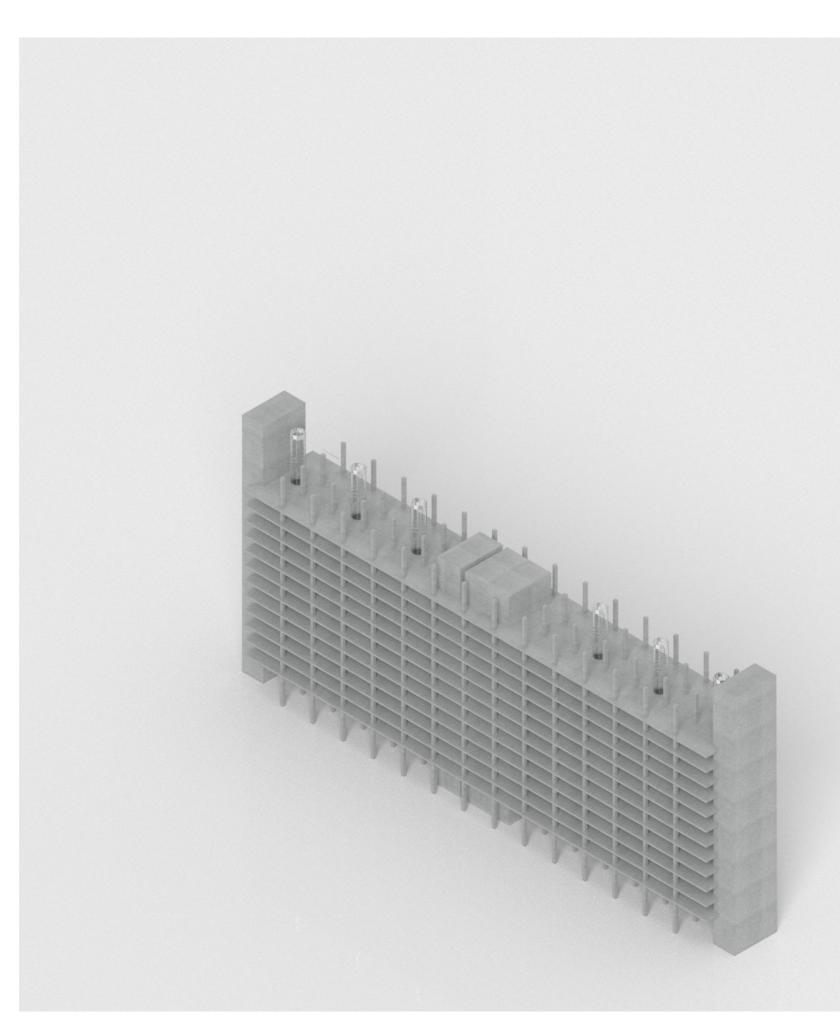
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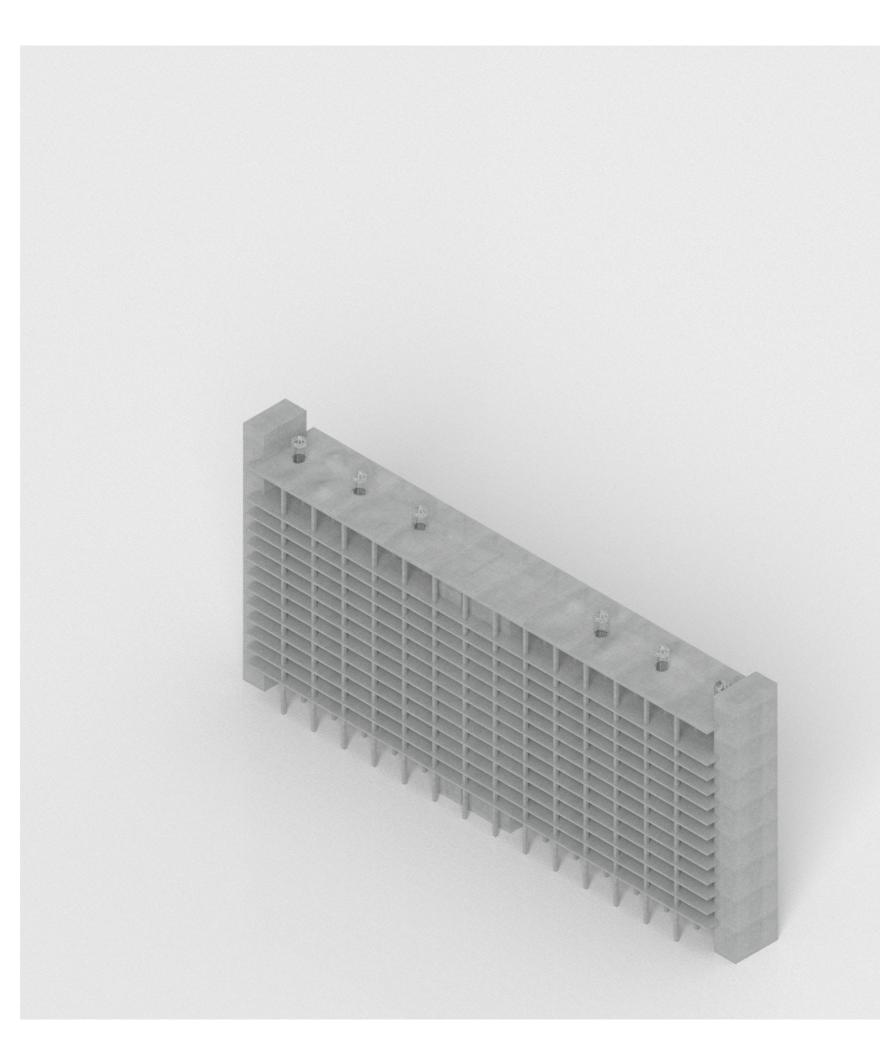
Structure and design decisions



