

SOCIAL ACTS AT HEIGHT

Liberated from the loneliness and social isolation in high-rise buildings

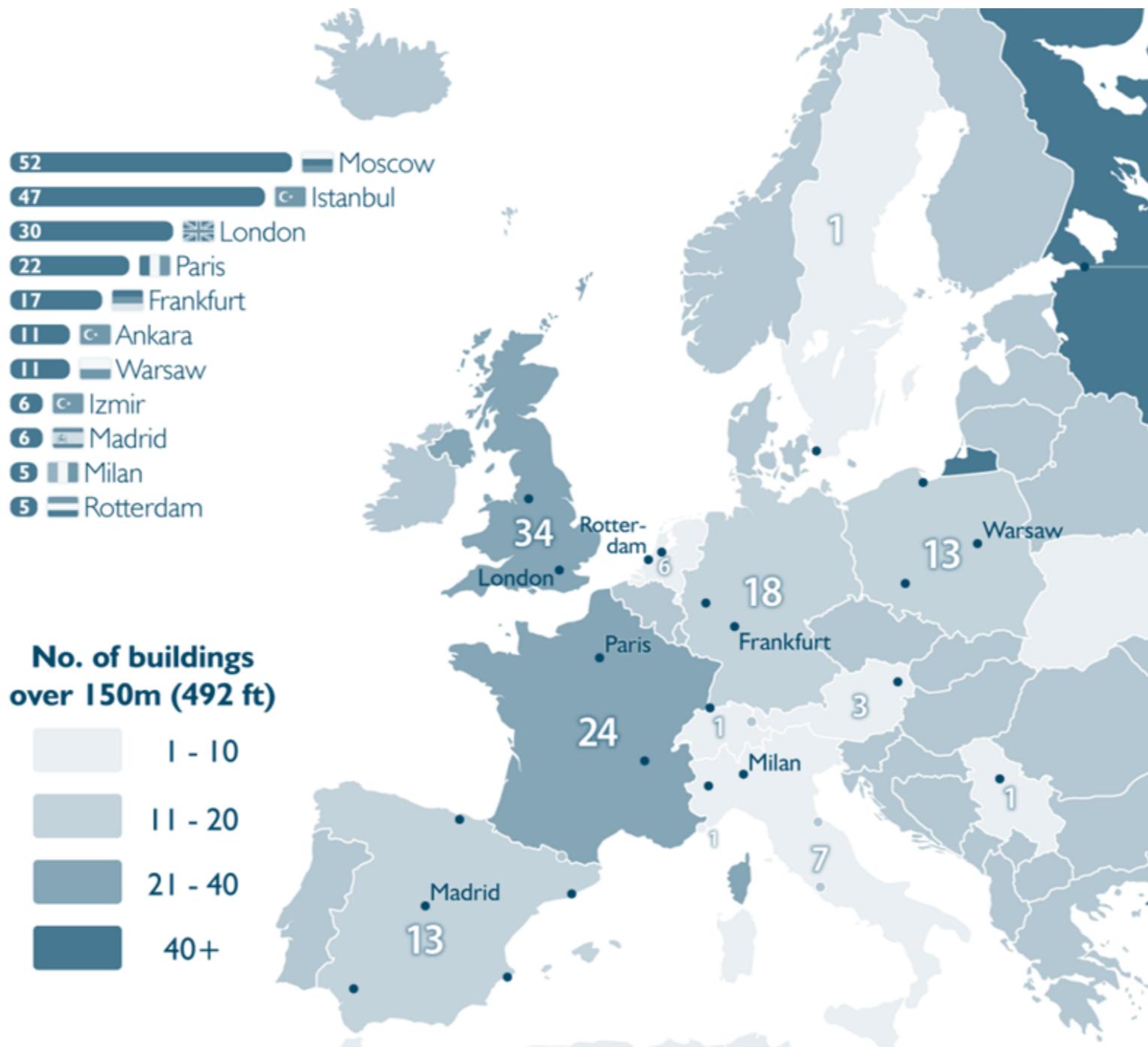
P5 presentation
MSC 3/4 City of the Future

Linda Tran Nguyen
Technical University Delft
Faculty of Architecture
04-07-2024



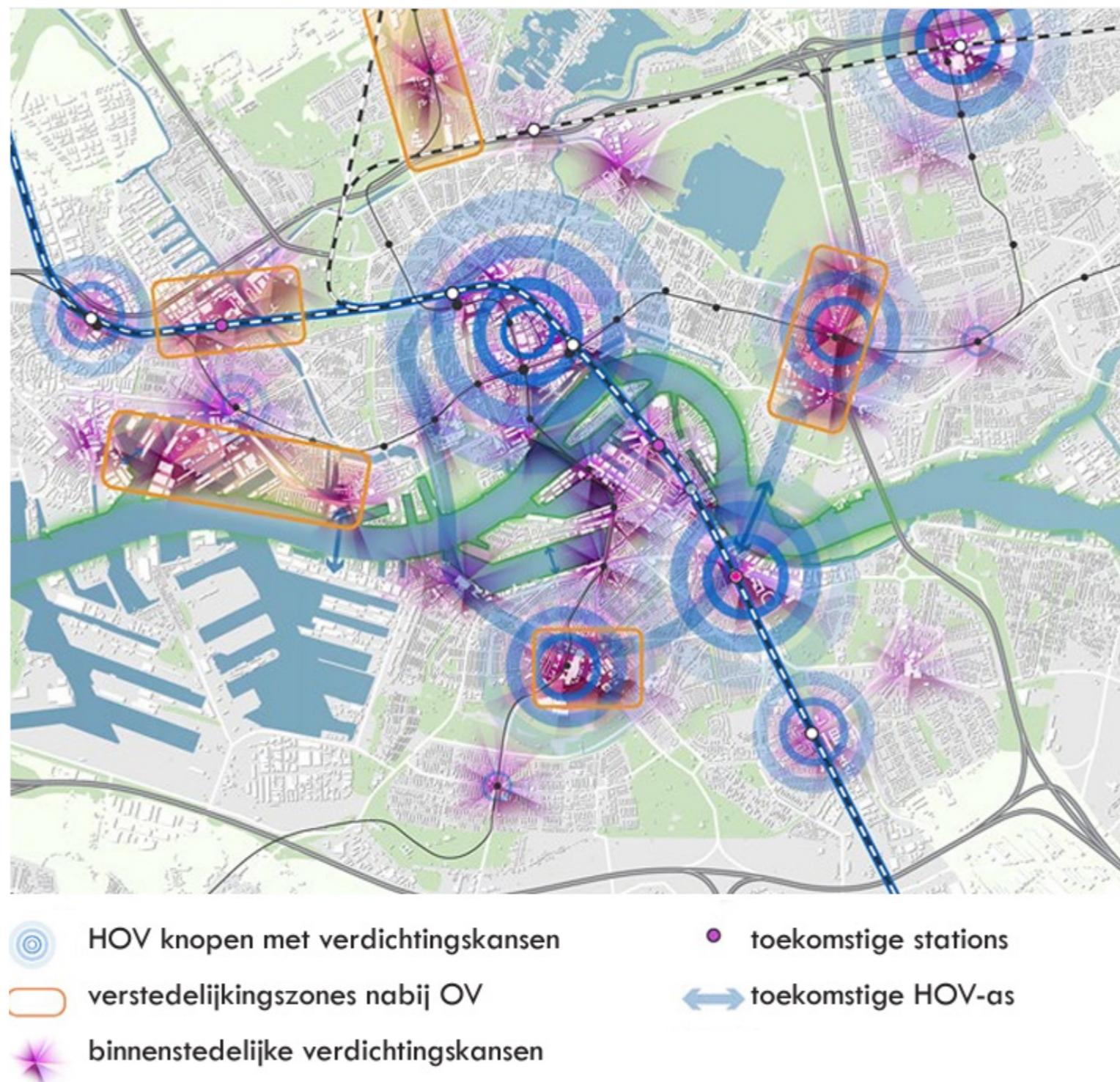
“Despite the stunning panoramic views and the convenience of modern amenities, there are times when I feel like I’m living in a bubble, disconnected from the world below.”
– Maru Kim, 4 March 2023.