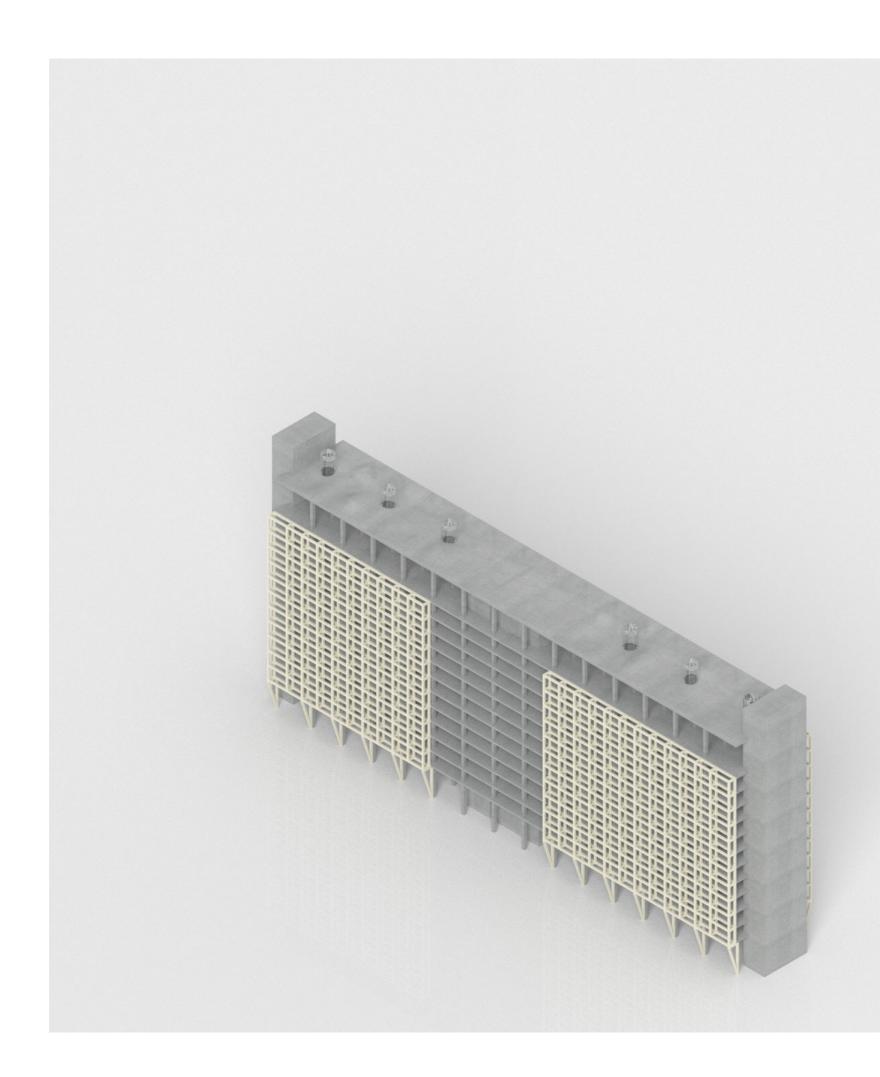


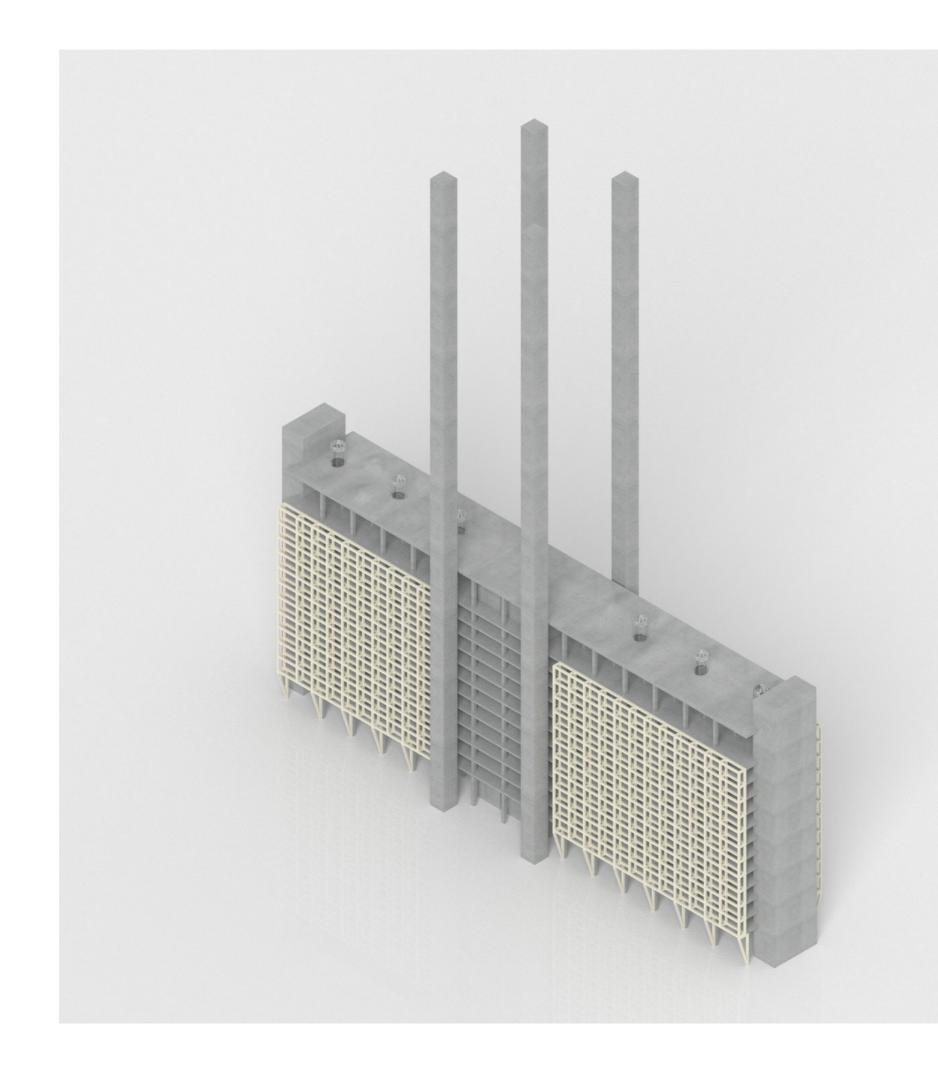


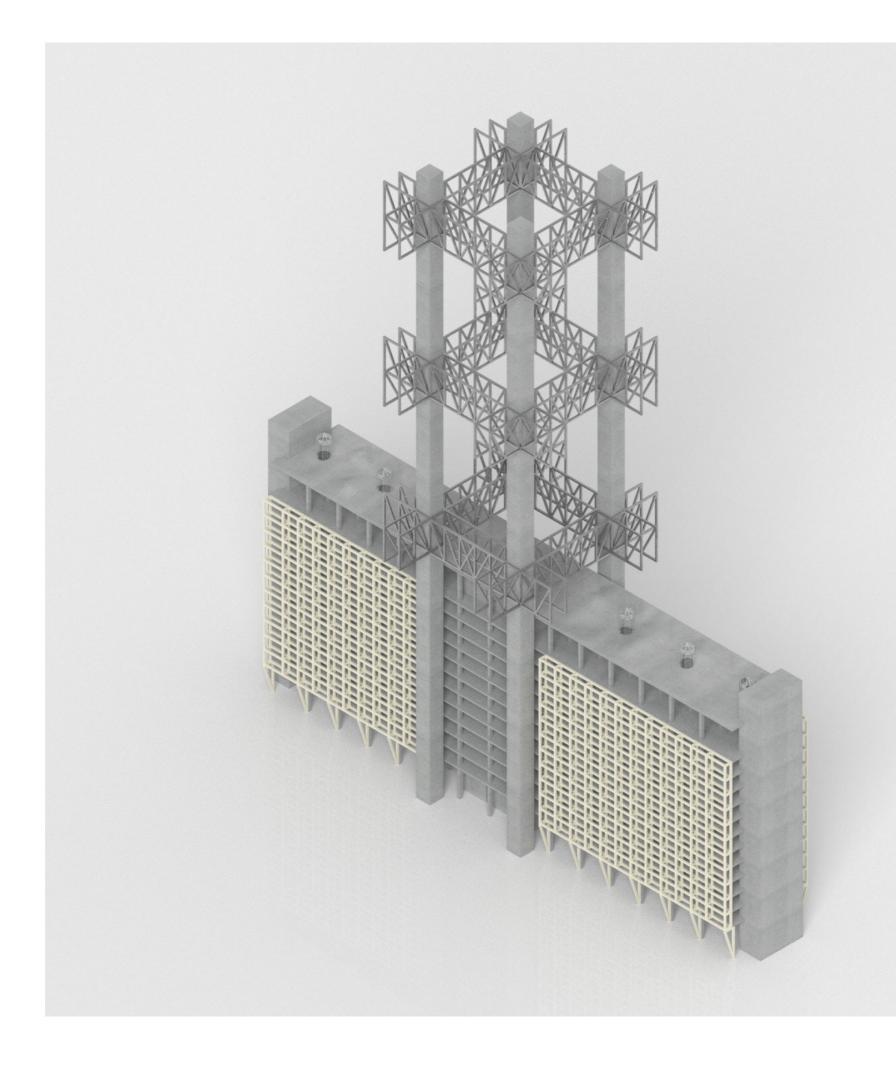


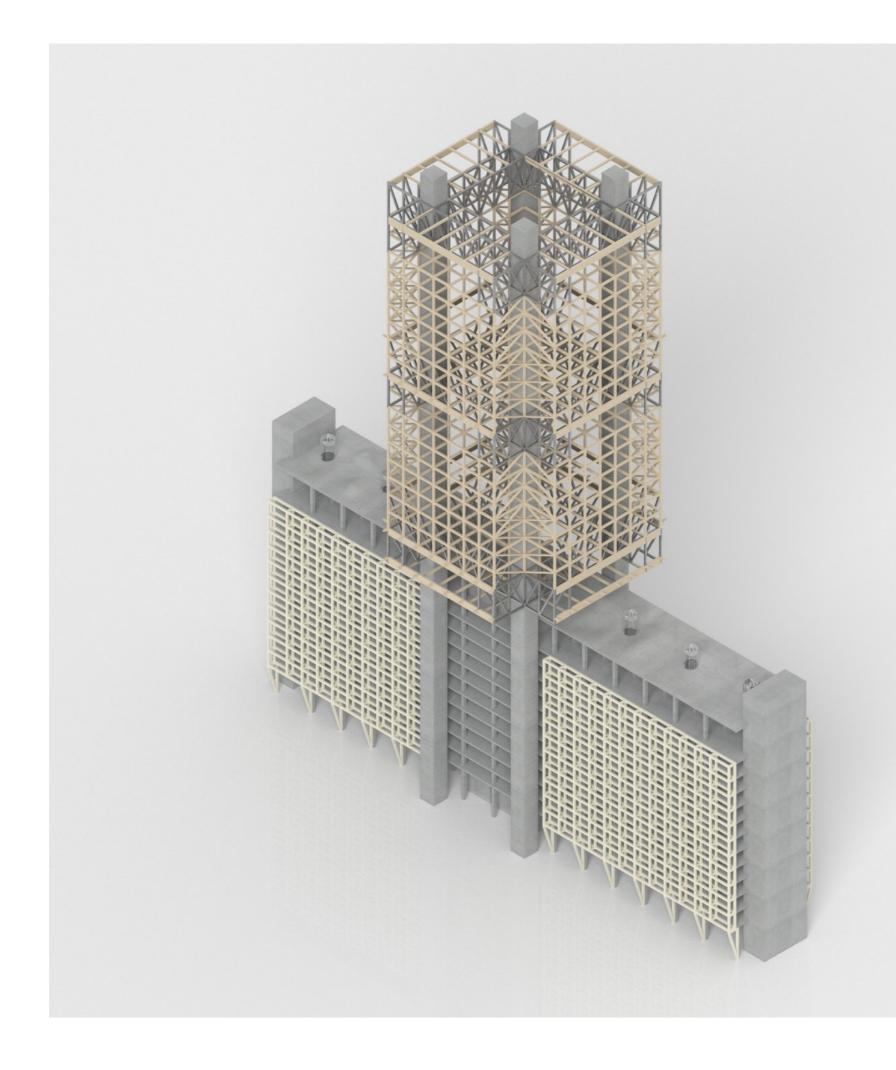






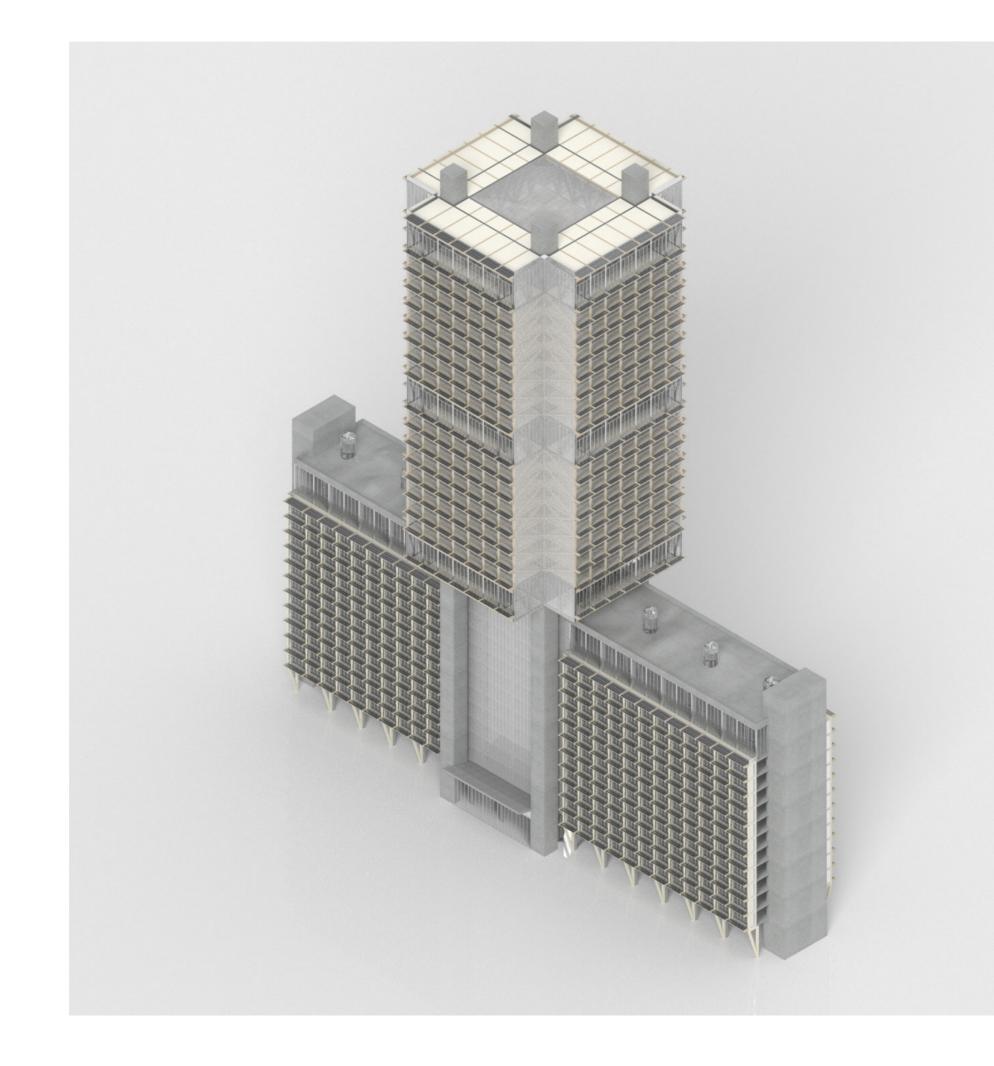








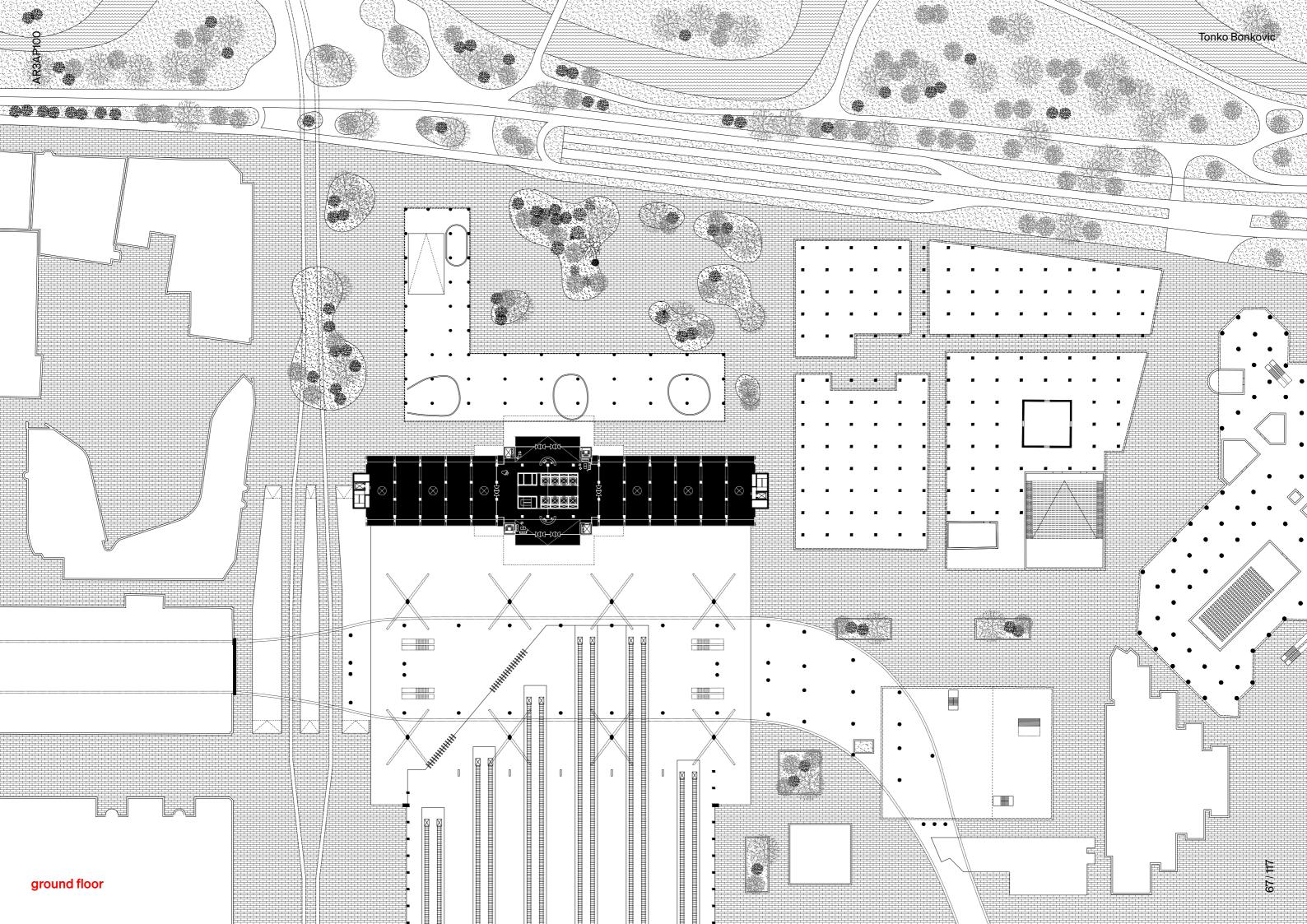


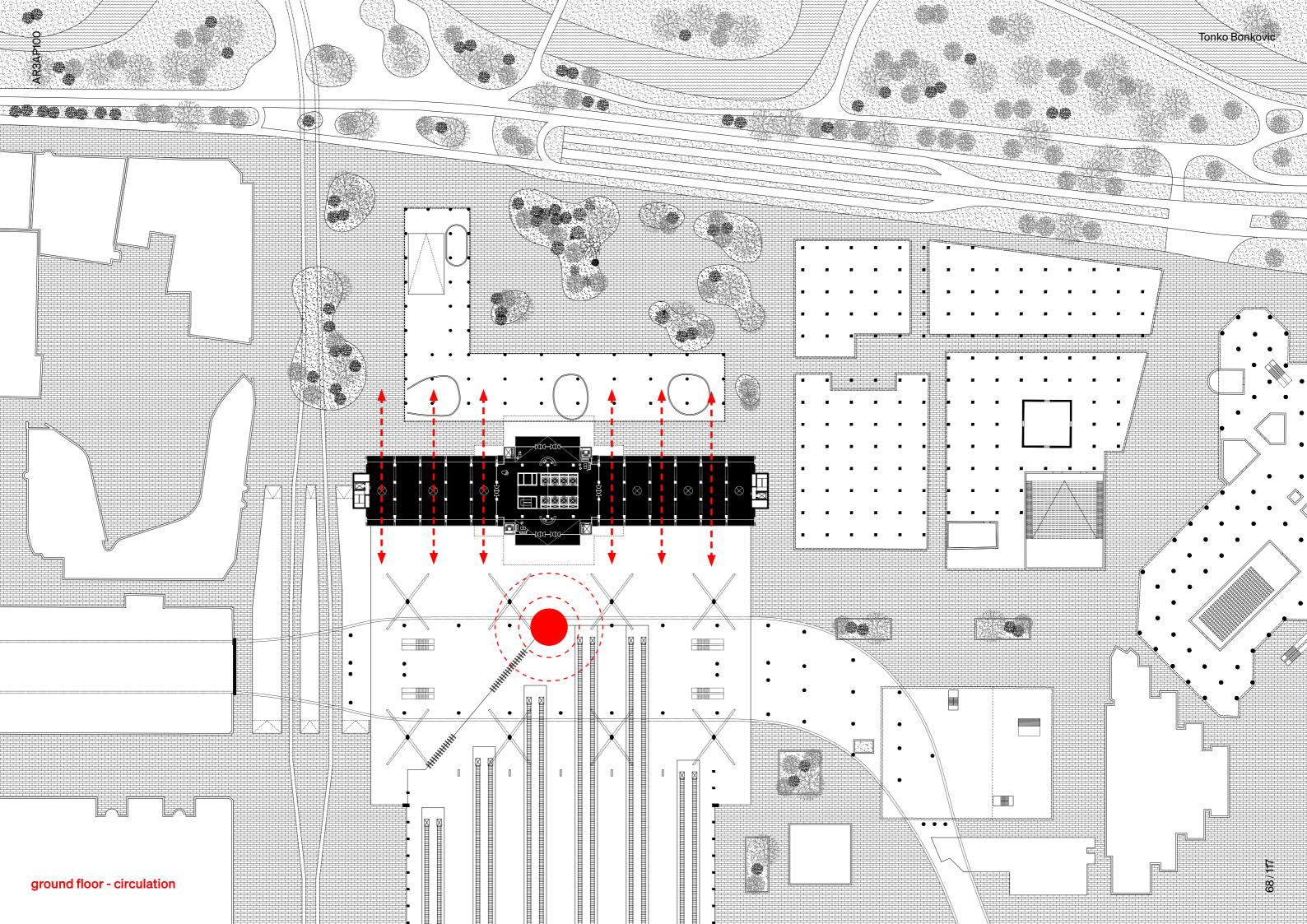


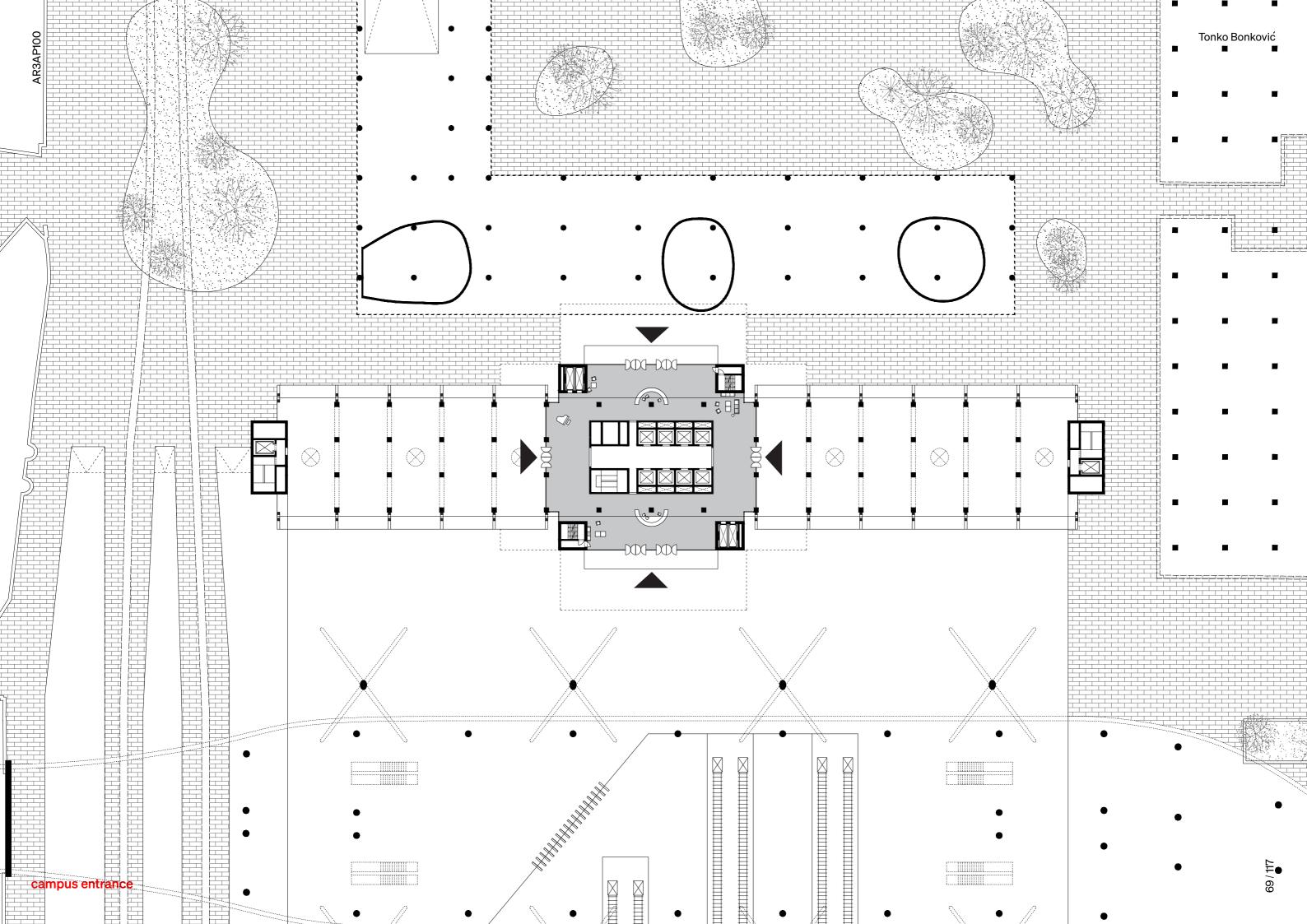


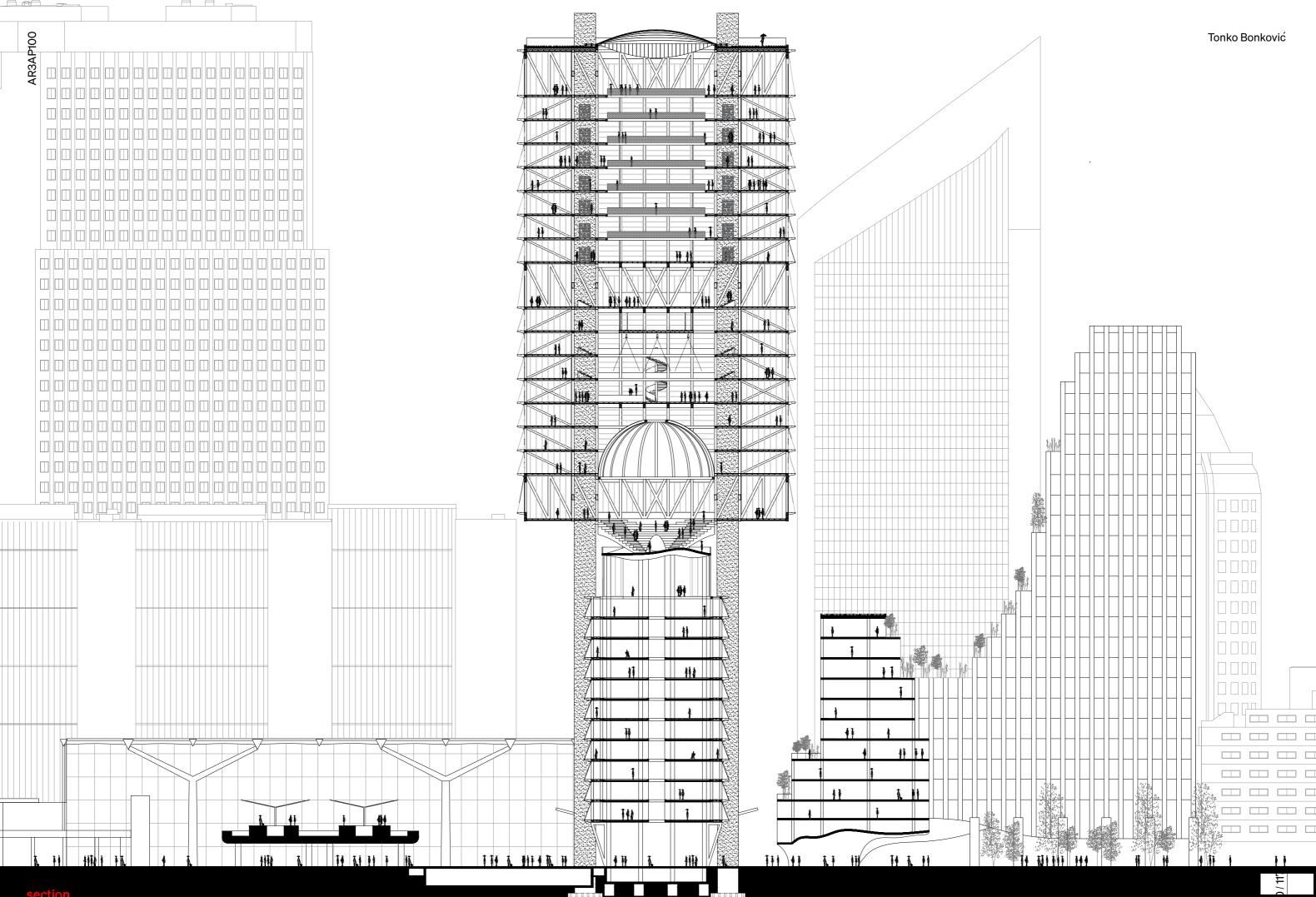


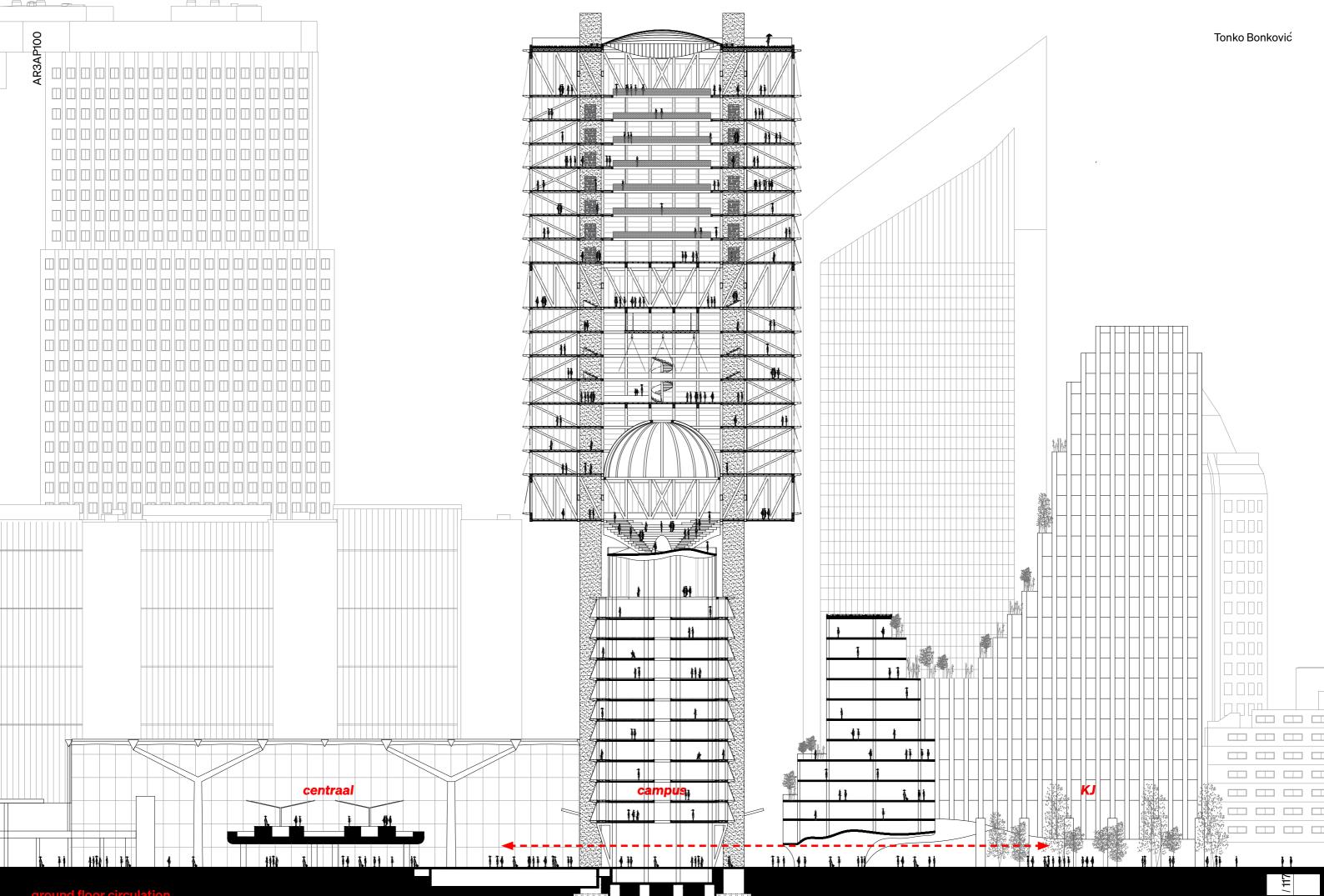


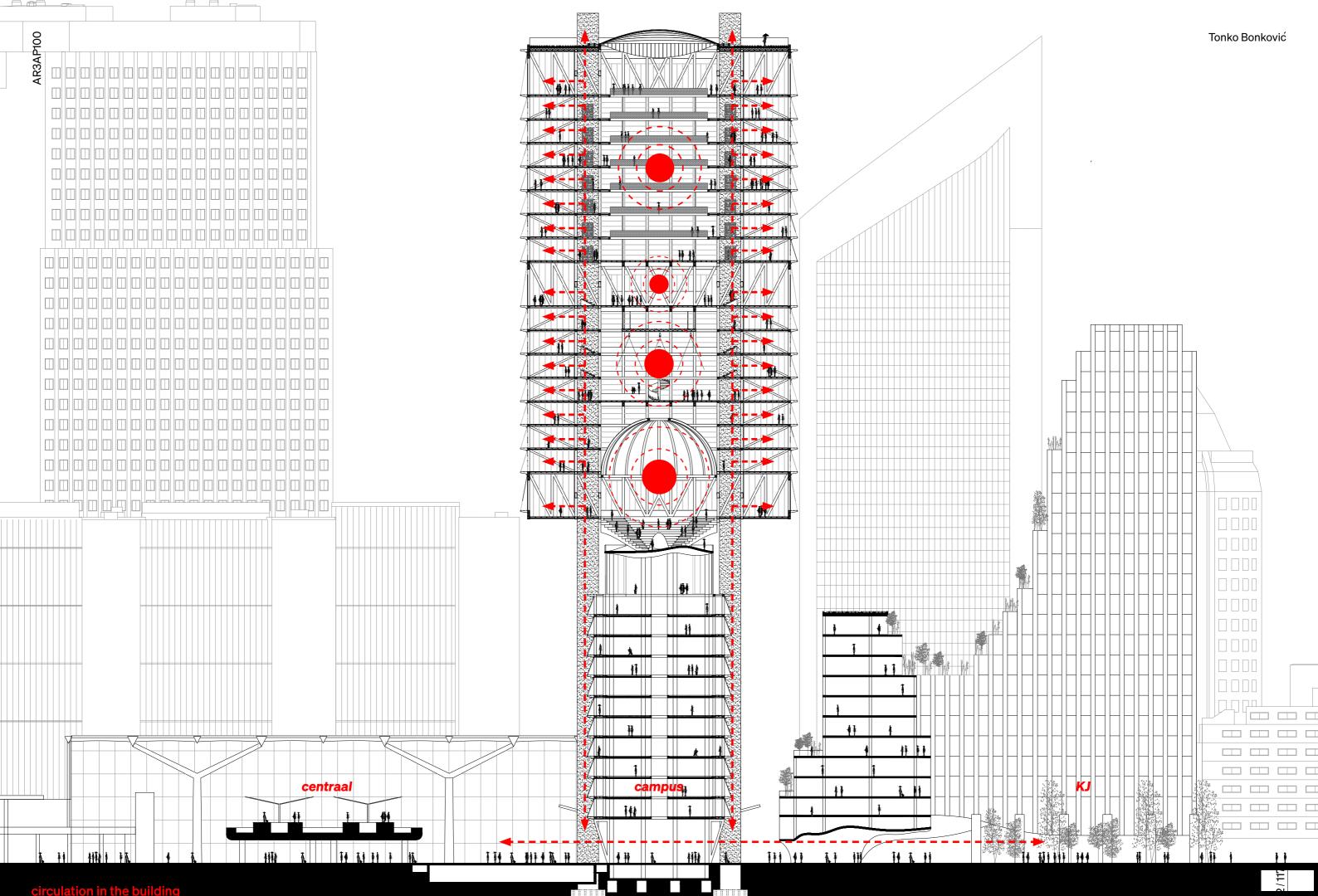




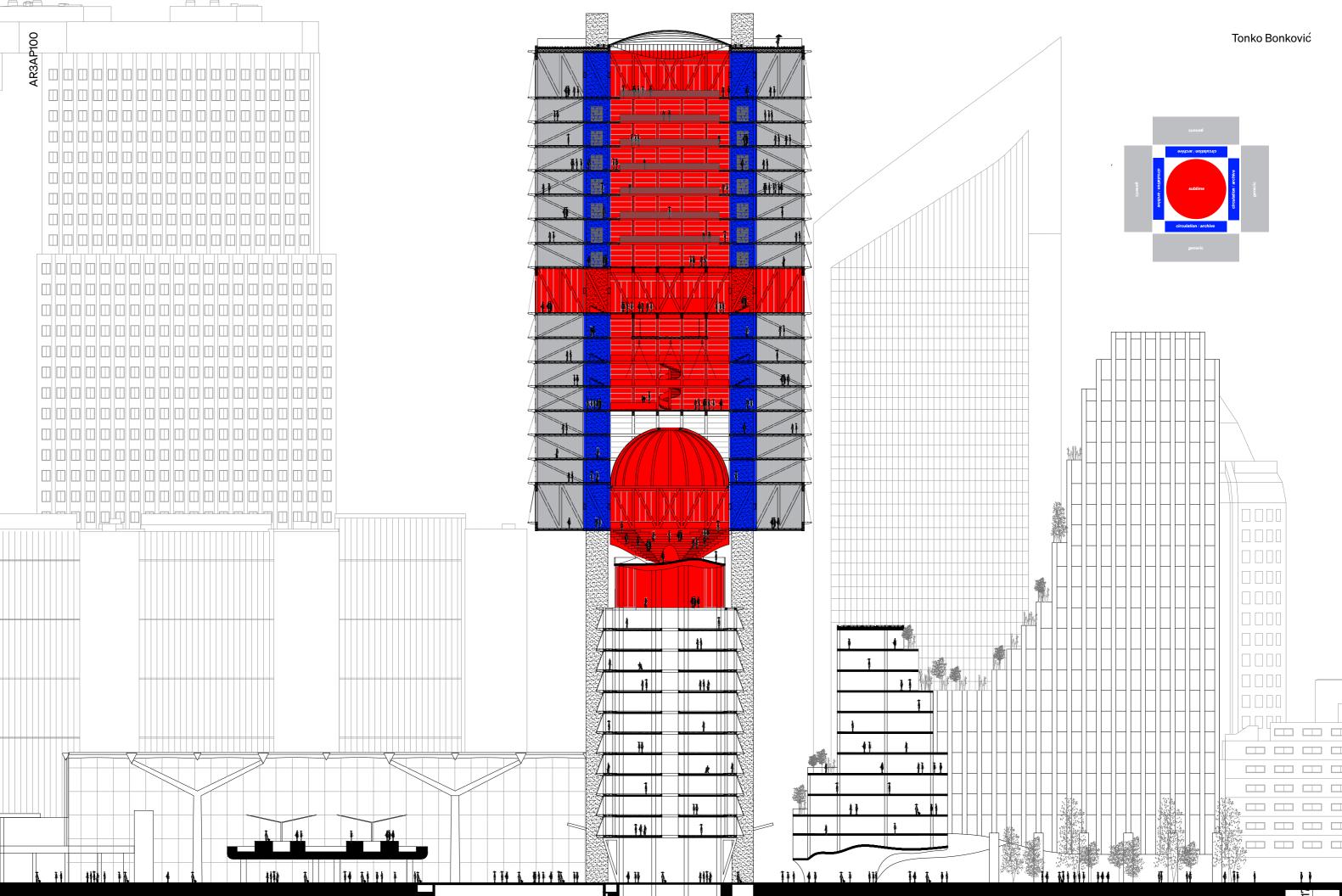




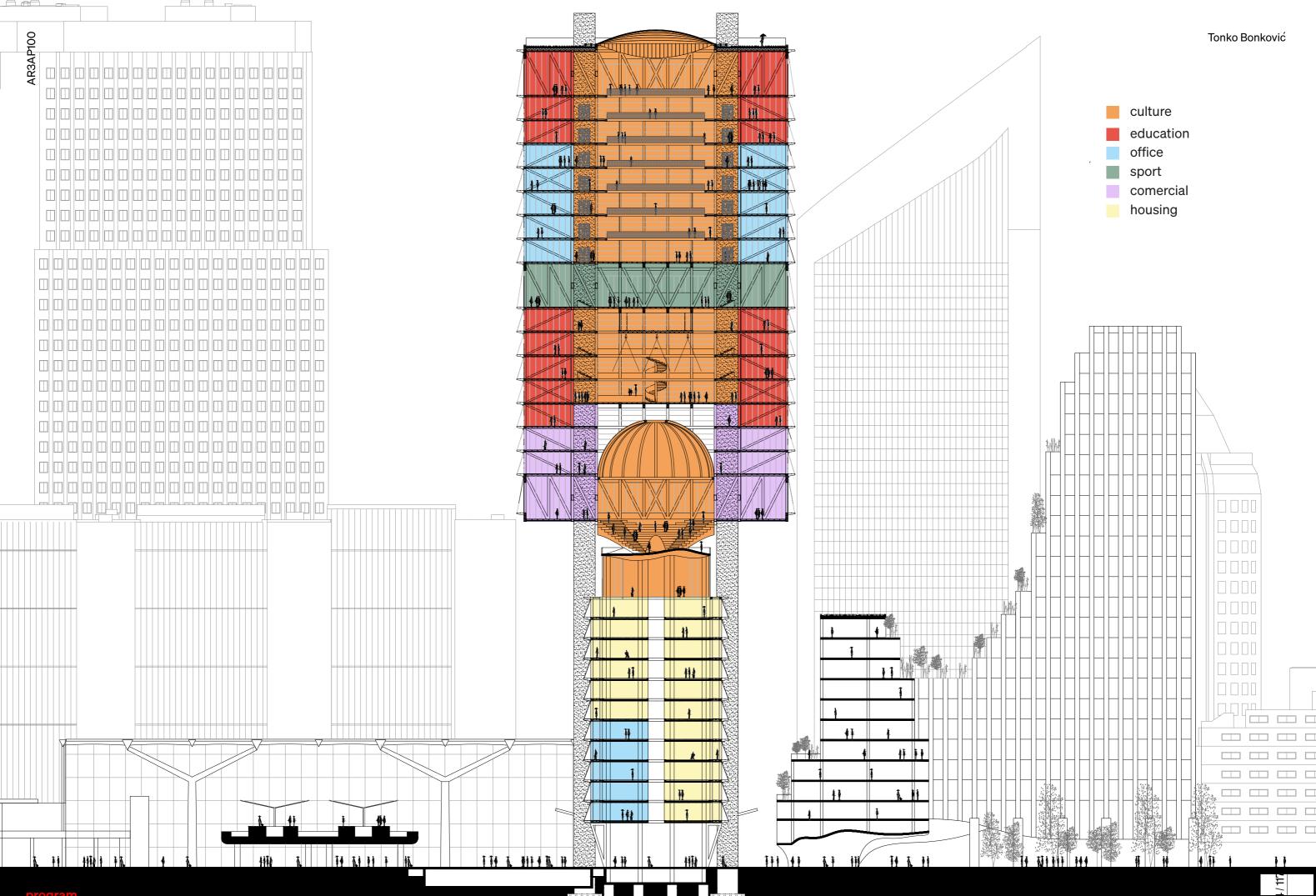


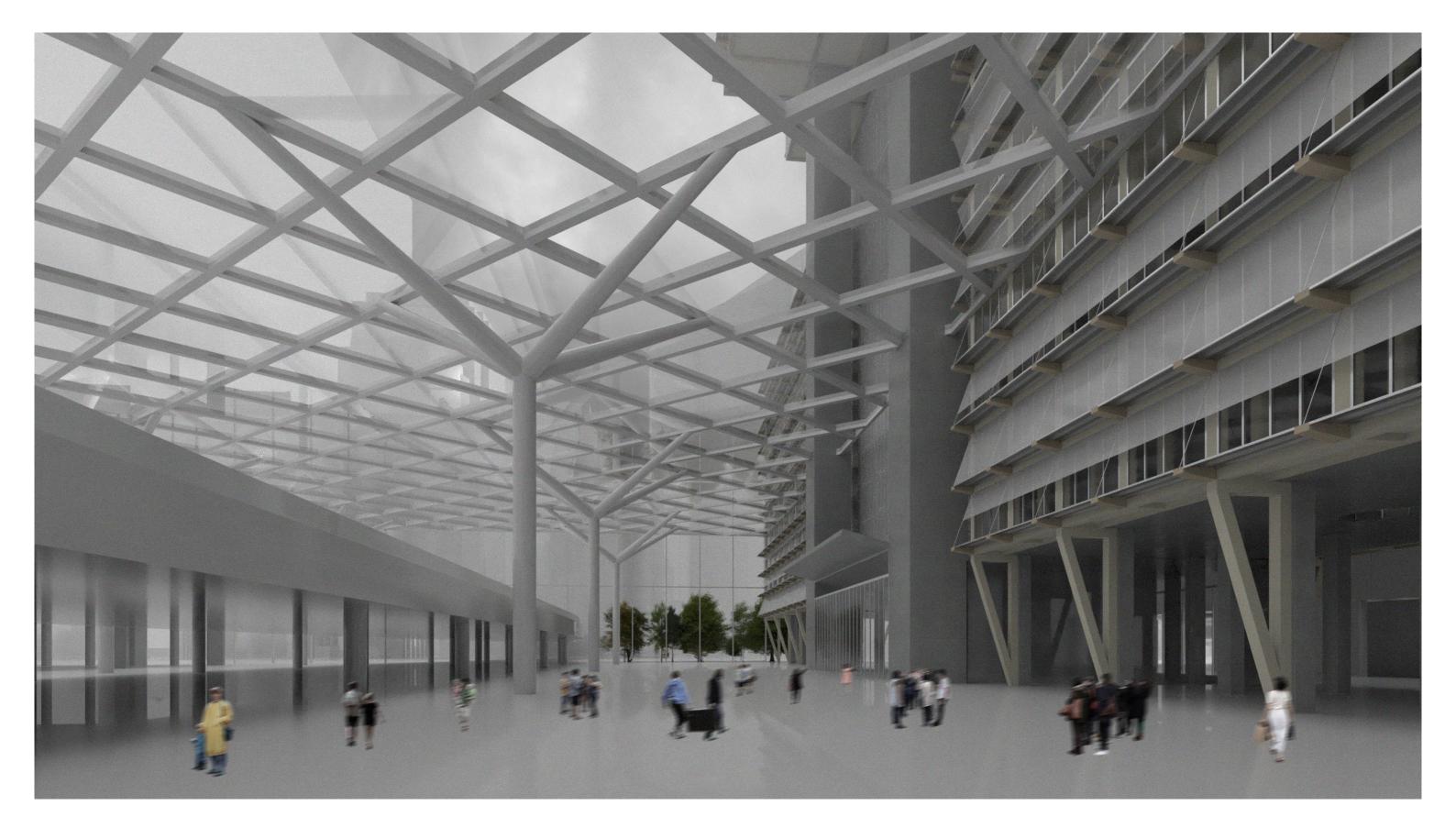


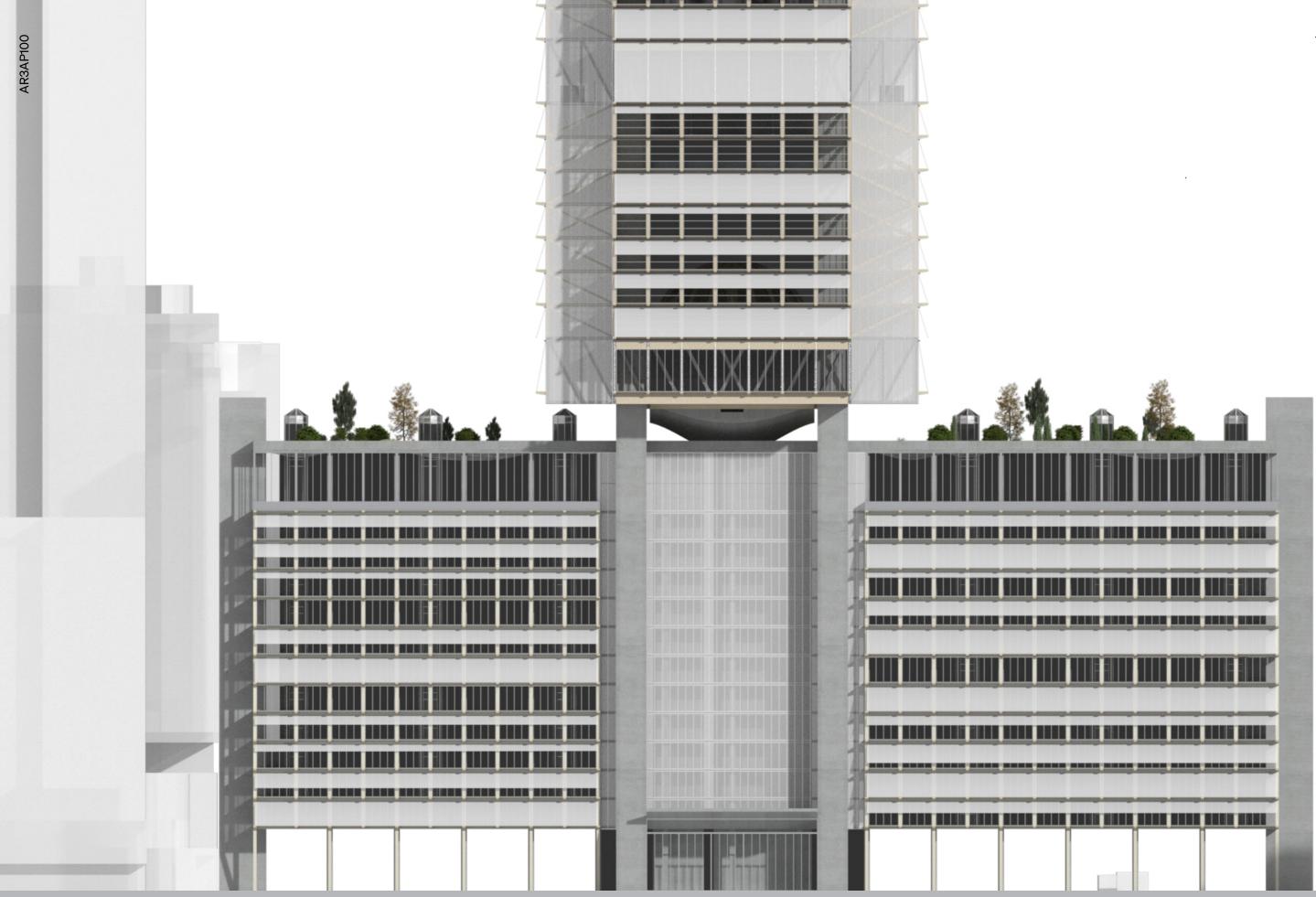
ulation in the building circ



/ 117

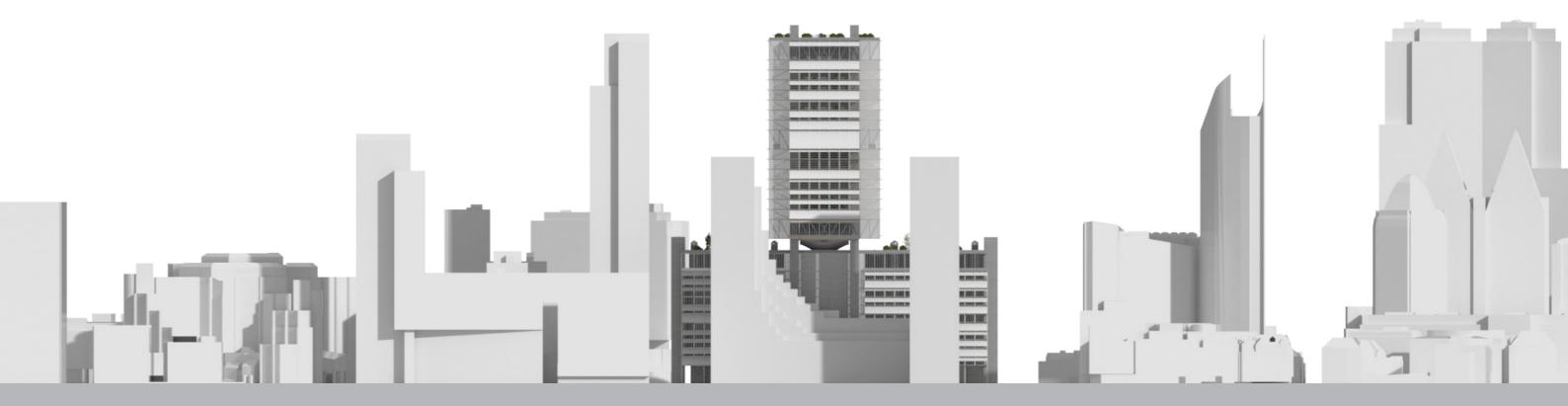








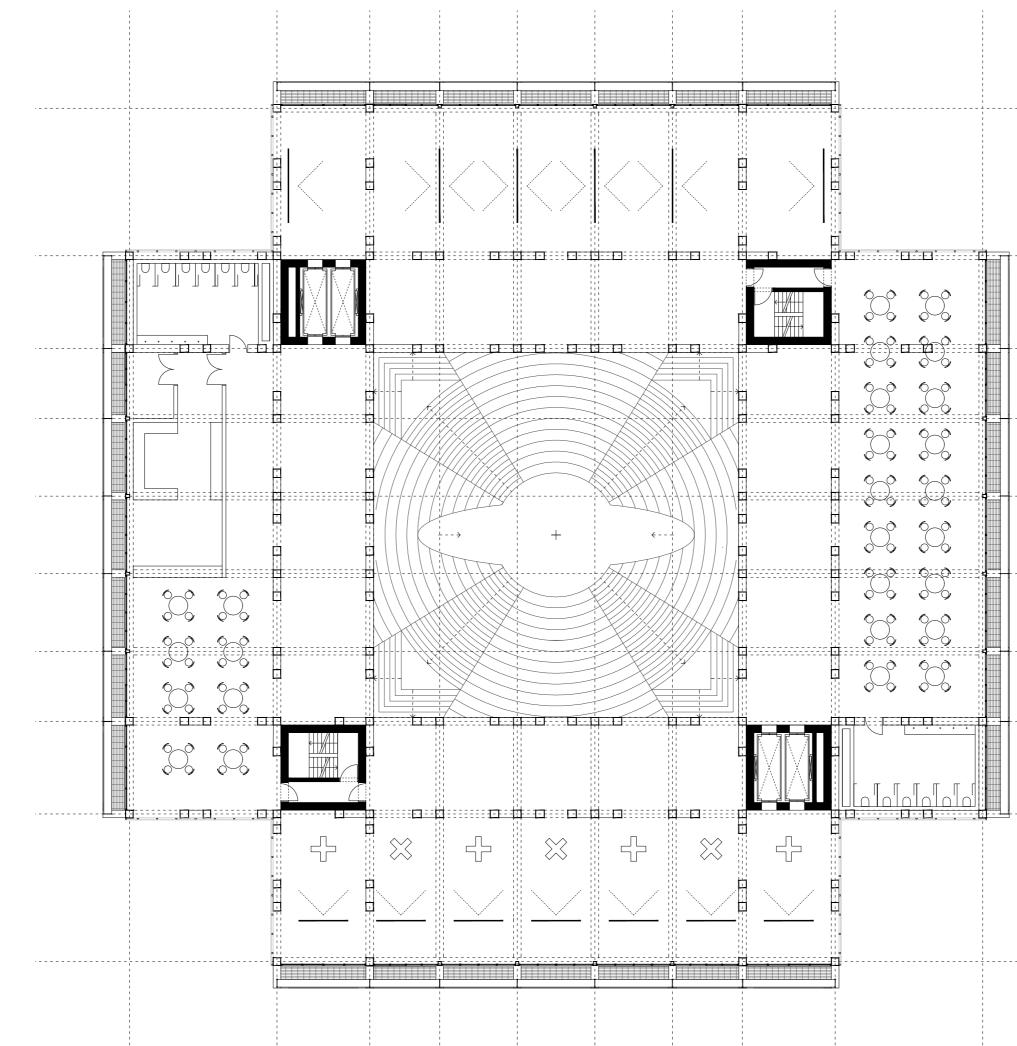


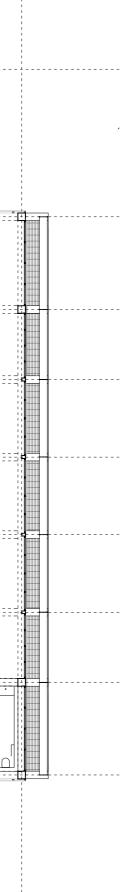


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# building