The growth of high-rise

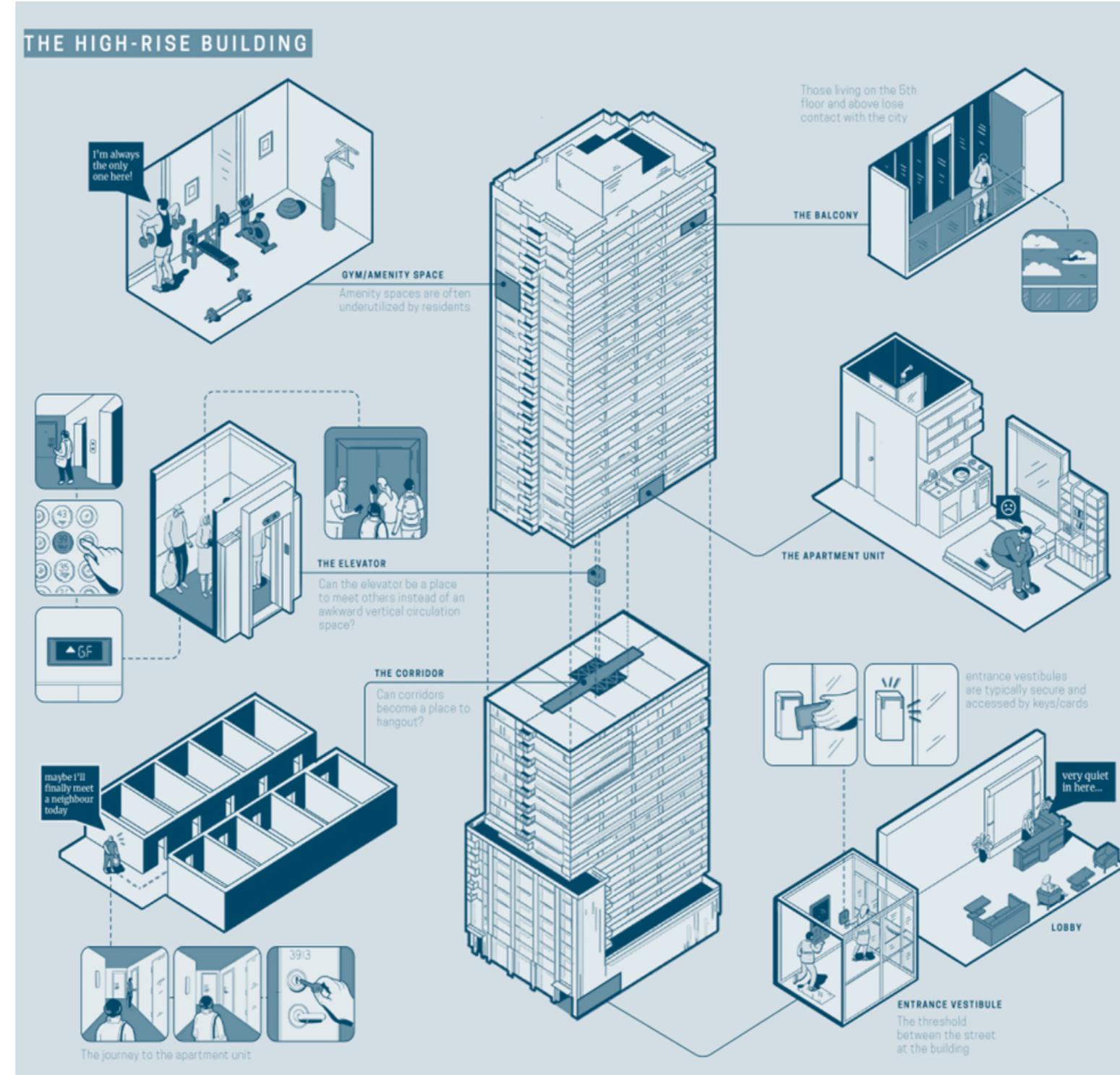


CTBUH, 2021: Emporis 2021

Densification opportunities in Rotterdam

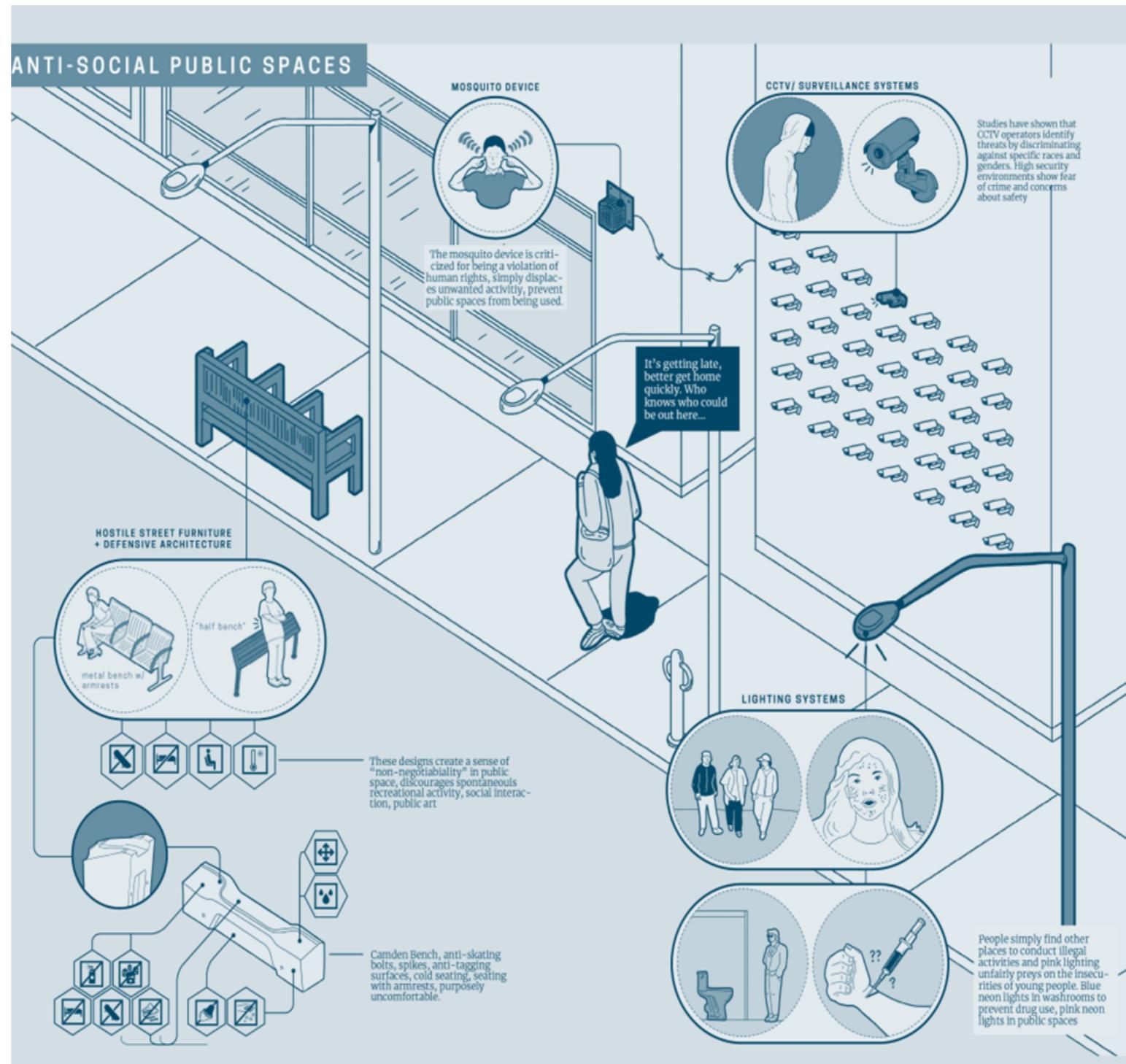


The growth of the high-rise typology



Fu, K. (2020). <https://medium.com/humanics/strangers-in-the-sky-a-designers-guide-to-tackling-urban-loneliness-part-a-31991bd66e60>)

The anti-social city



Fu,K.(2020).<https://medium.com/humanics/strangers-in-the-sky-a-designers-guide-to-tackling-urban-loneliness-part-a-31991bd66e60>)

What It's Like To Be Young and Extremely Lonely In A Big City (Ben Copeland, 2018)

"Most people look forward to the weekend, but for me, it's the other way around. I look forward to Monday so I can speak to people at work."

"People feel lonelier in crowded cities- but green spaces can help."

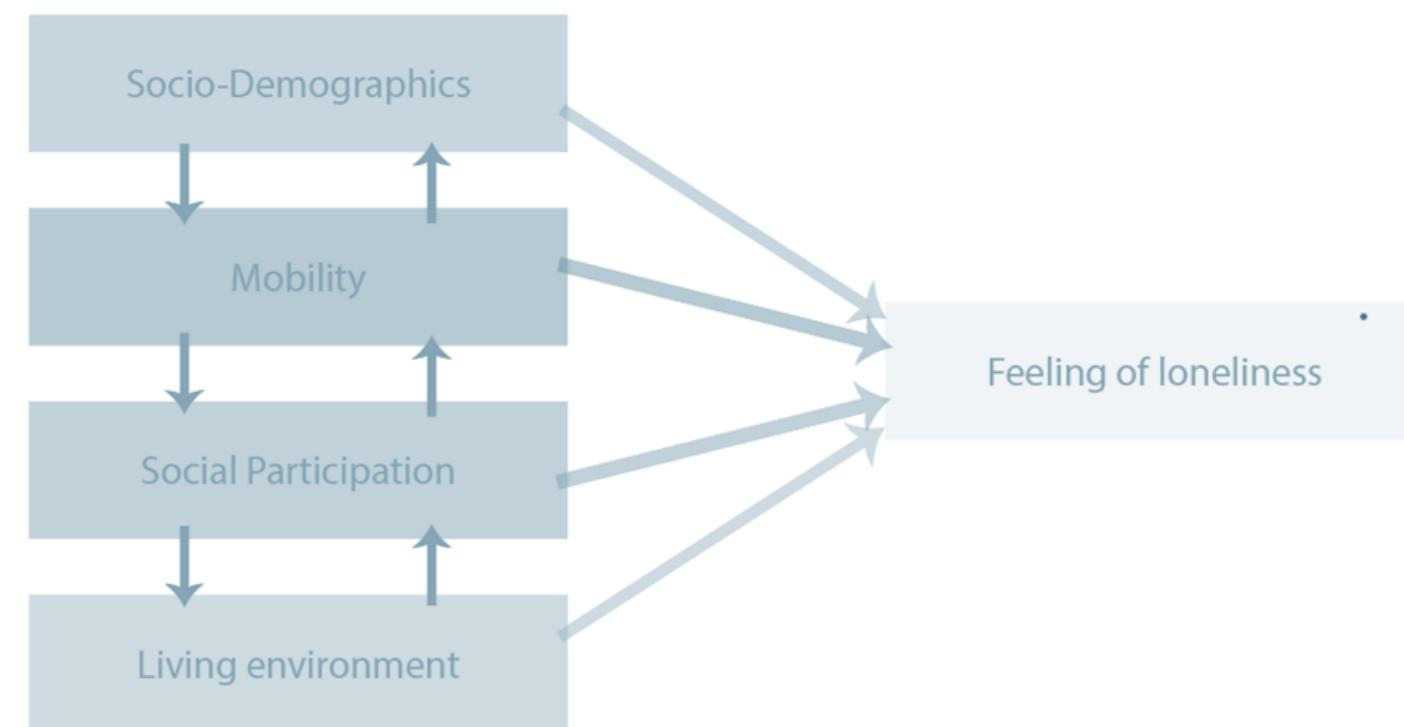
Published: December 20, 2021 (Andrea Mechilli, 2021)