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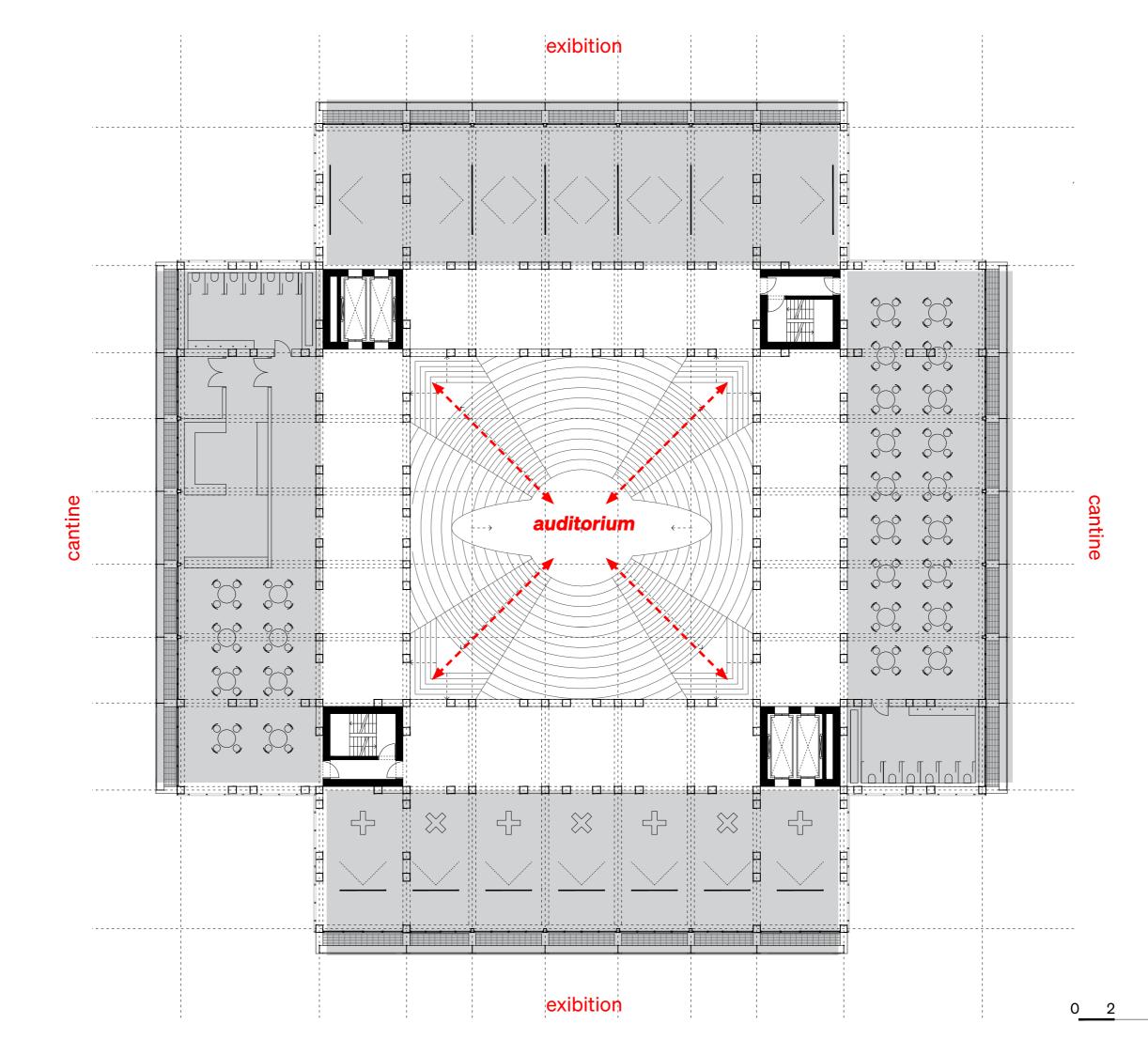




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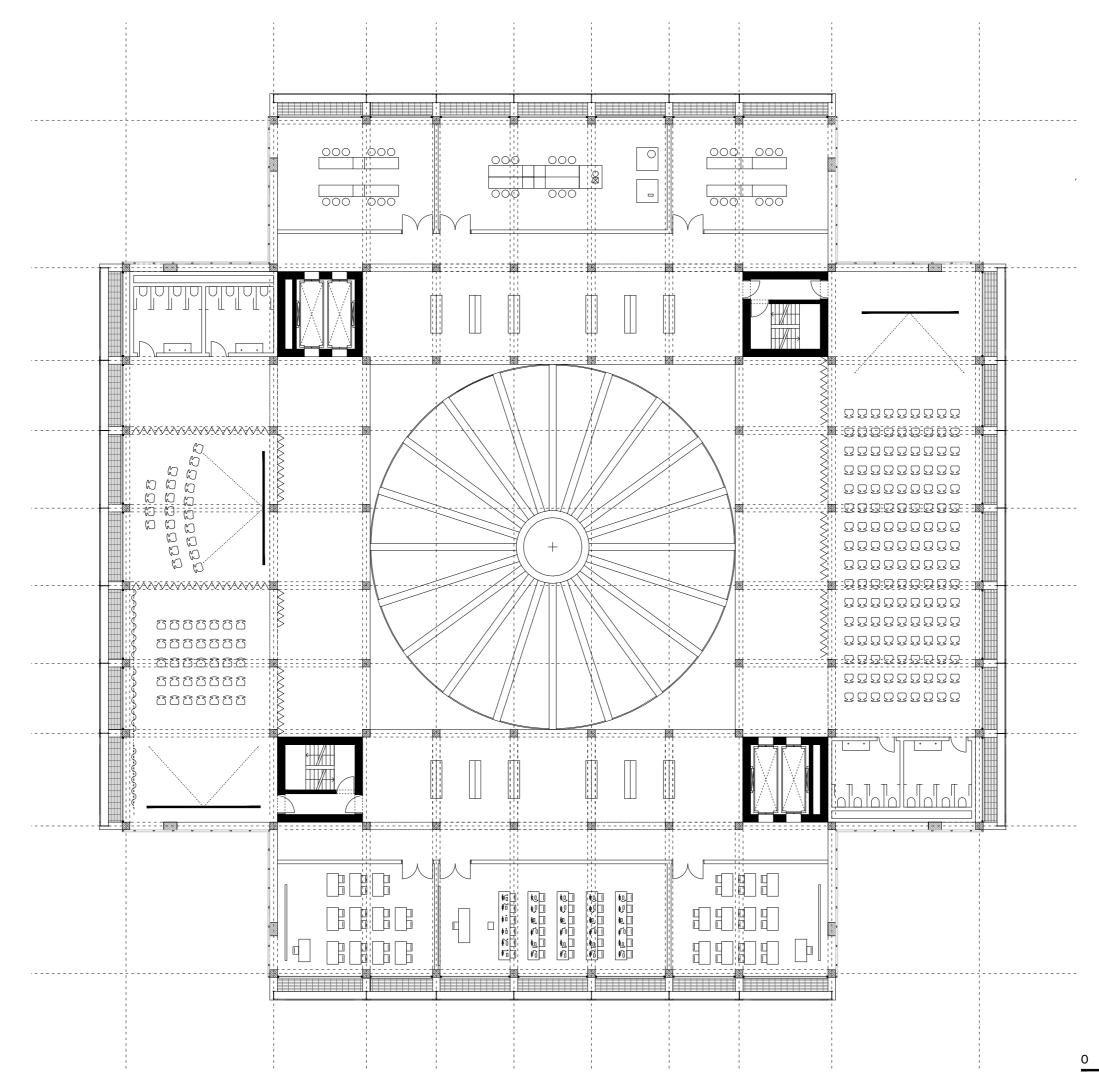


**1st floor - entrance** 

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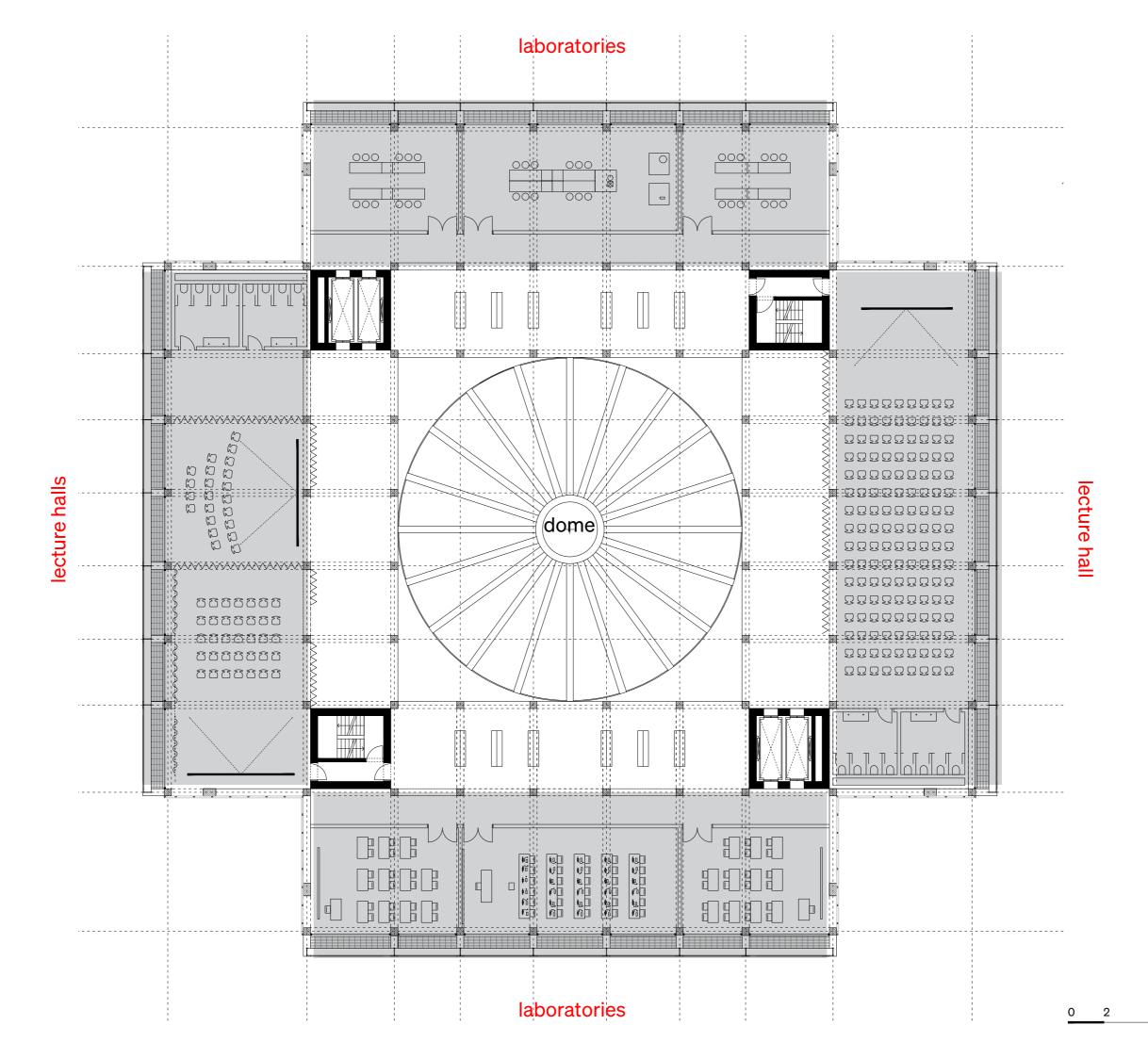
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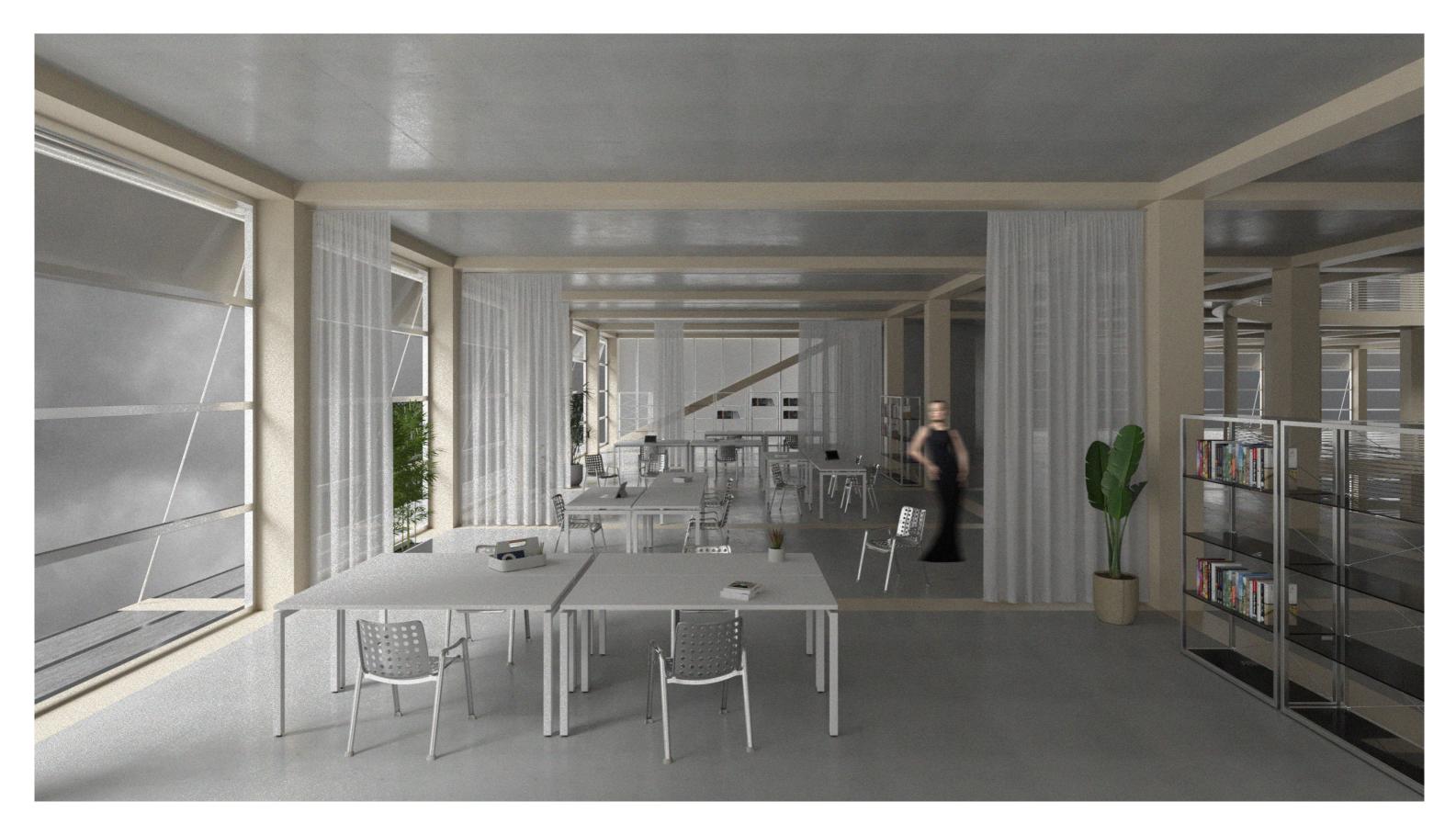
82 / 117