"How do I not feel lonely living on my own in a studio apartment?"
(Connor Lishman, 2019)

Social loneliness

	DIFFERENT COMPARTMENTS OF SPACE		
	Social Spaces	Attentional Spaces	Architectural Spaces
3 Dimensions of Loneliness	Weiss, 1973	Dunbar, 2014	Hall, 1966
Intimate	Emotional	Inner Core	Ortigue et al., 2006
Relational	Social	Sympathy Group	Intimate
Collective	-	Active Network	Personal
			Near Extrapersonal
			Far Extrapersonal
			Semi-Public Space
			Public Space

Fu, K. (2020). <https://medium.com/humanics/strangers-in-the-sky-a-designers-guide-to-tackling-urban-loneliness-part-a-31991bd66e60>)



Casestudies



Cooltower



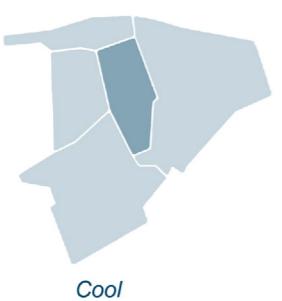
New Orleans



Zalmhaven I



The Red Apple



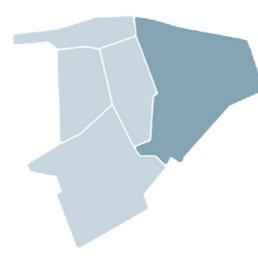
Cool



Kop van Zuid

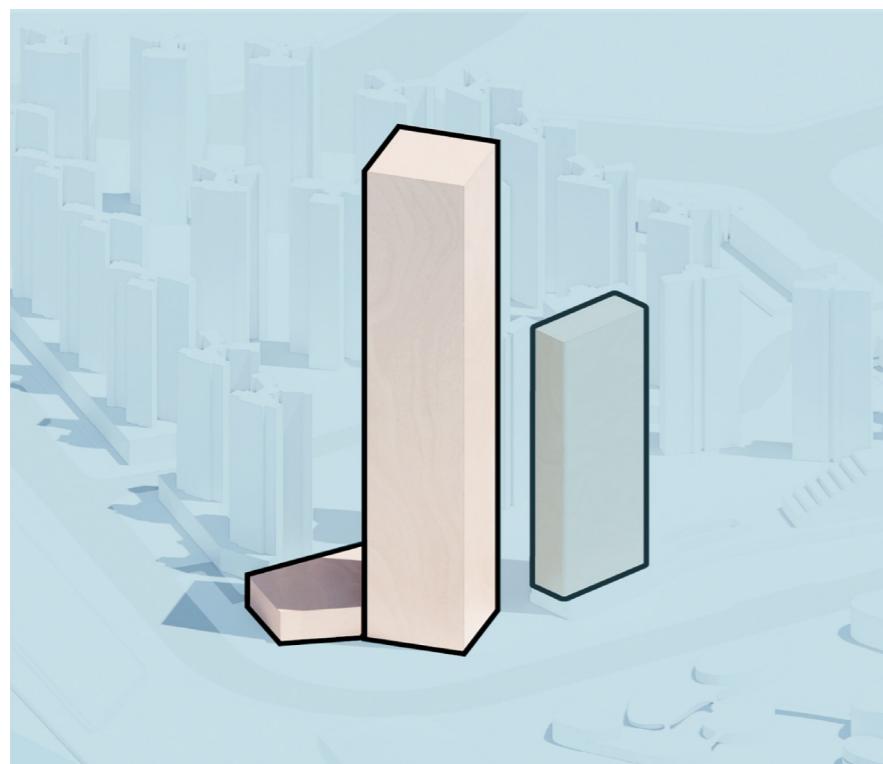


Nieuwe werk / Dijkzigt

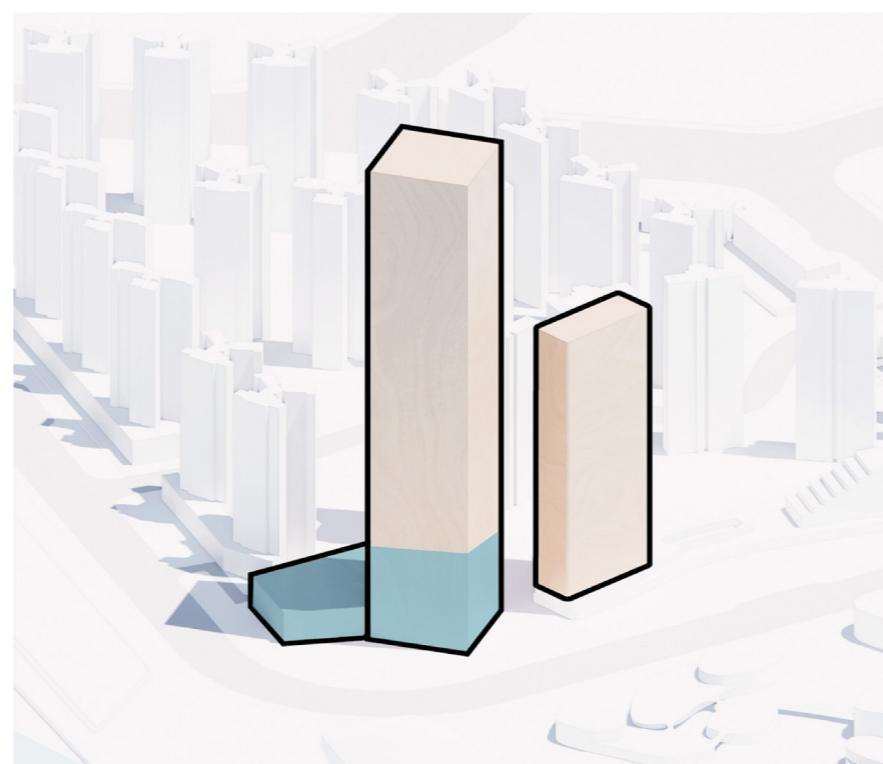


Stadsdriehoek

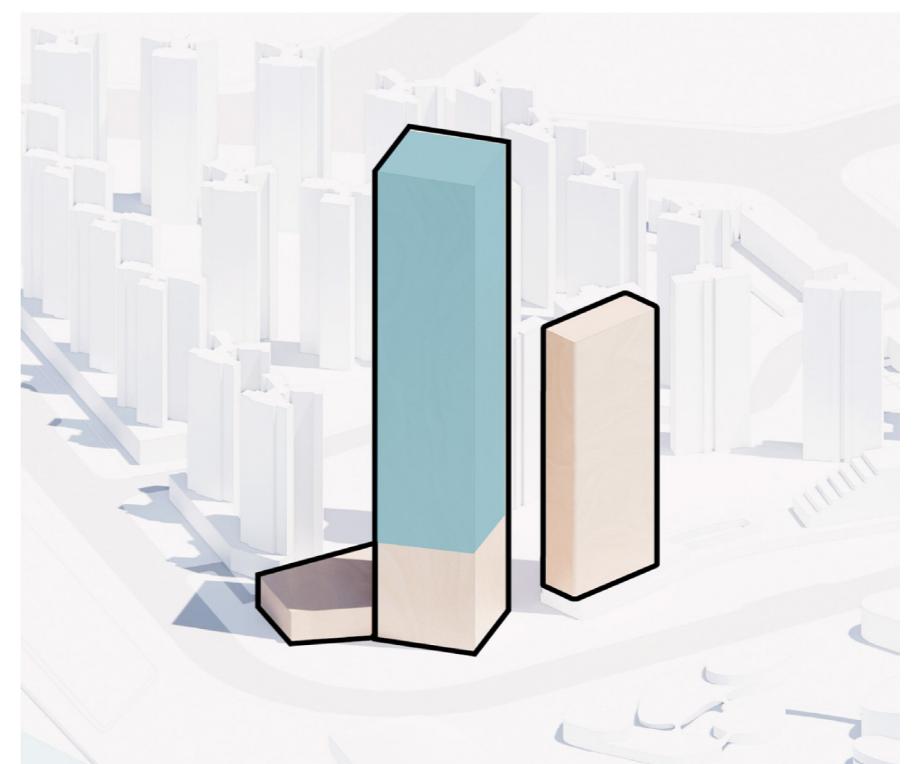
Focus points



Context



Plinth



Public interior

Context - negative highlights

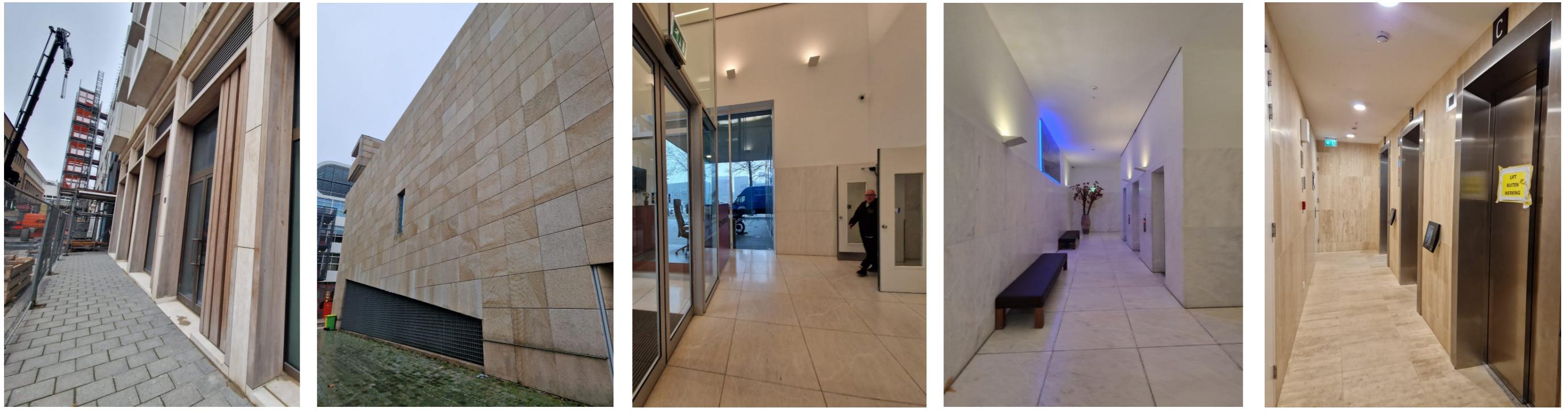


Human scale

Mobility

Interconnecting

Plinth - negative highlights

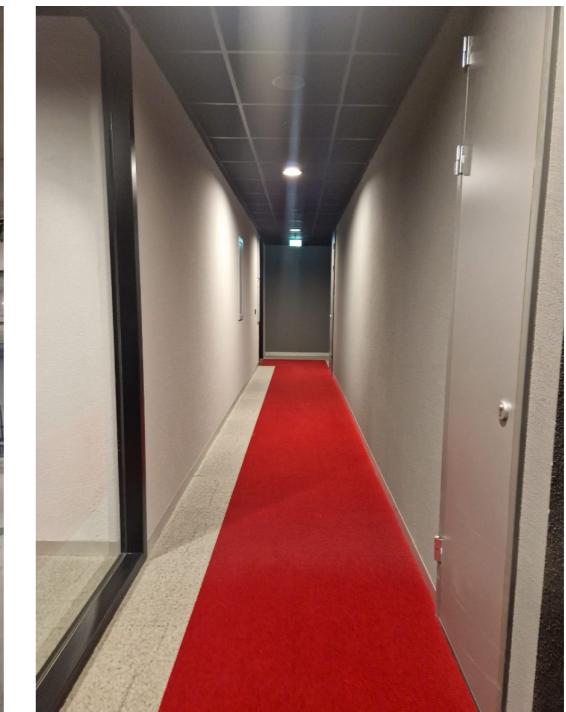
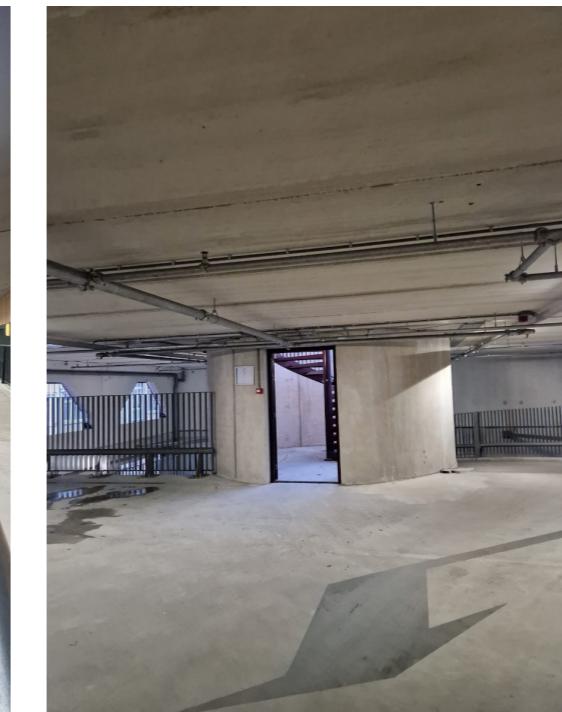


Accessibility

Diversity

Functions

Public interior - negative highlights

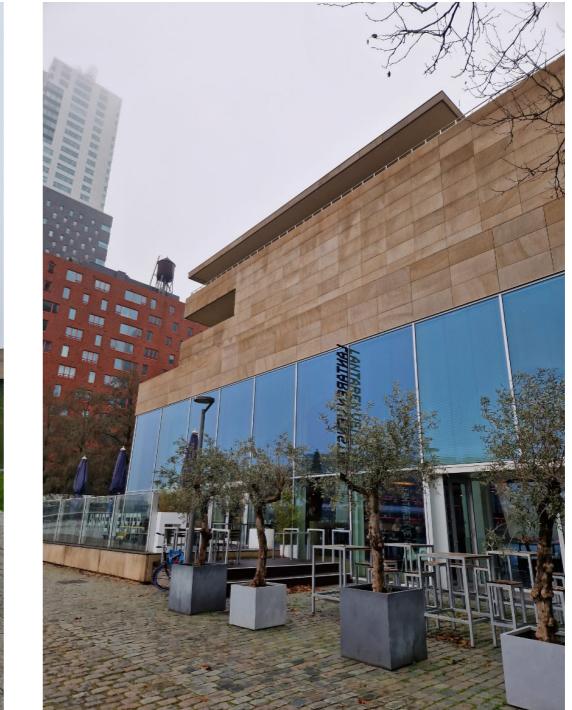
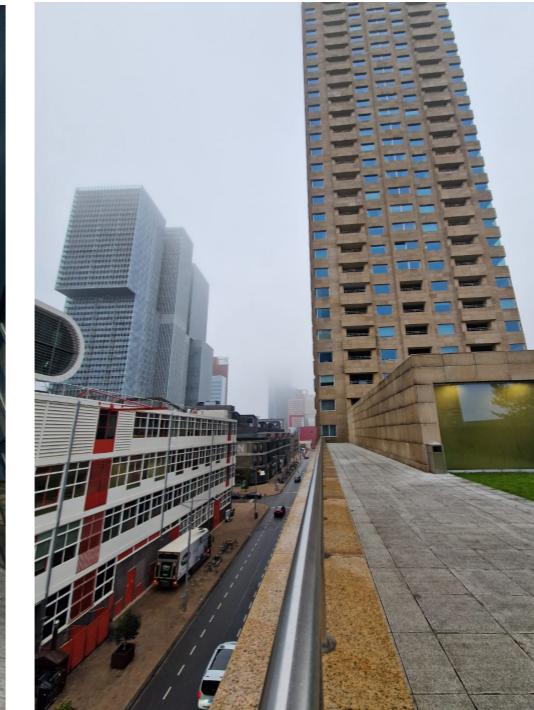