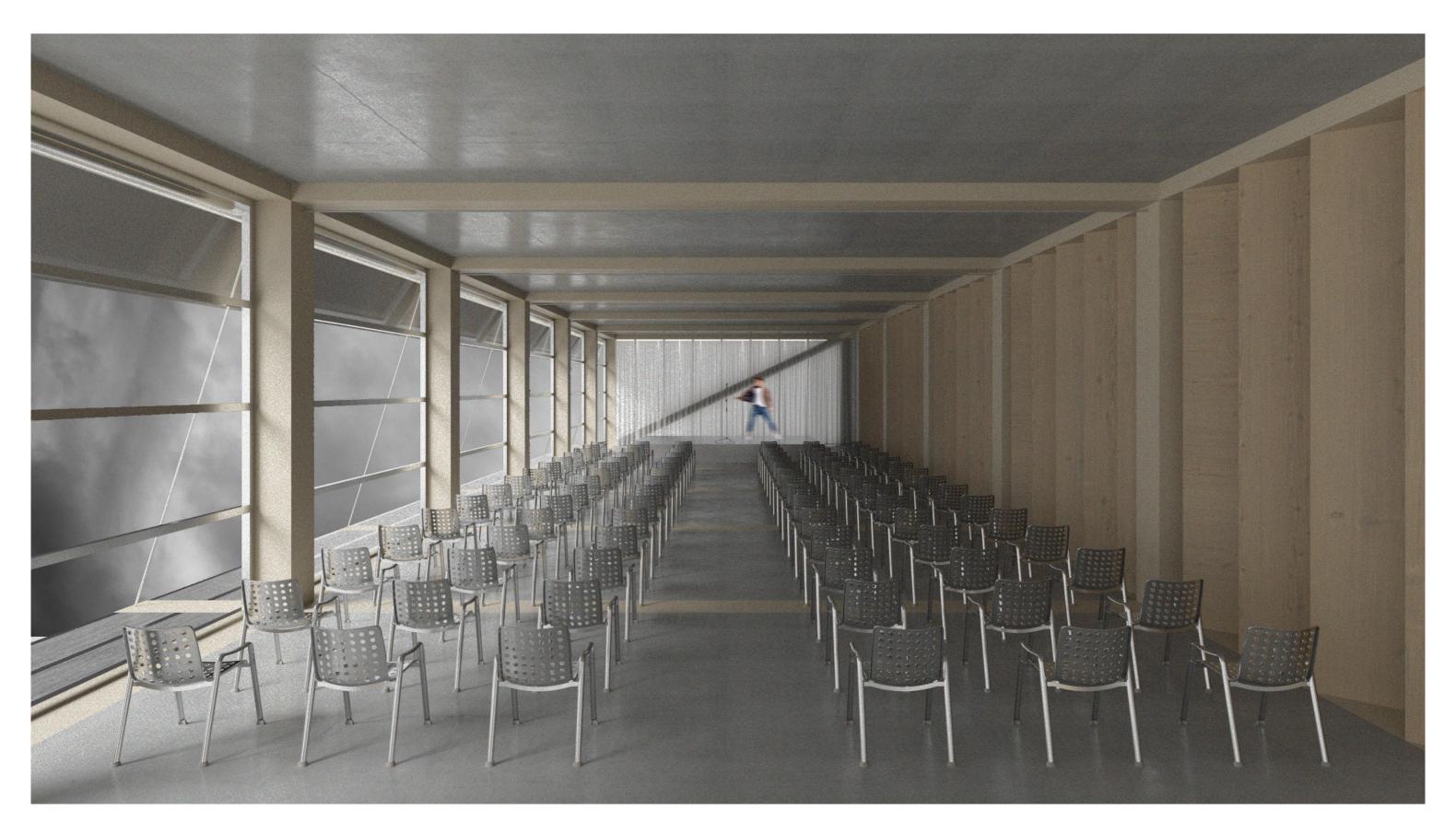


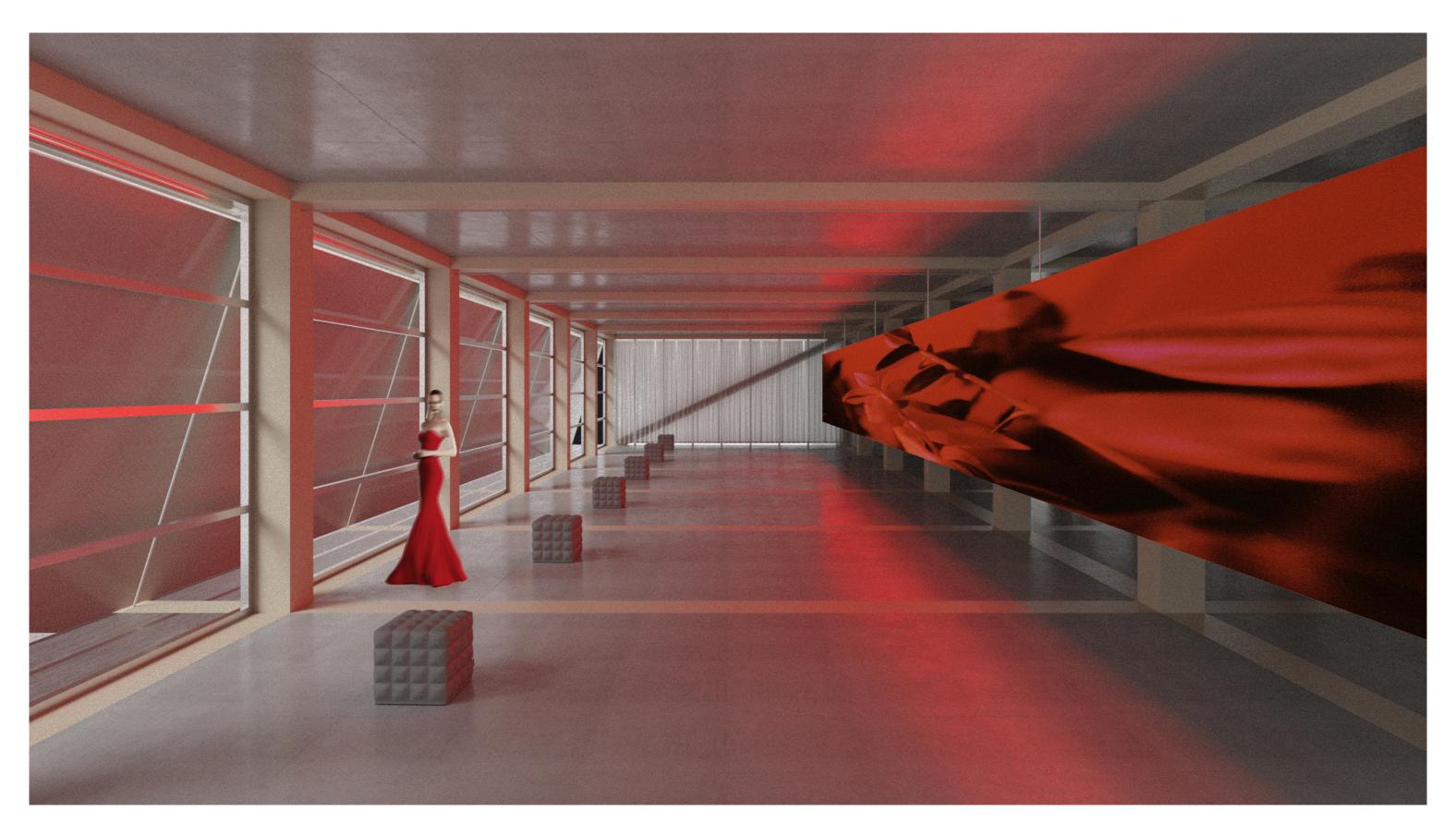


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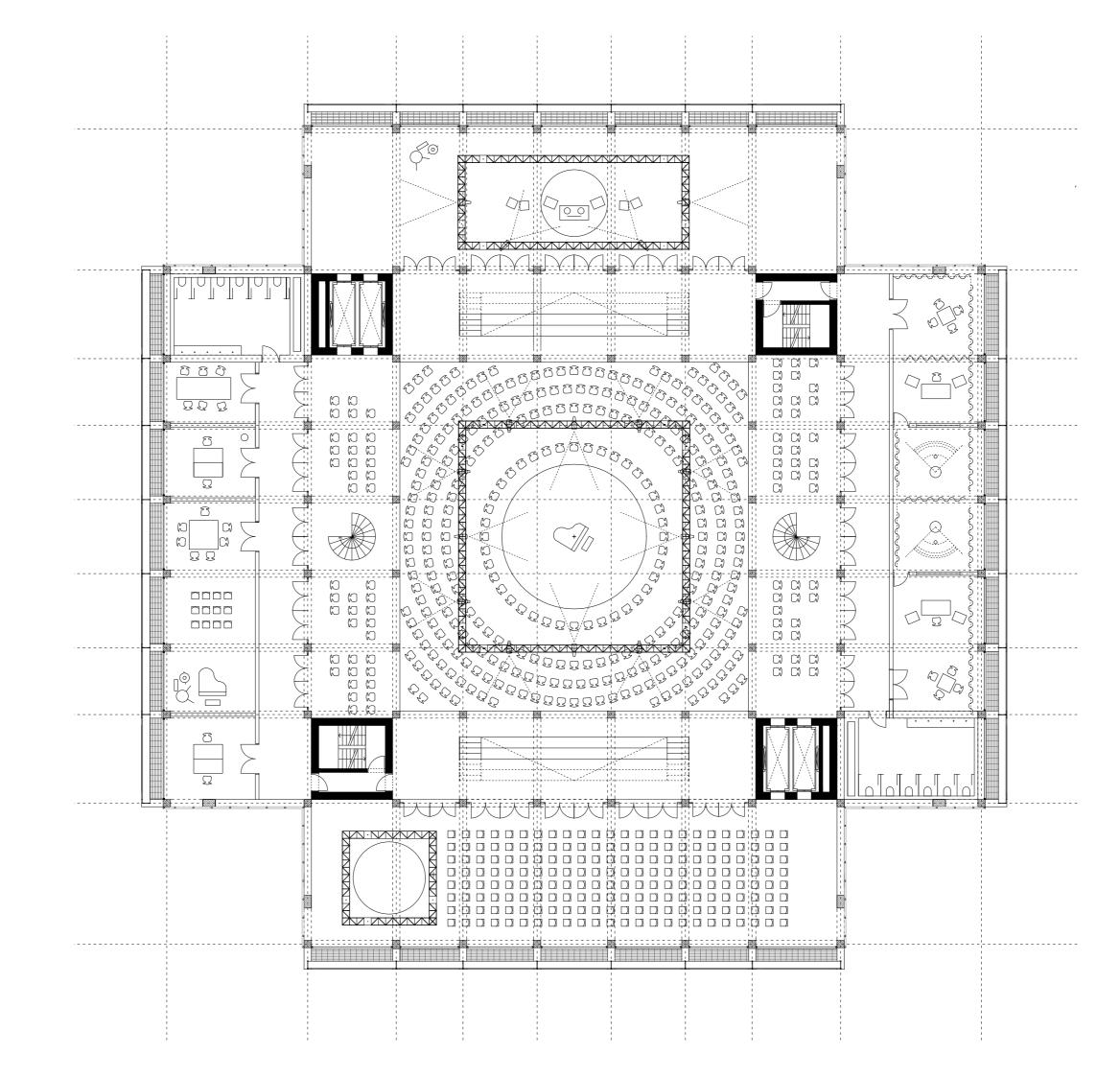
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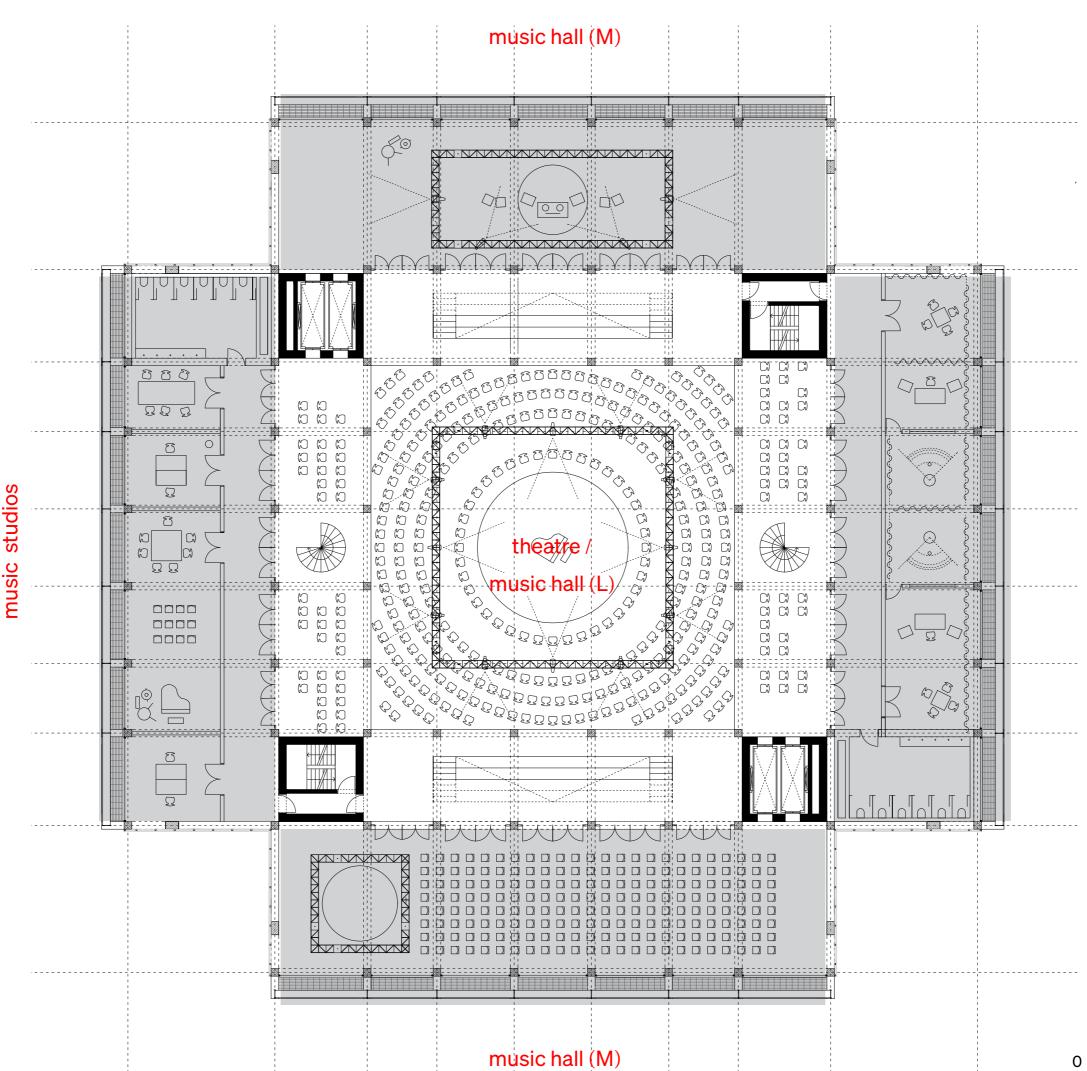






Advanced virtuality classroom





5th floor - theatre

Tonko Bonković

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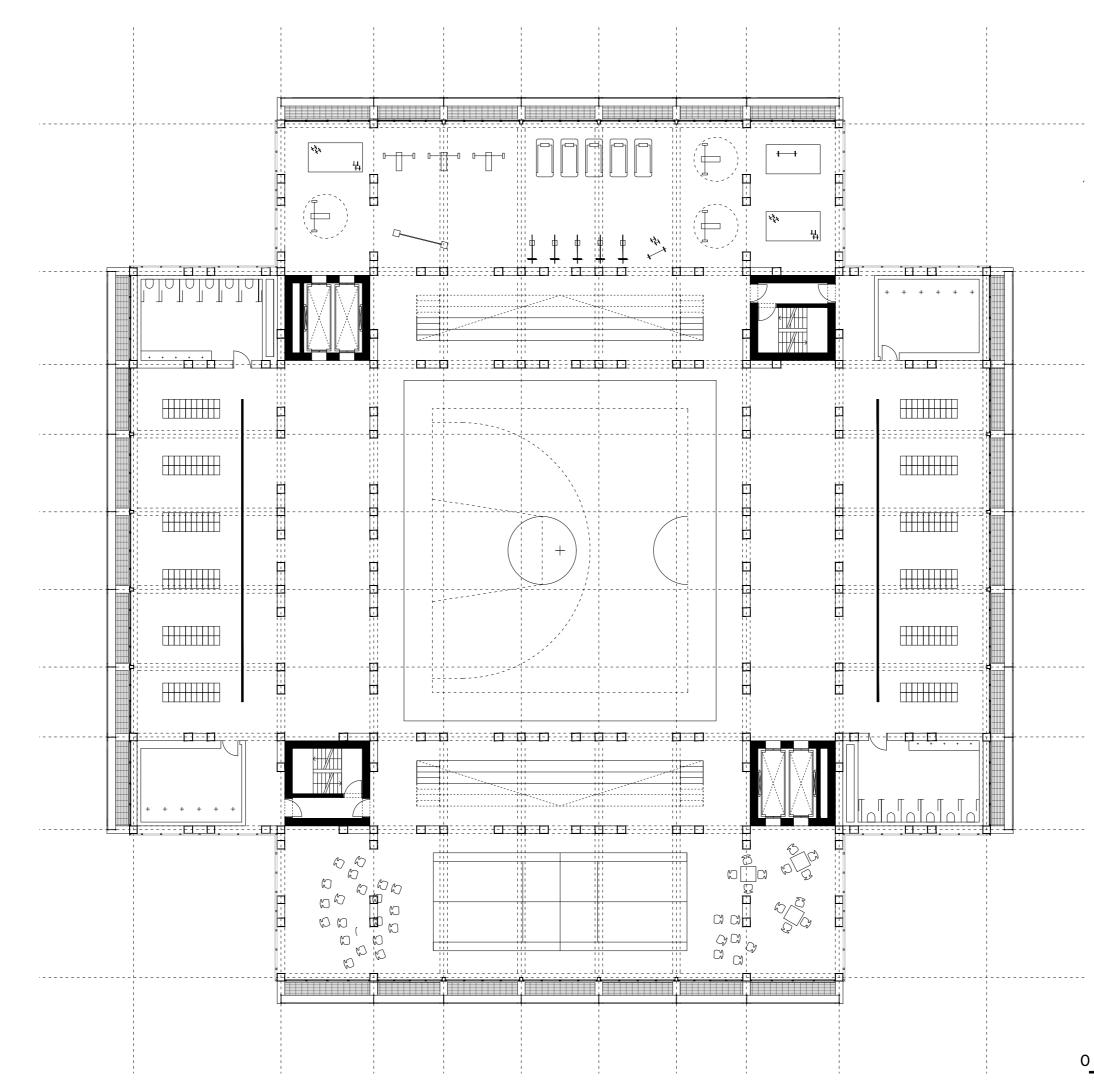
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music