Flexibility

Social interaction

Sense of belonging

The positive highlights

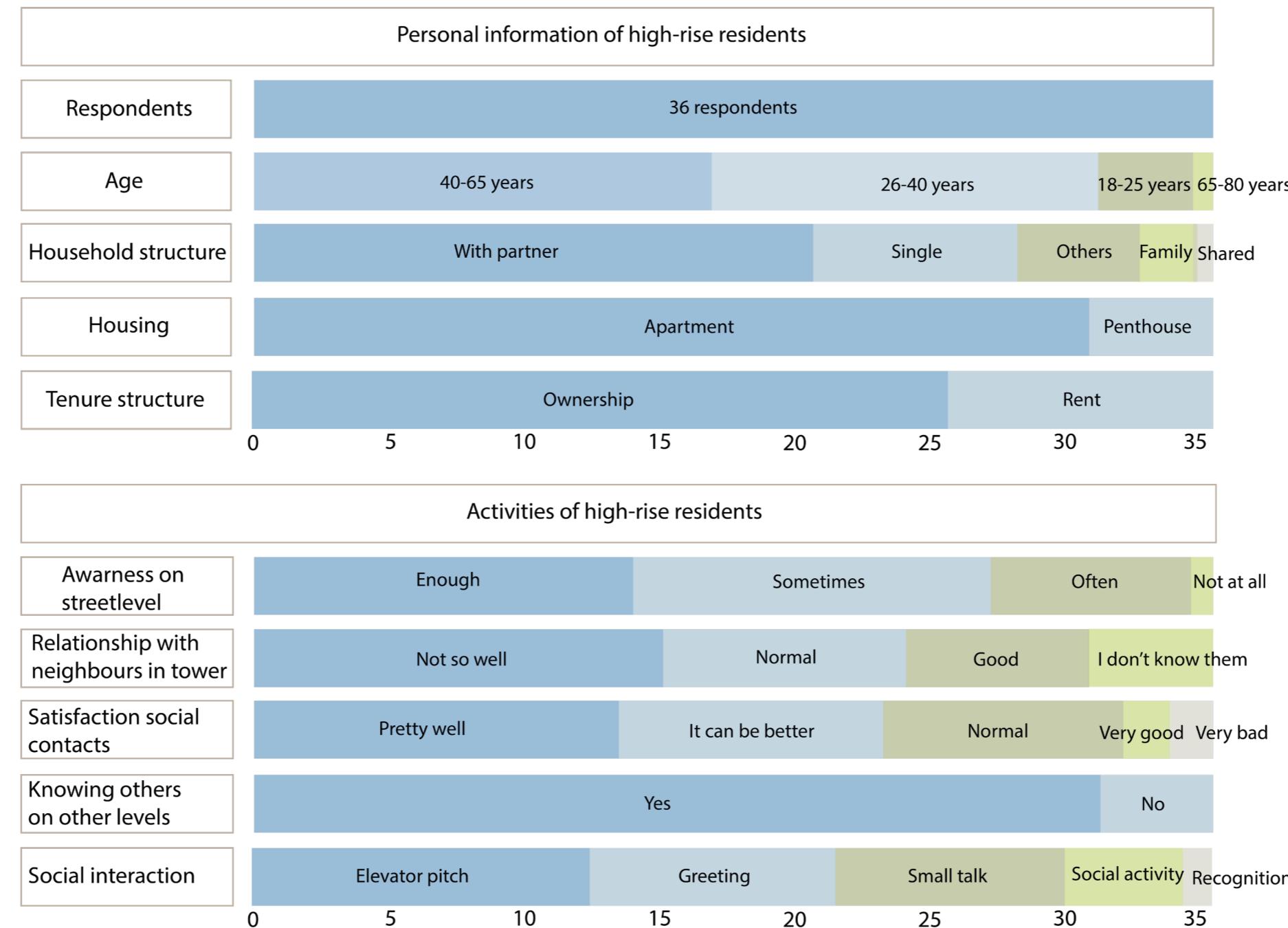


Daylight

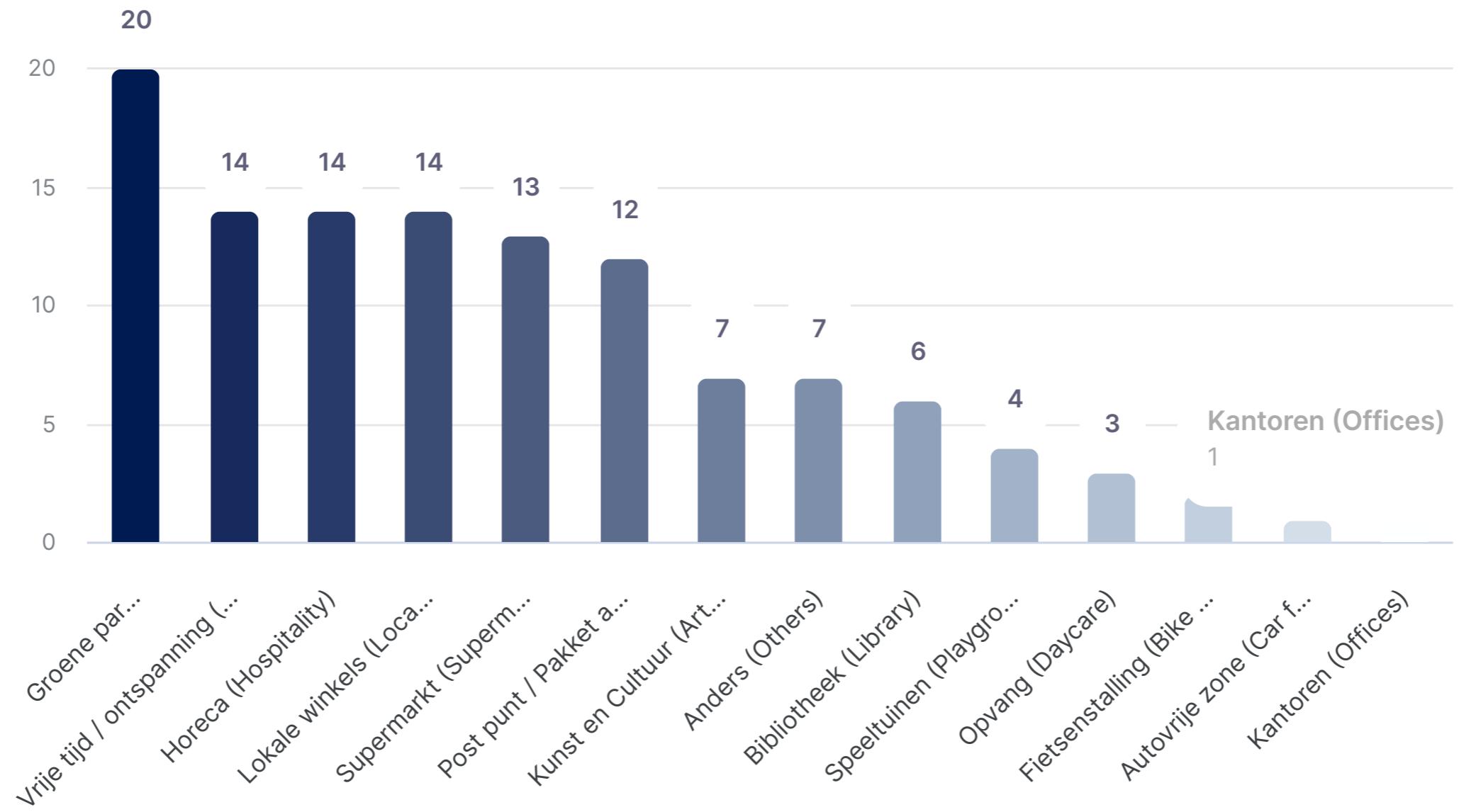
Shared spaces

Diversity

Fieldwork



Fieldwork



Reference analysis



Sense of belonging

Reference analysis



Human scale

Reference analysis



Flexibility

Reference analysis



Community

Reference analysis



Diversity

Reference analysis



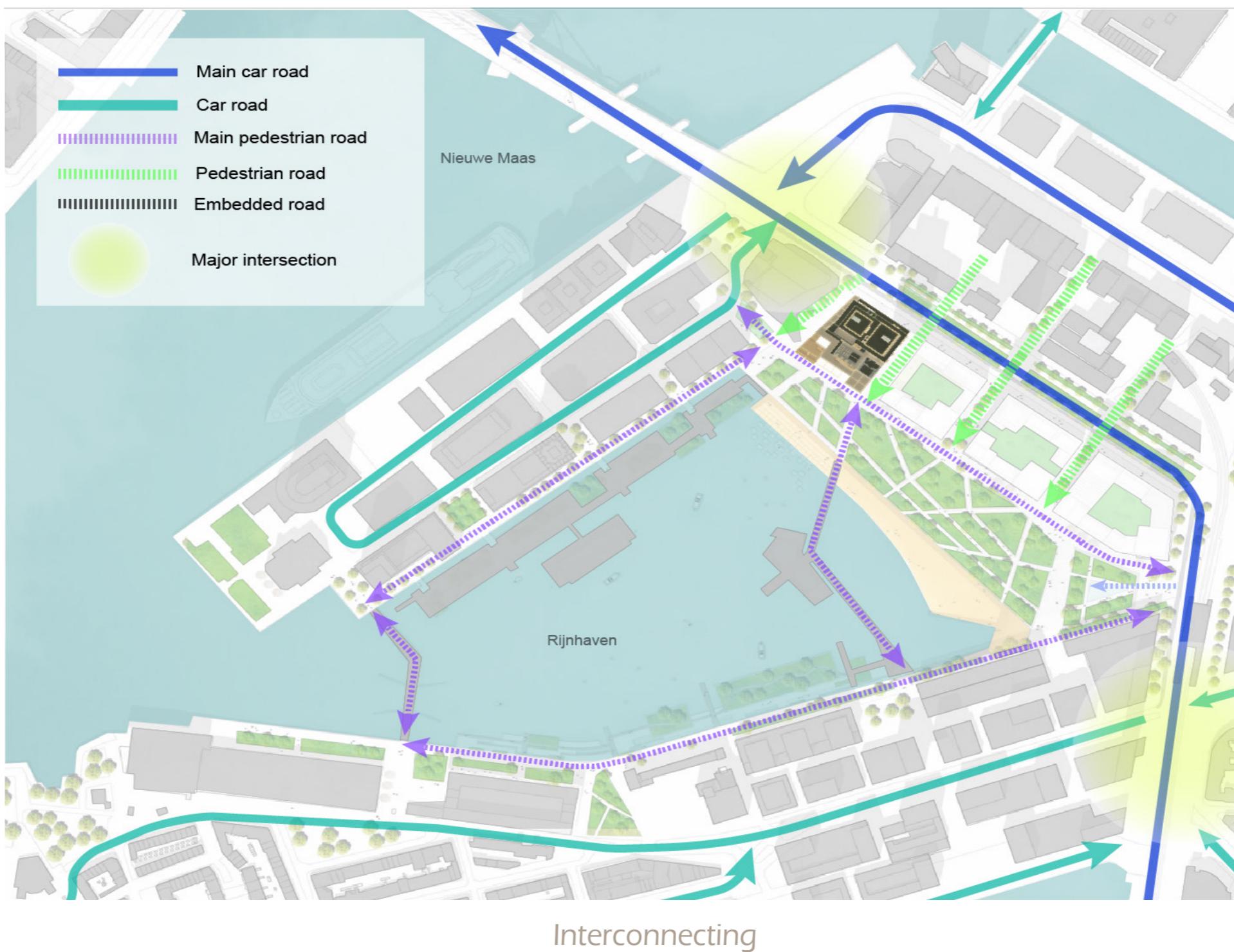
Participation

Location