studios



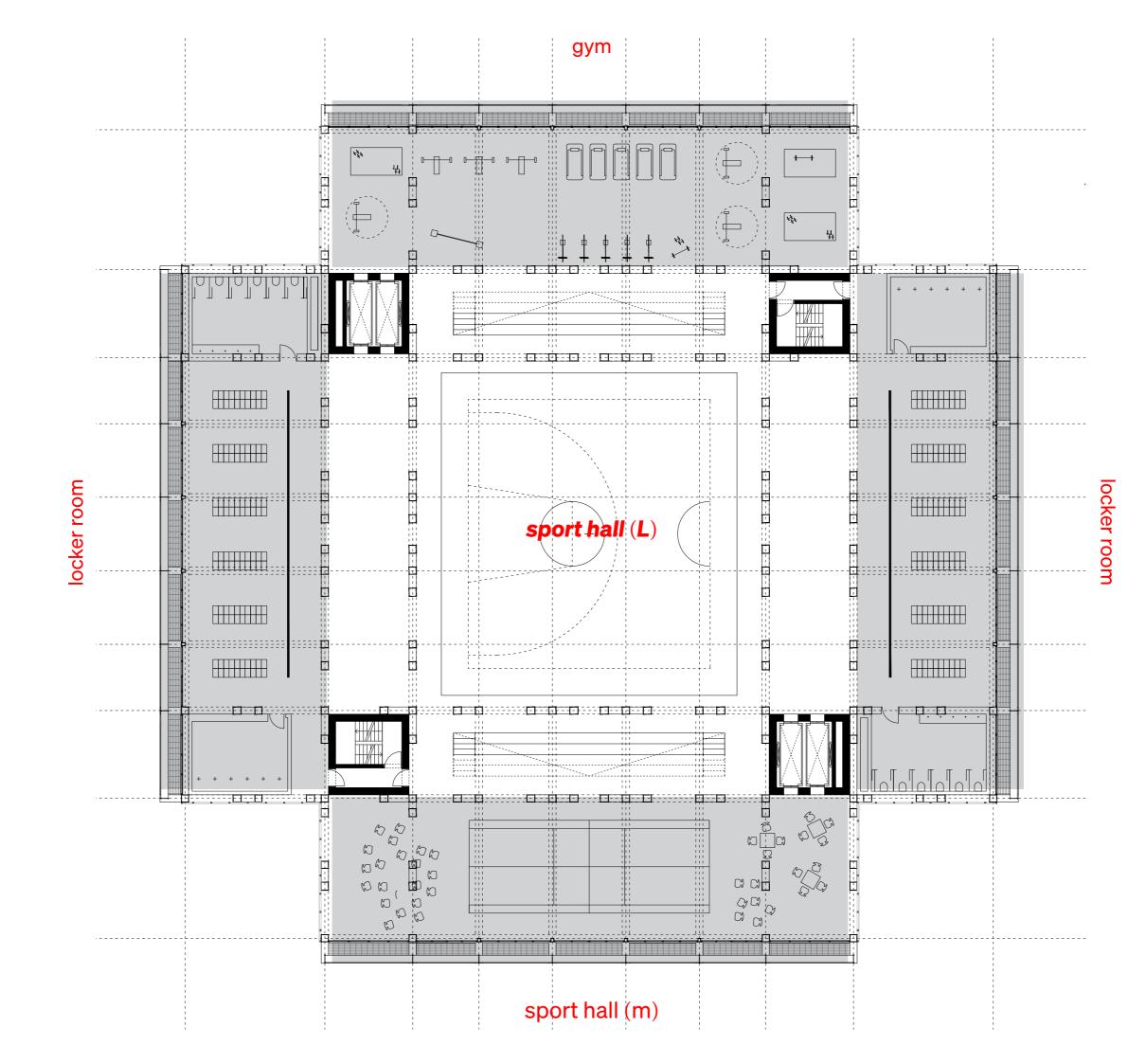


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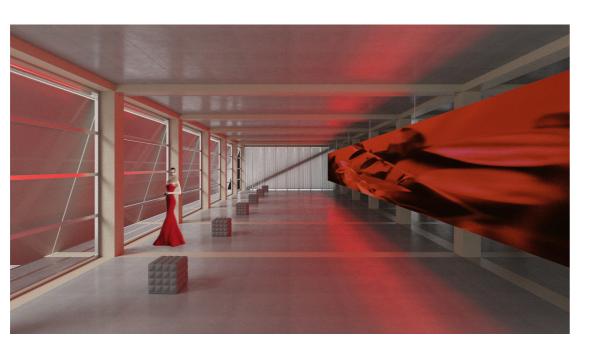
91/117