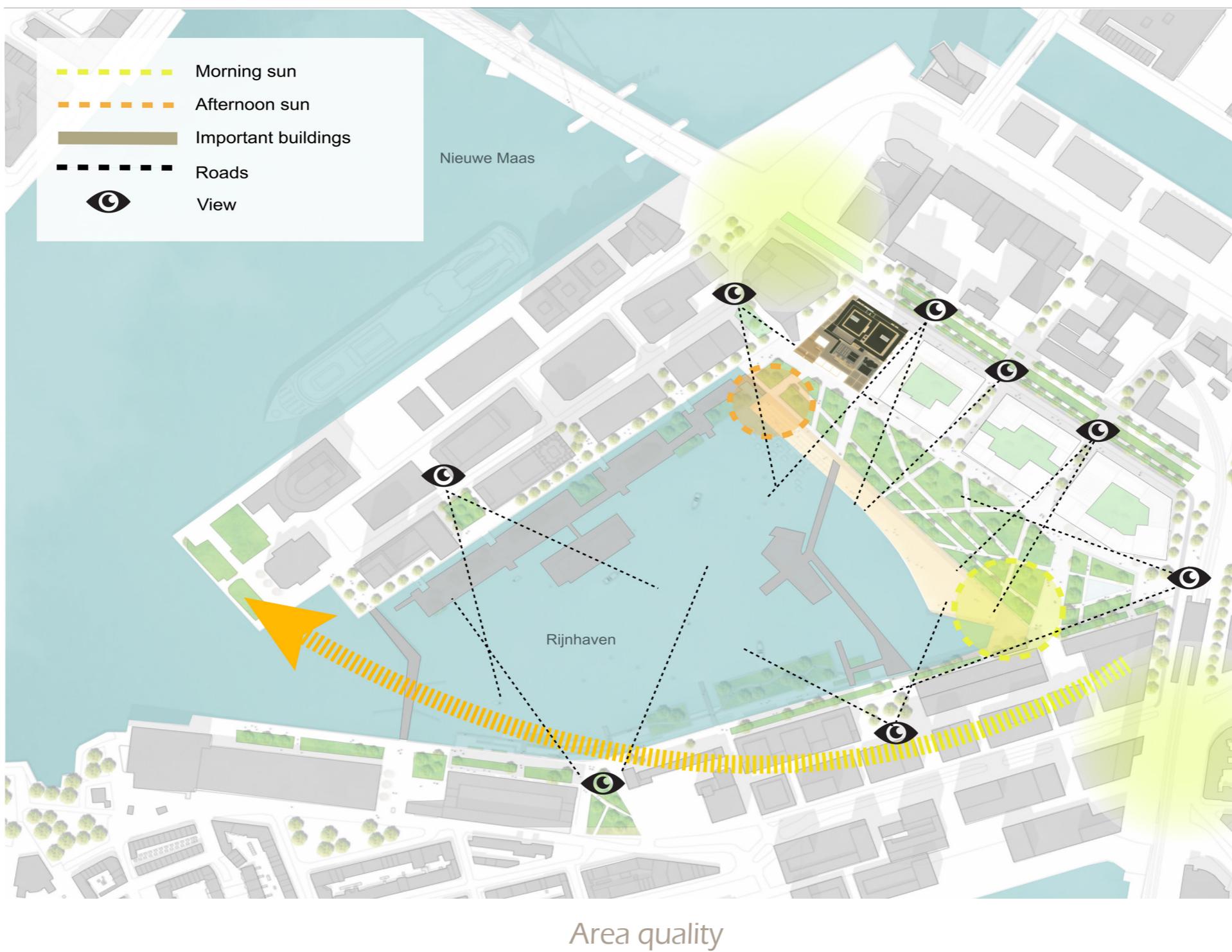


De Rijnhaven

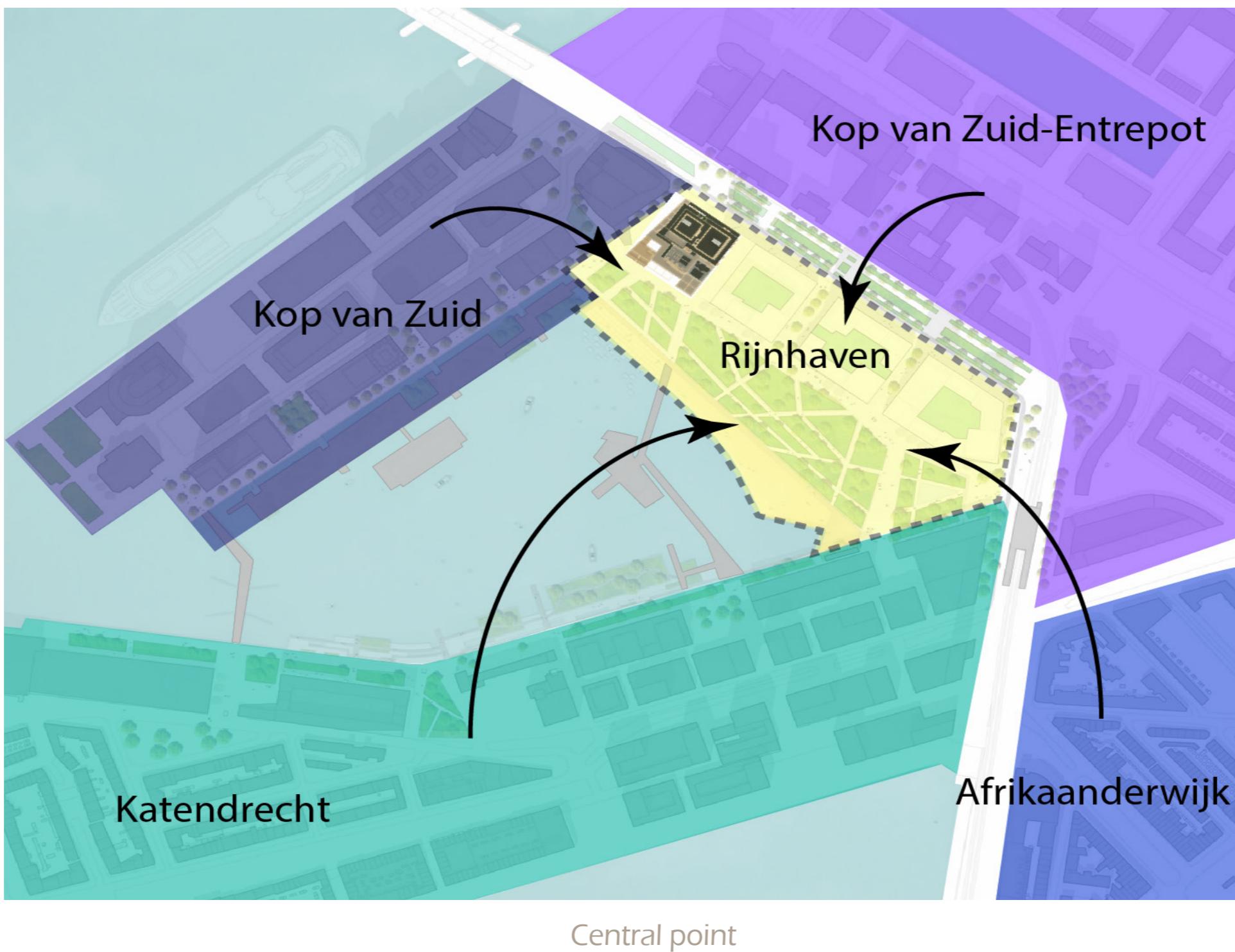
Location analysis



Location analysis



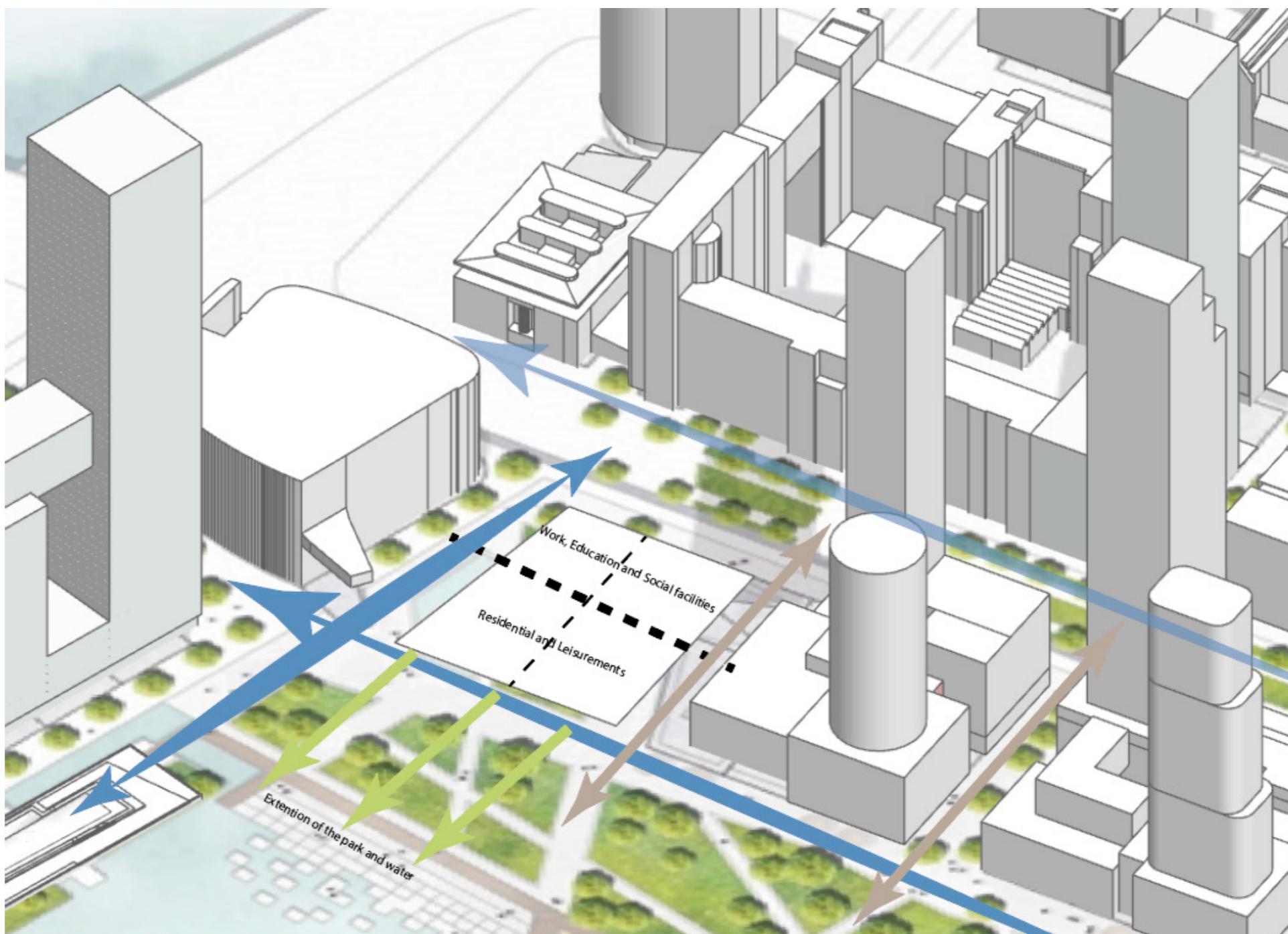
Location analysis



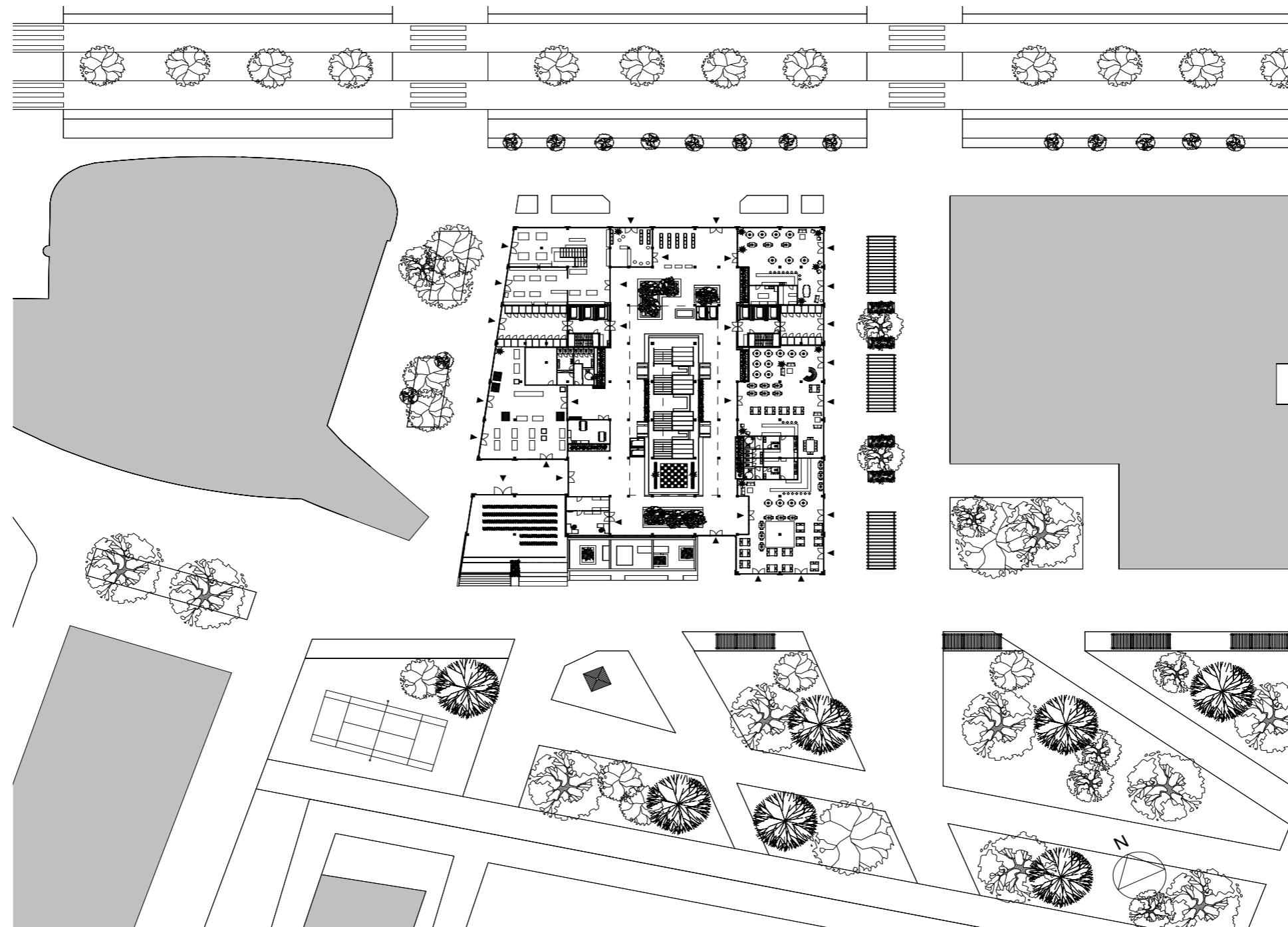