generic x sublime

Tonko Bonković







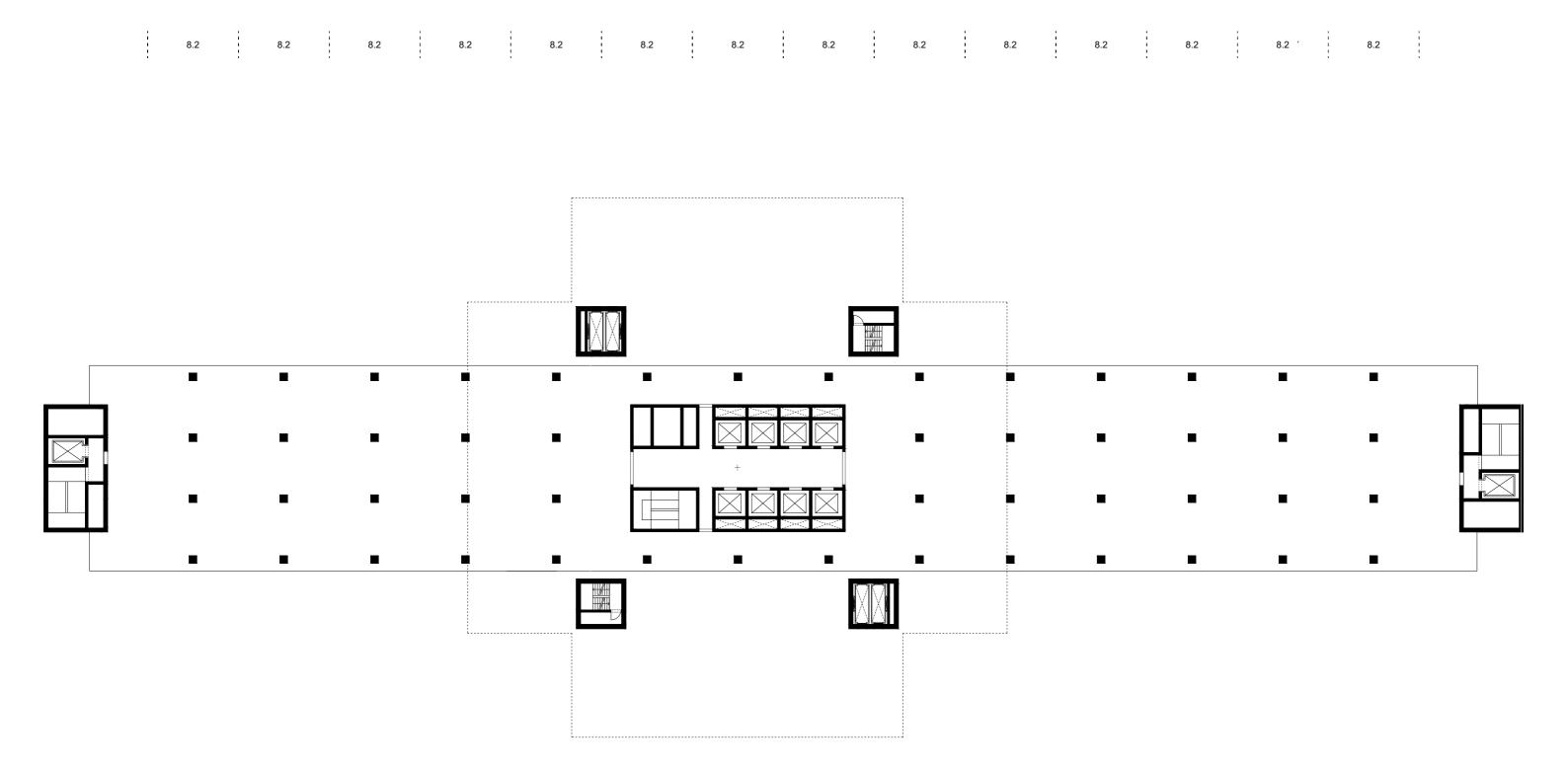


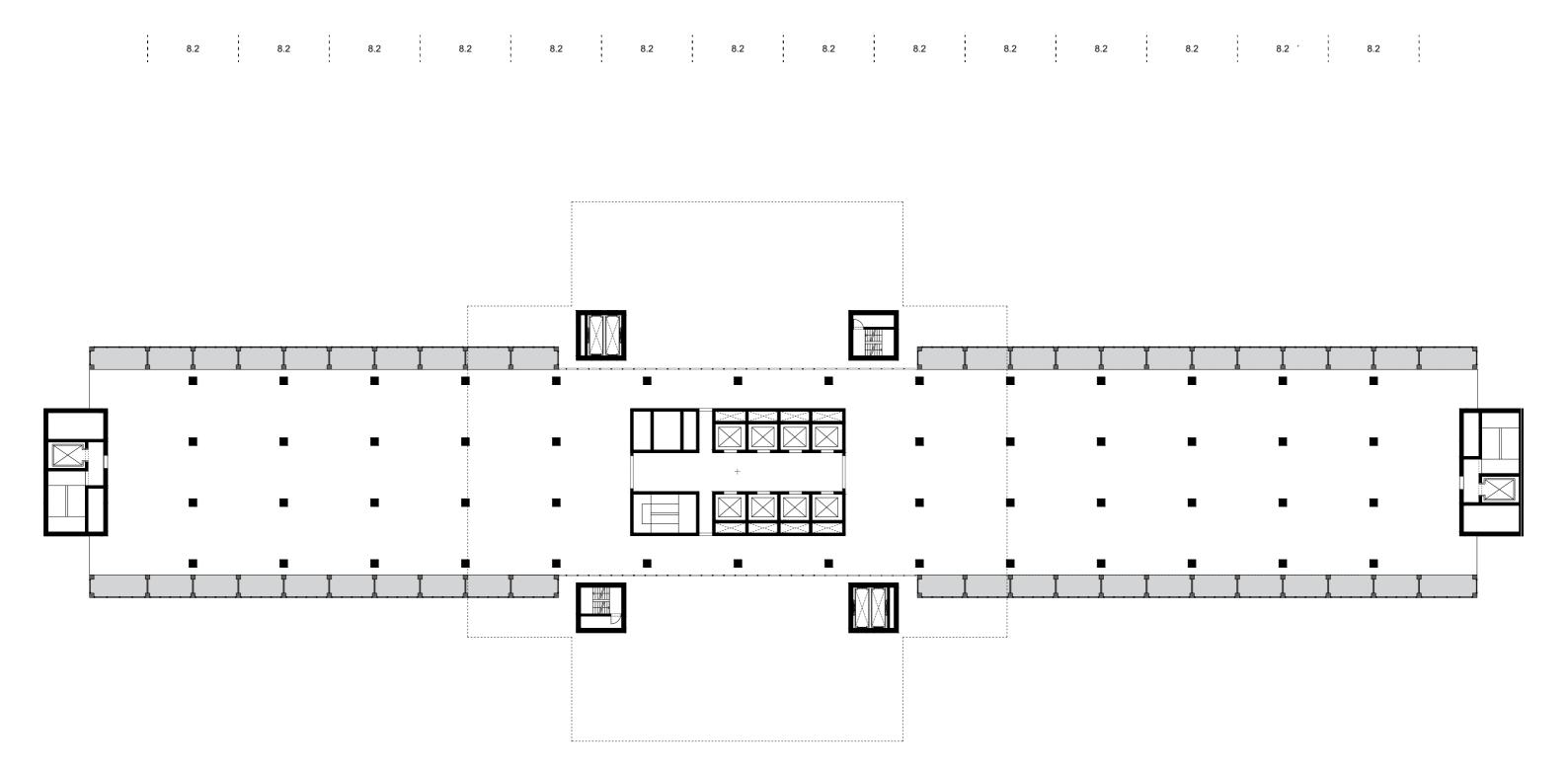


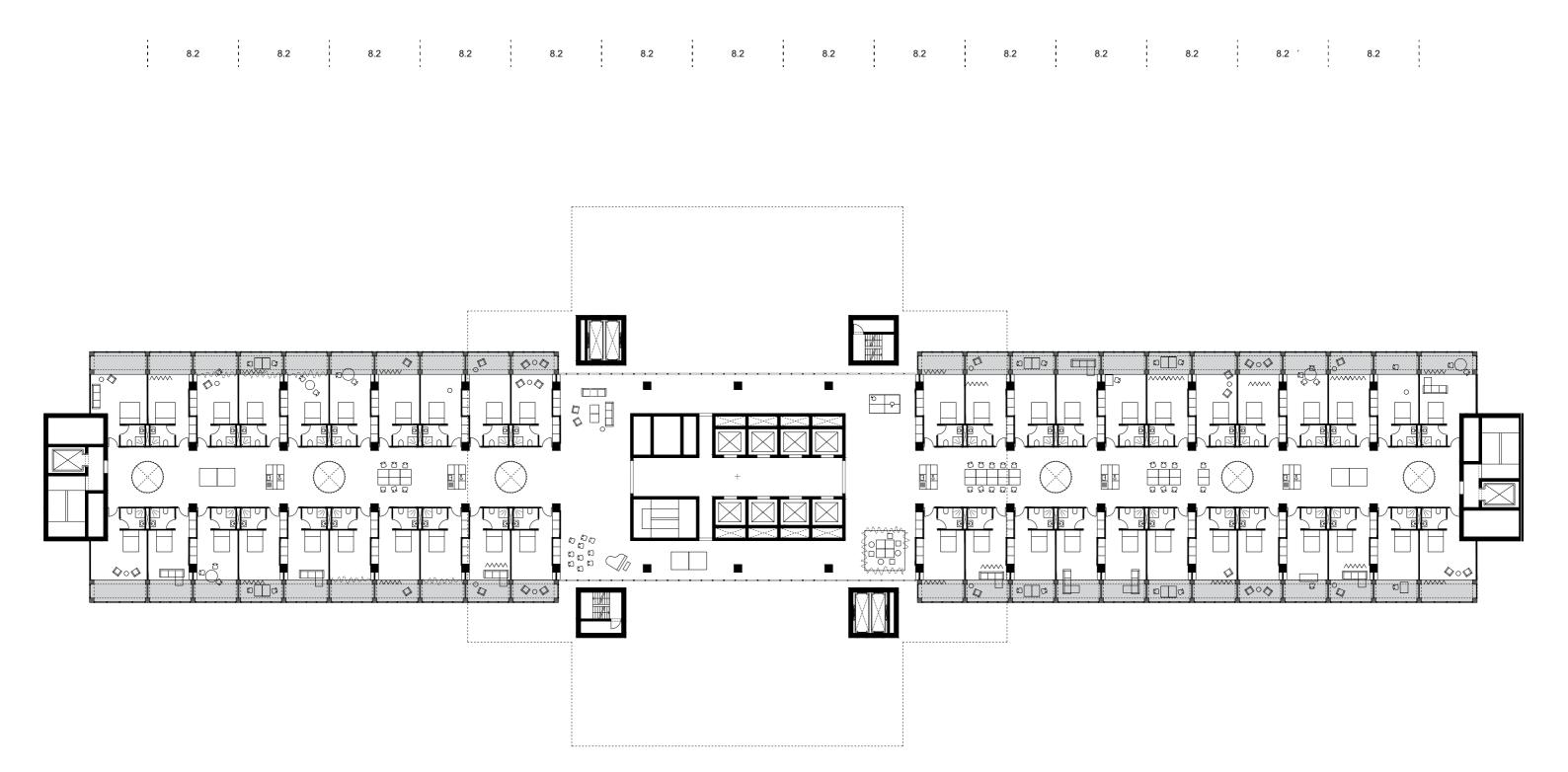


generic x sublime

Tonko Bonković



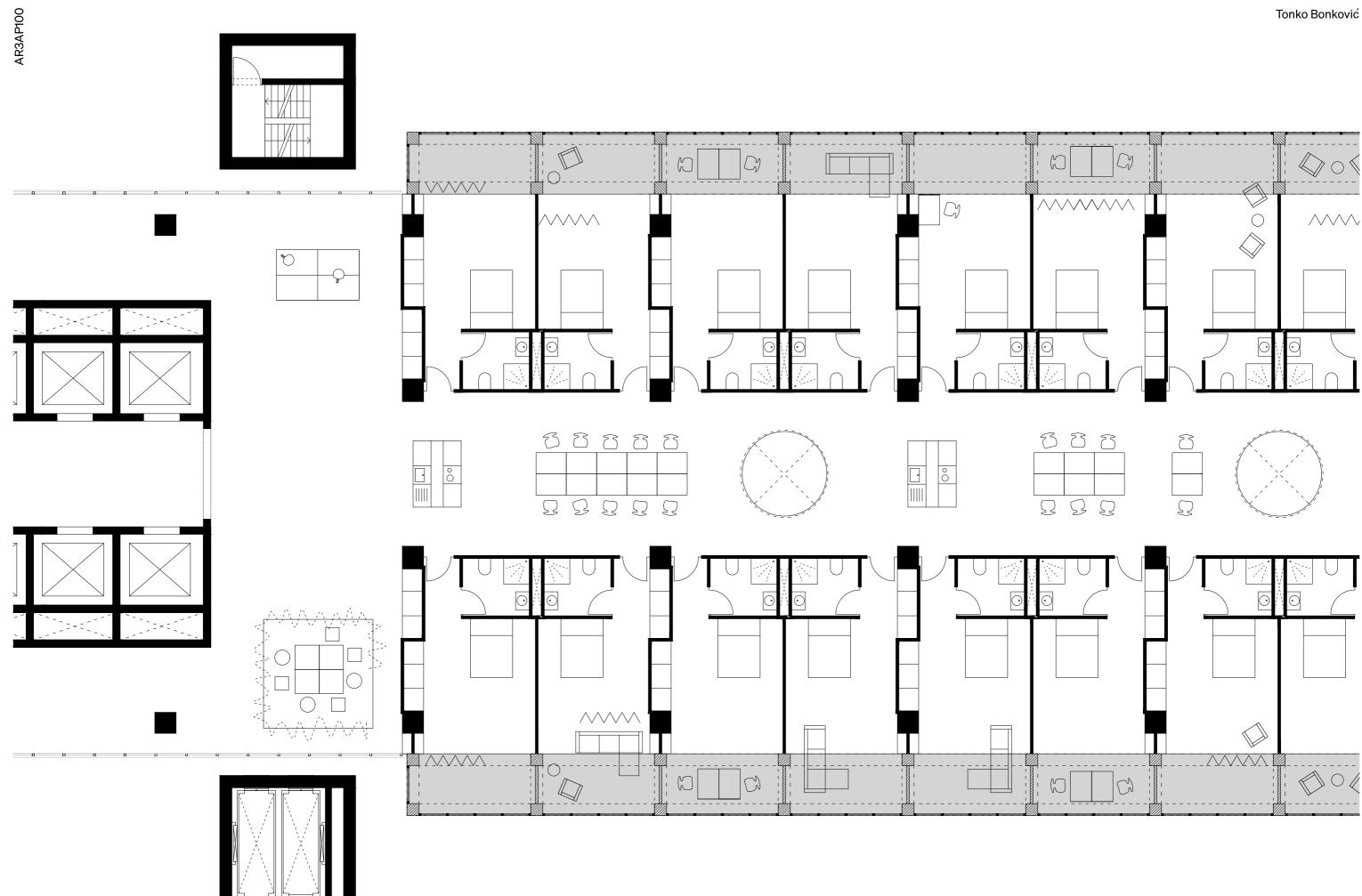


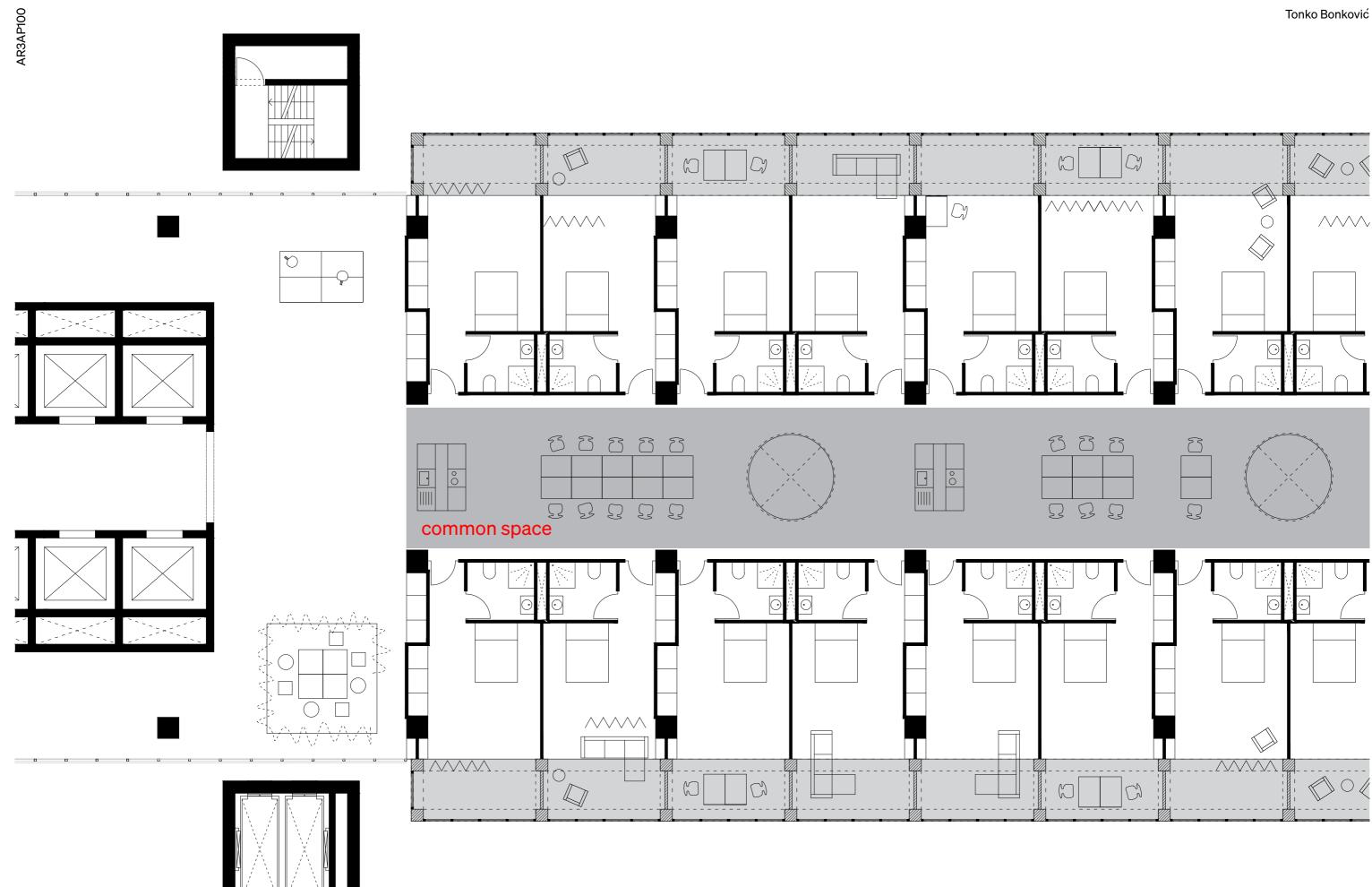


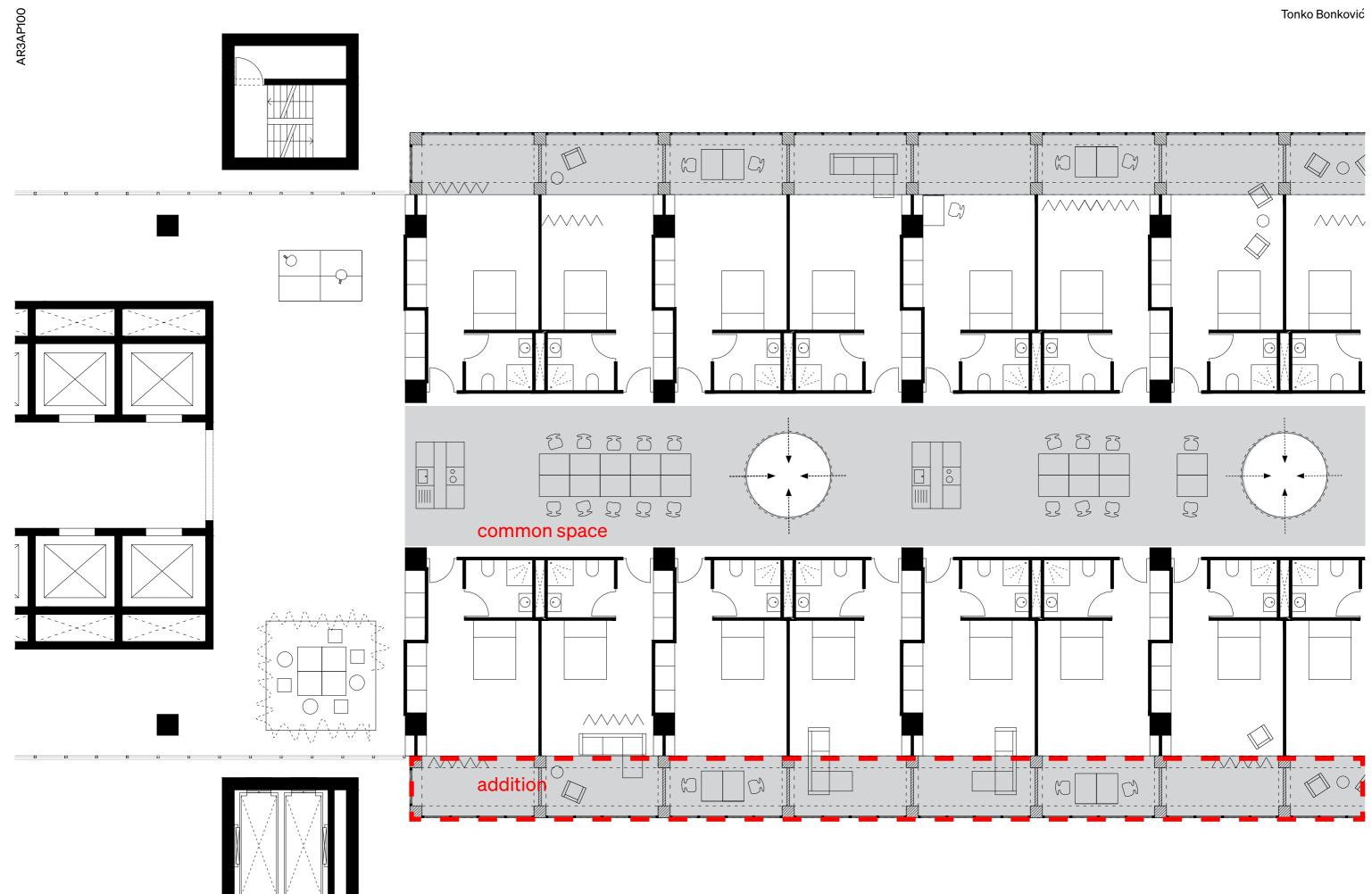
### 396 units

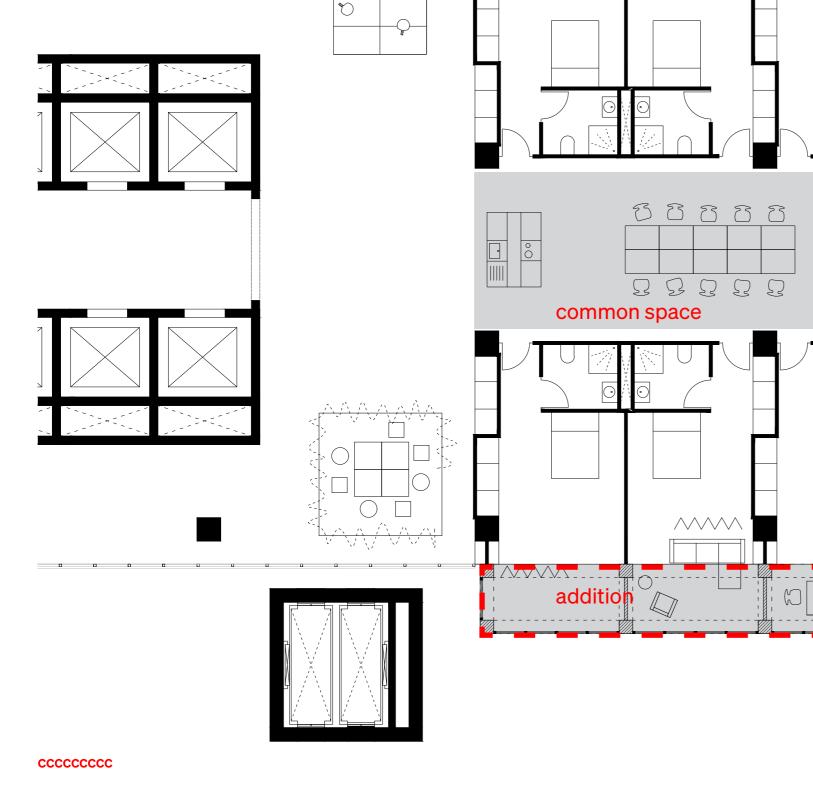
+ office space





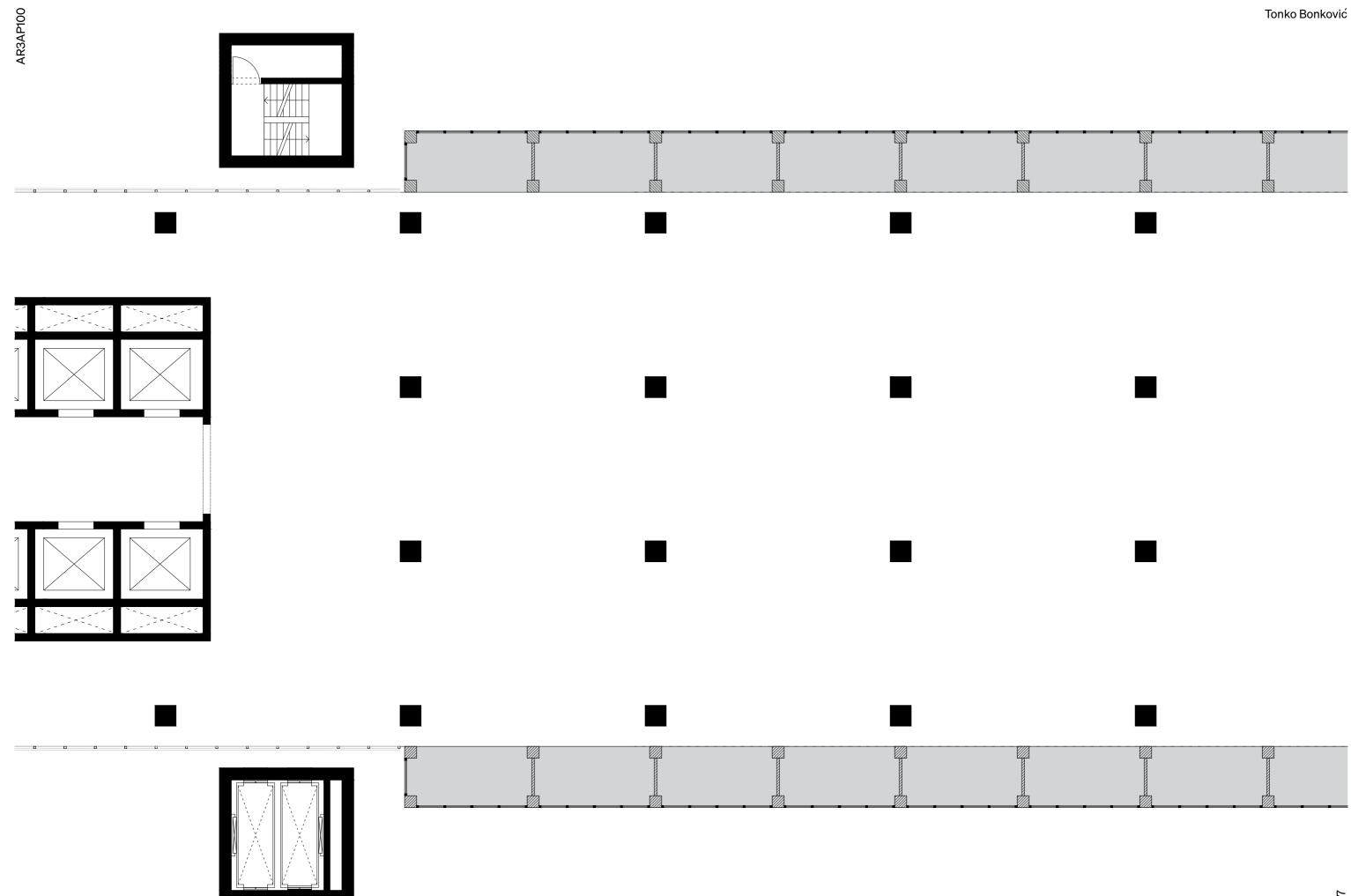


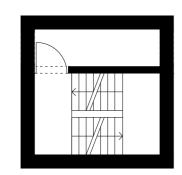


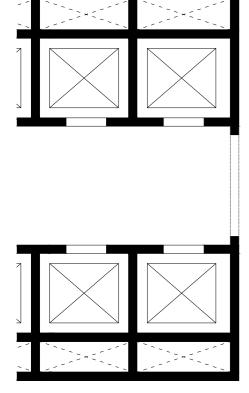


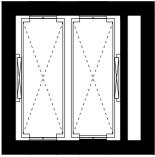


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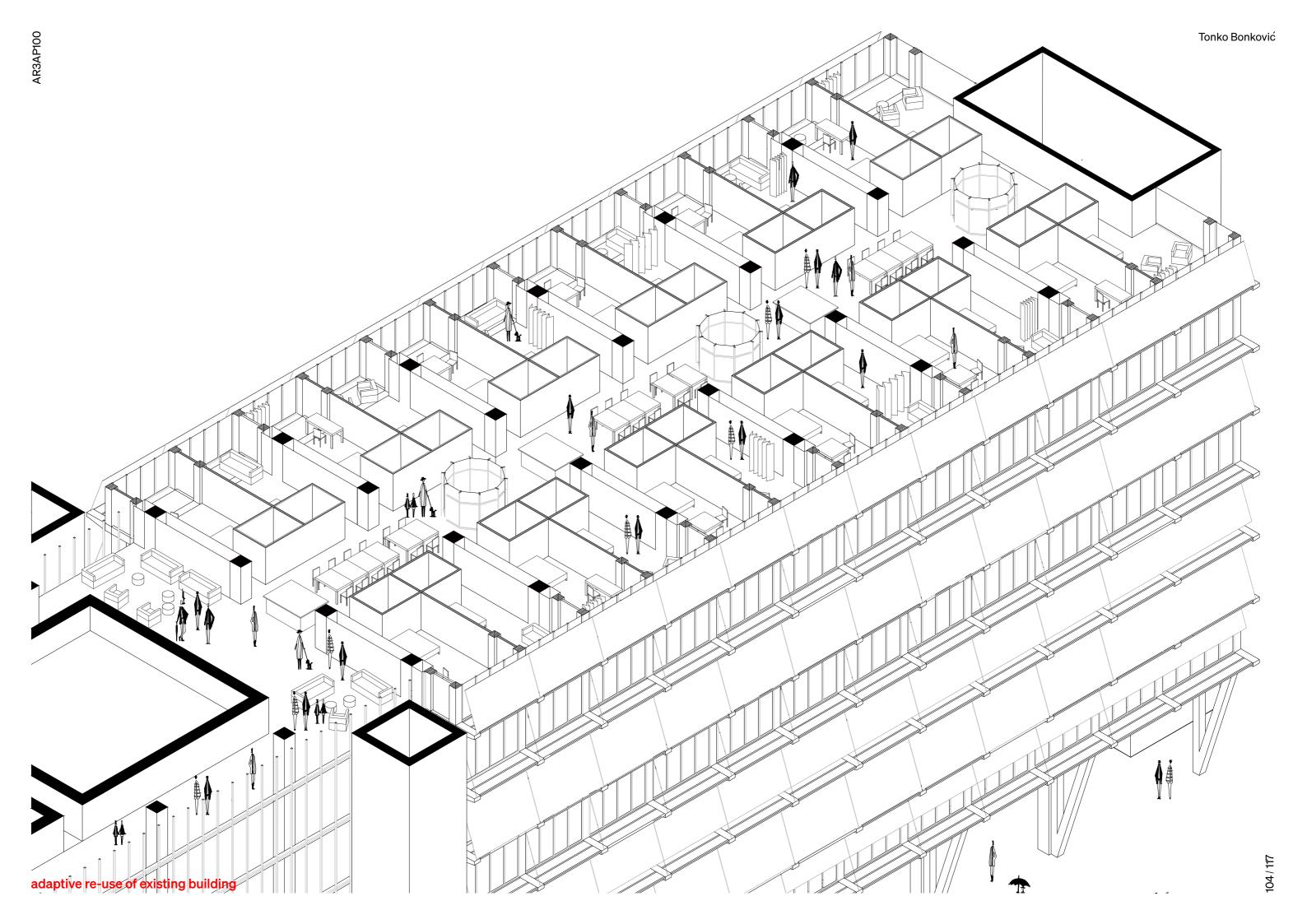


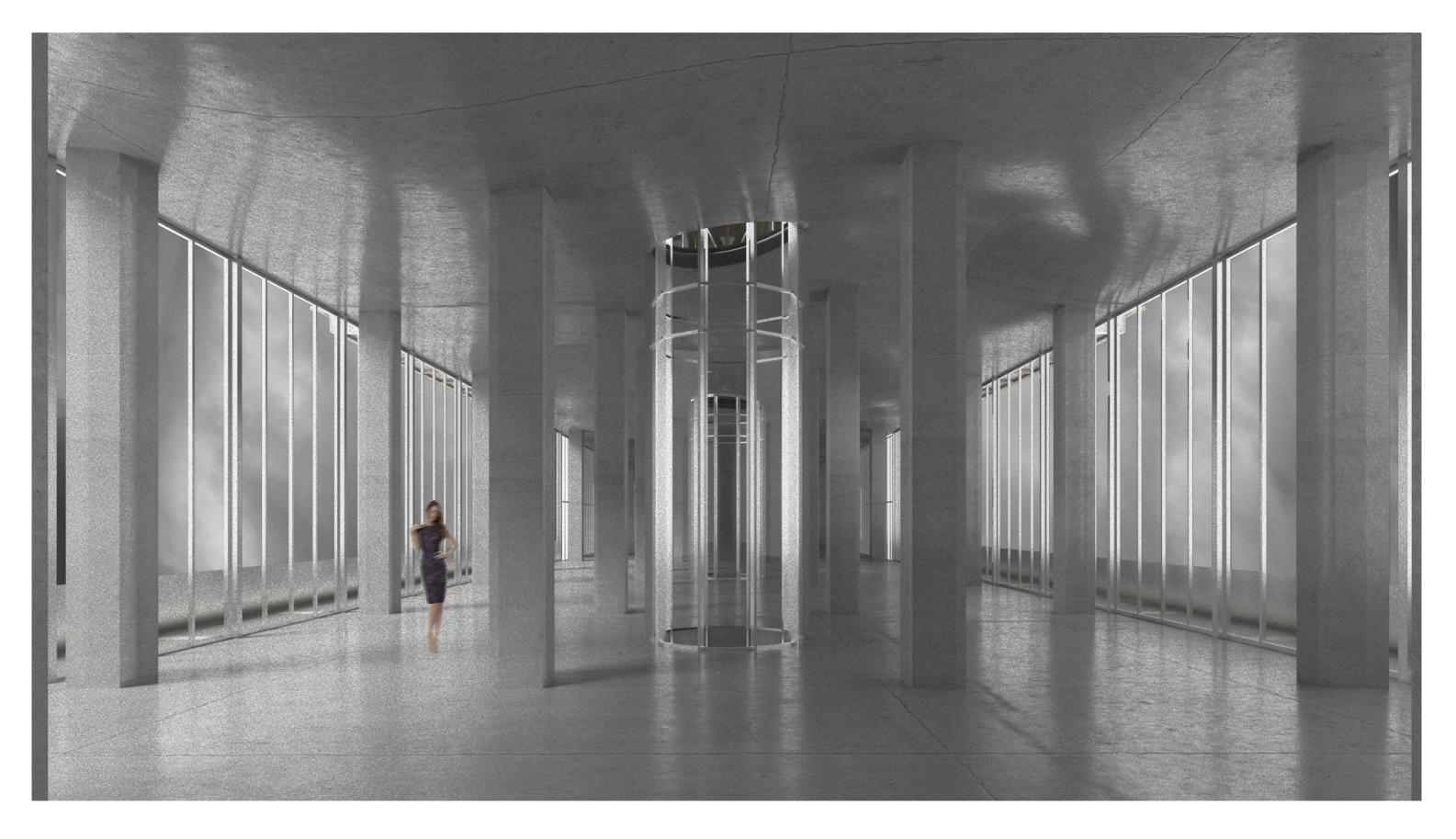


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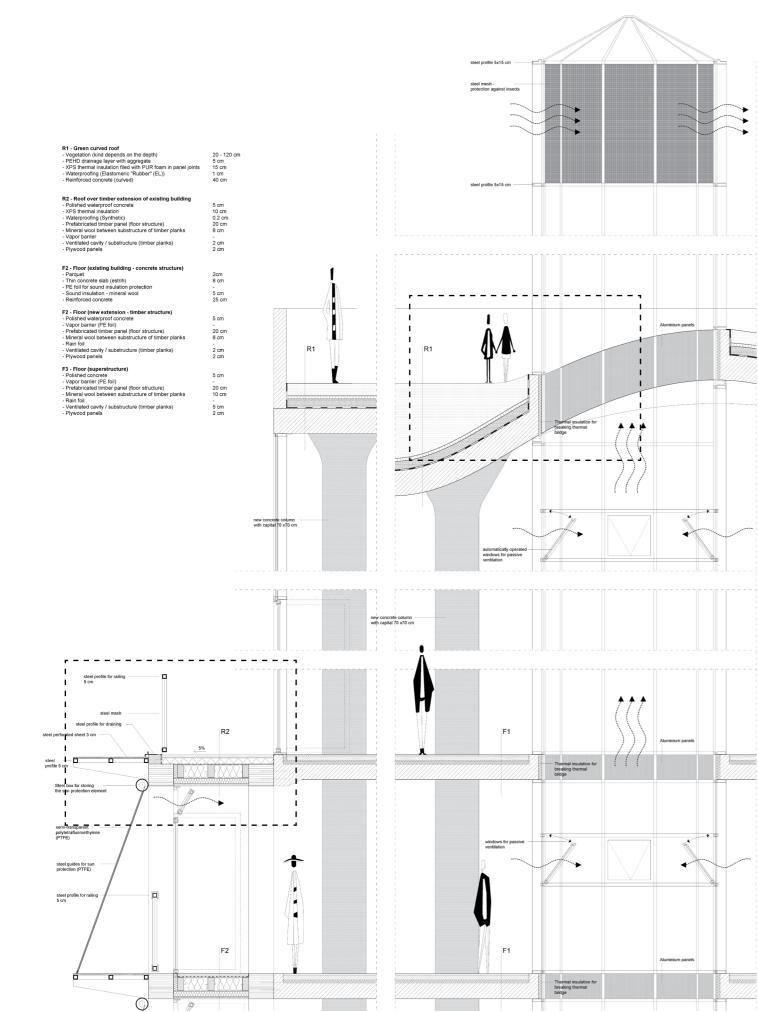
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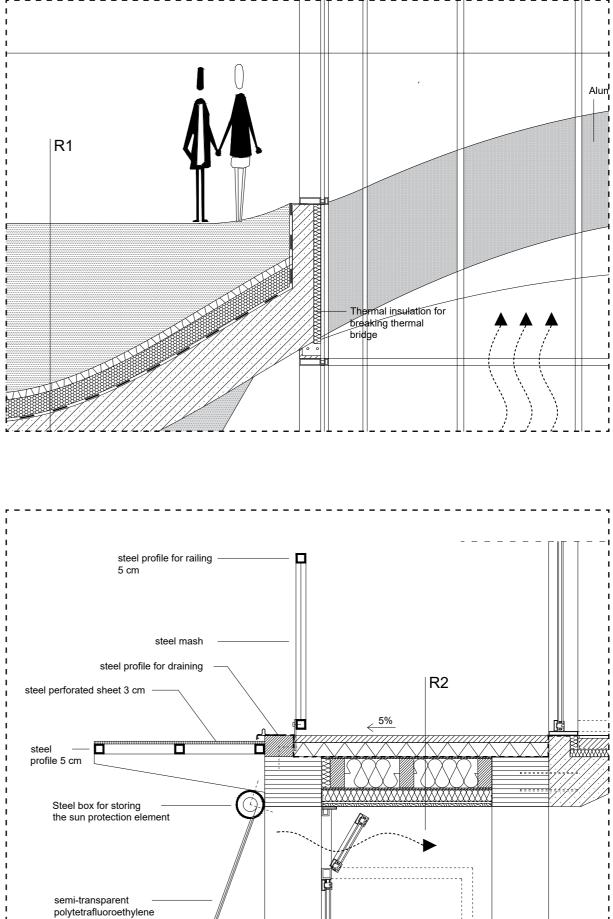
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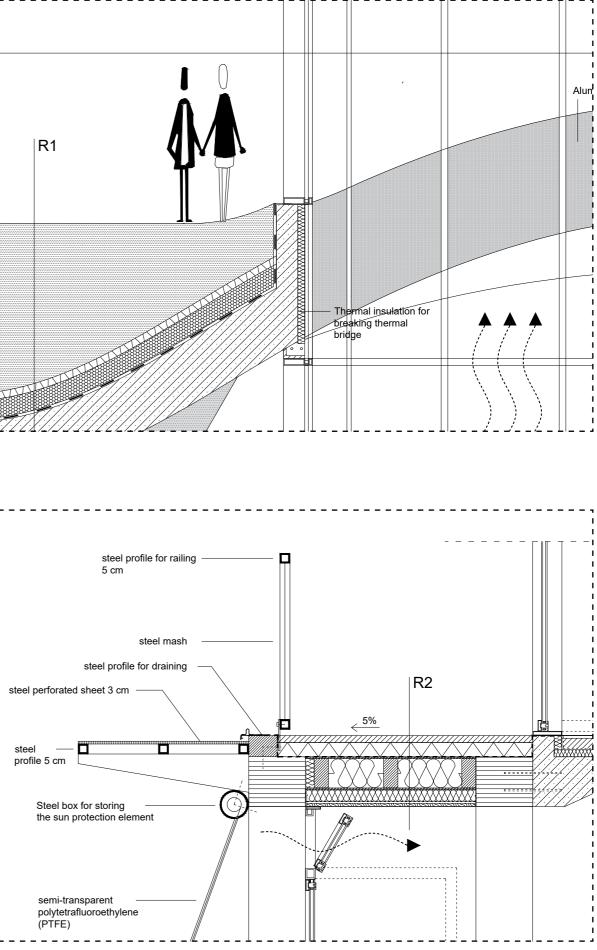








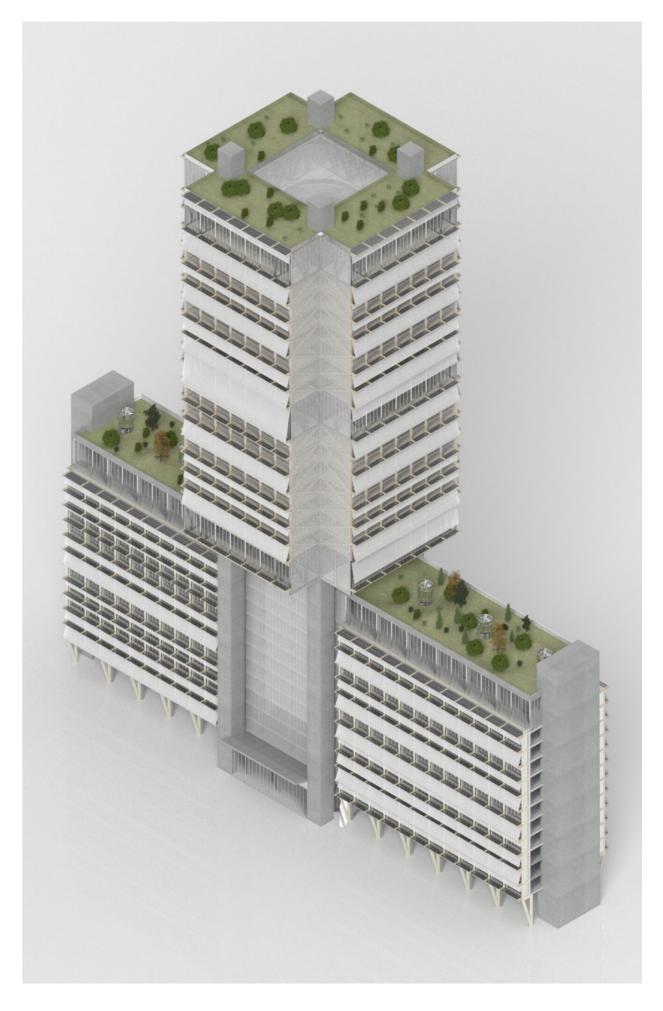




facade - existing building - adaptive re-use

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AR3AP100



#### reference: Radic, Teatro Biobio in Concepcion





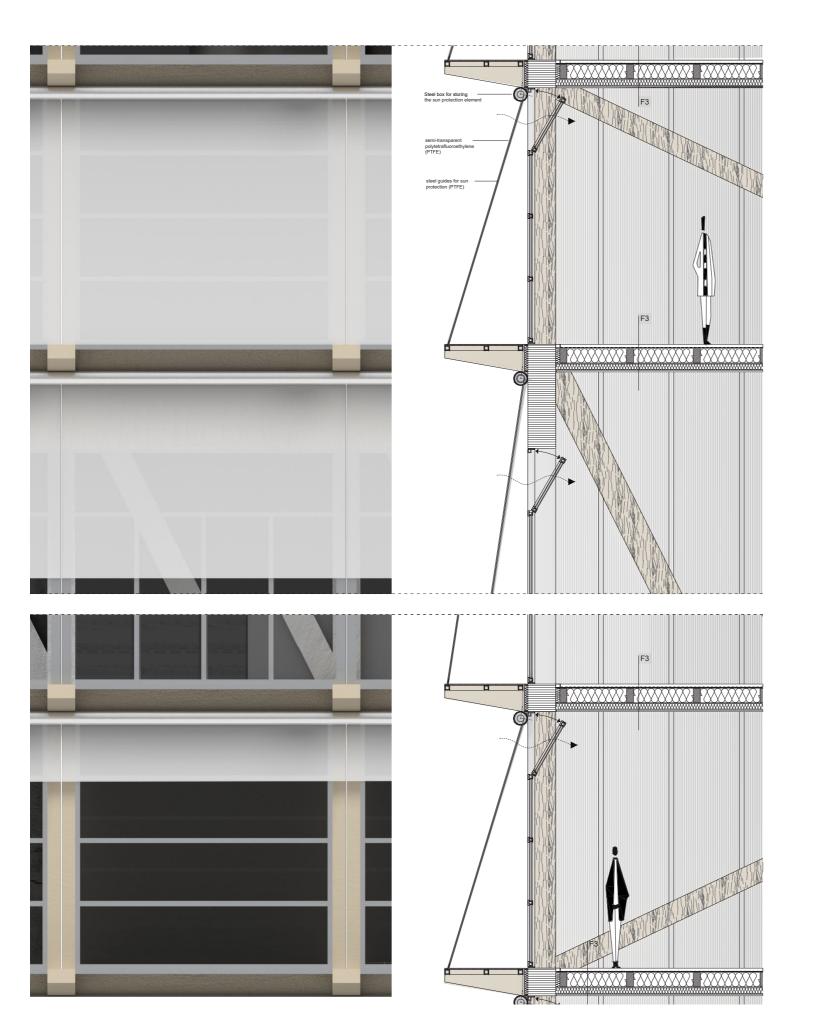
## PTFE (fabric membranes)

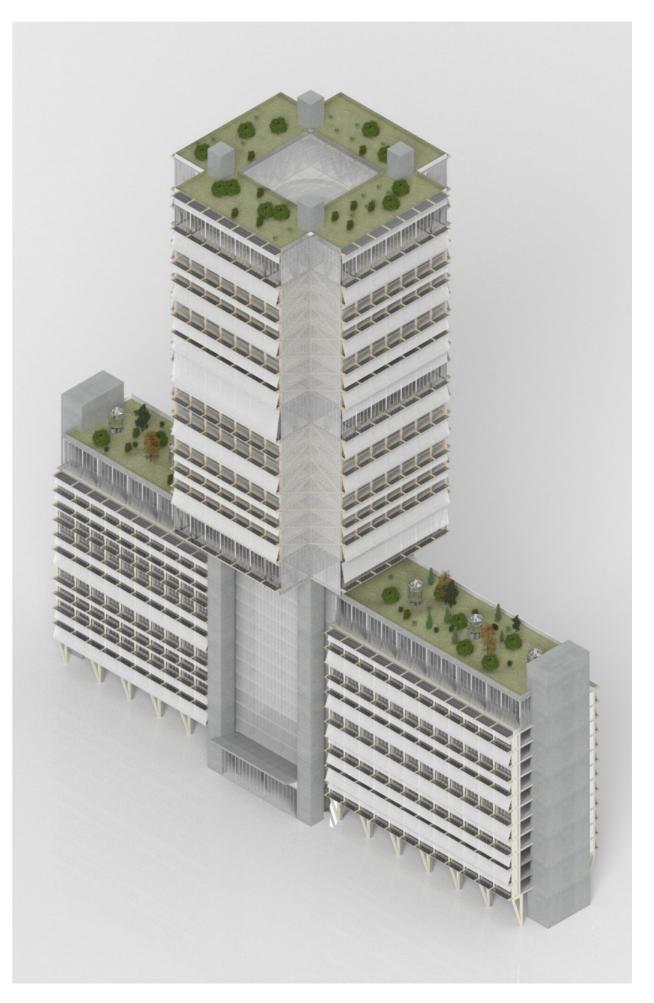
Polytetrafluroethylene:

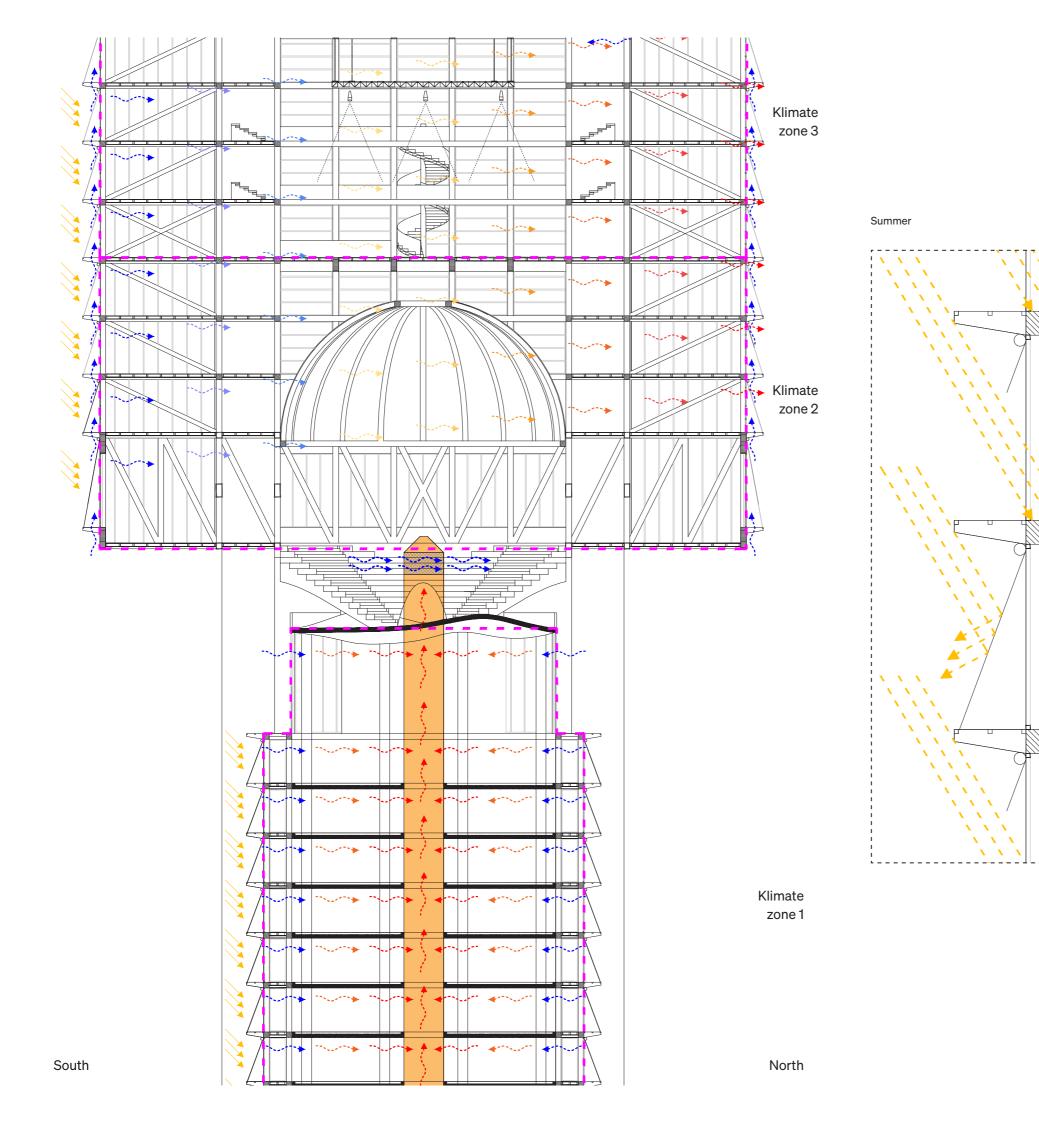
- waterproof
- resists UV rays
- chemically inert
- reflect as much as 60 % of visible light

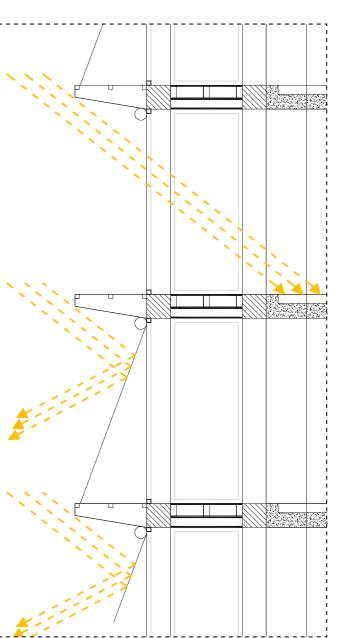
## Polycarbonat











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Winter

conclusion

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