Masterplan 1:1000



Design concept



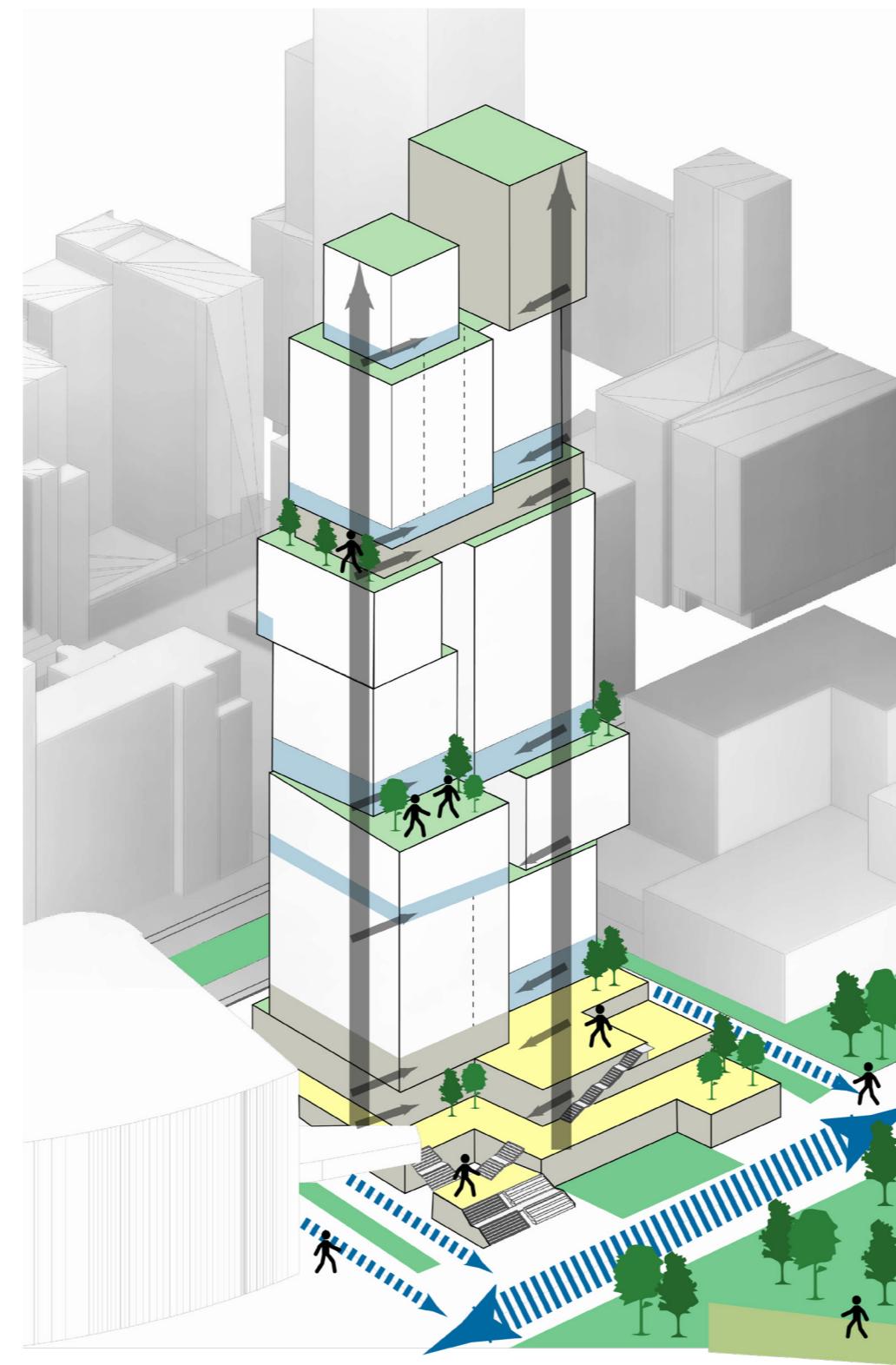
Situation 1:500



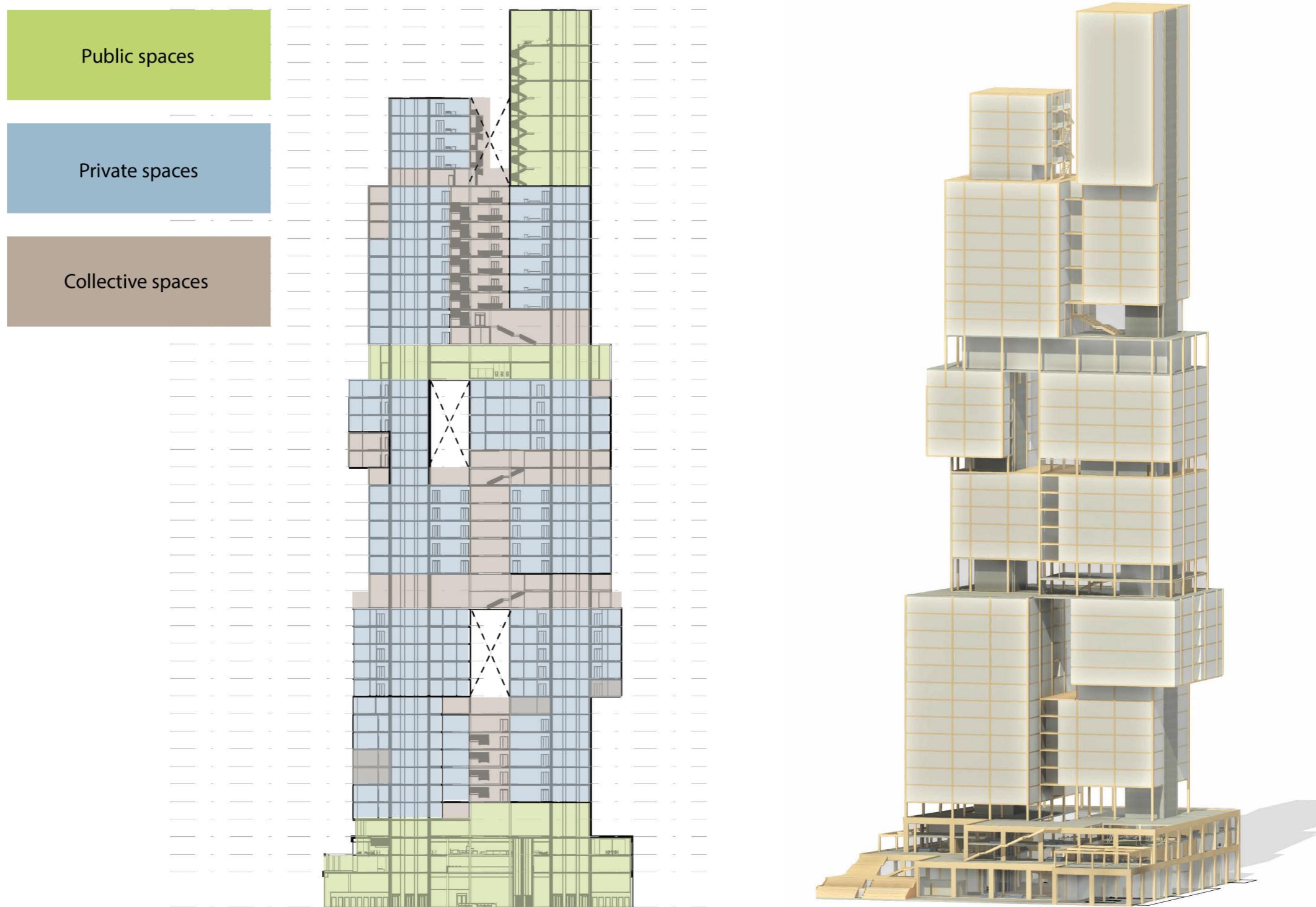
Street impression



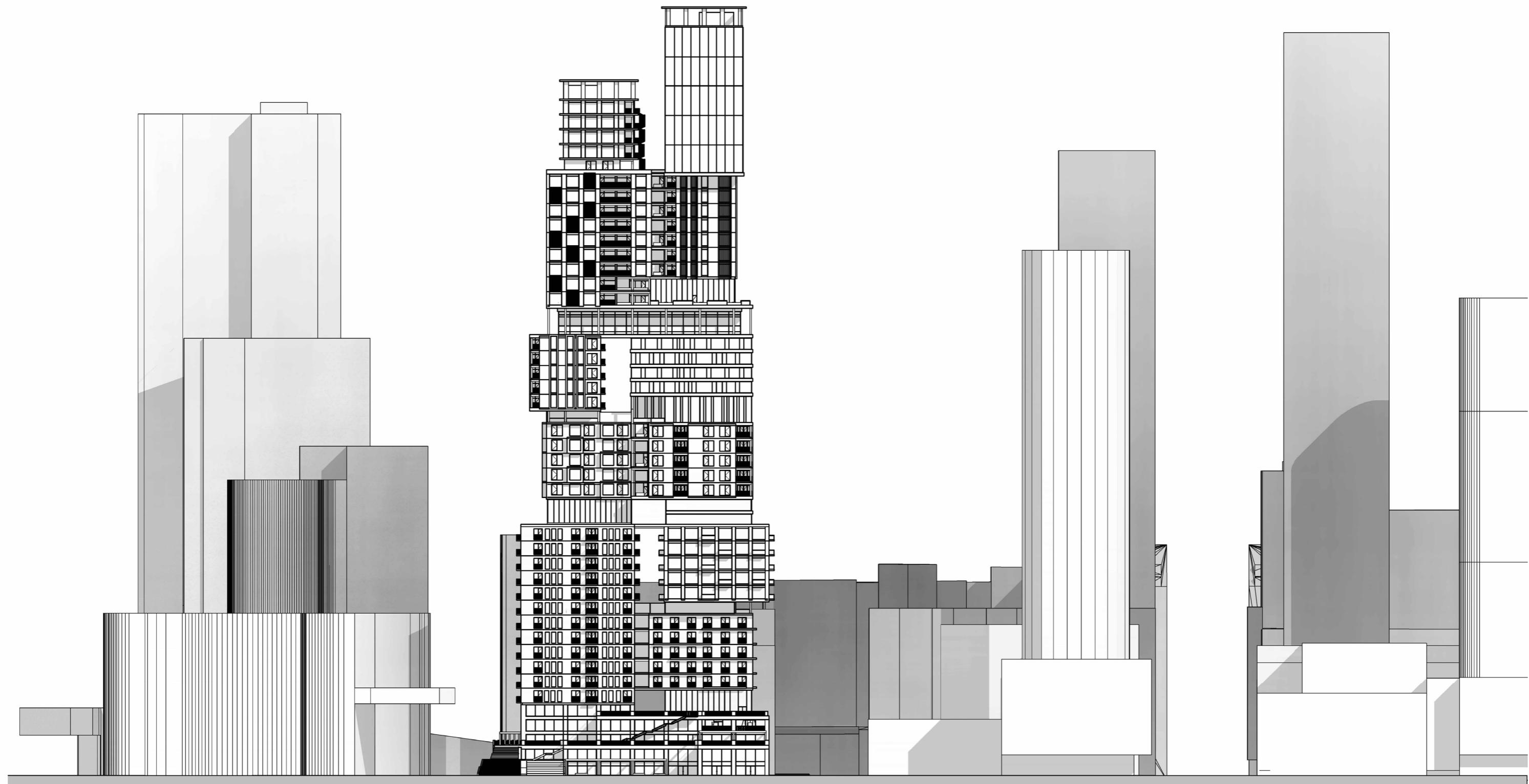
Design concept



Design concept



Elevation 1:1000



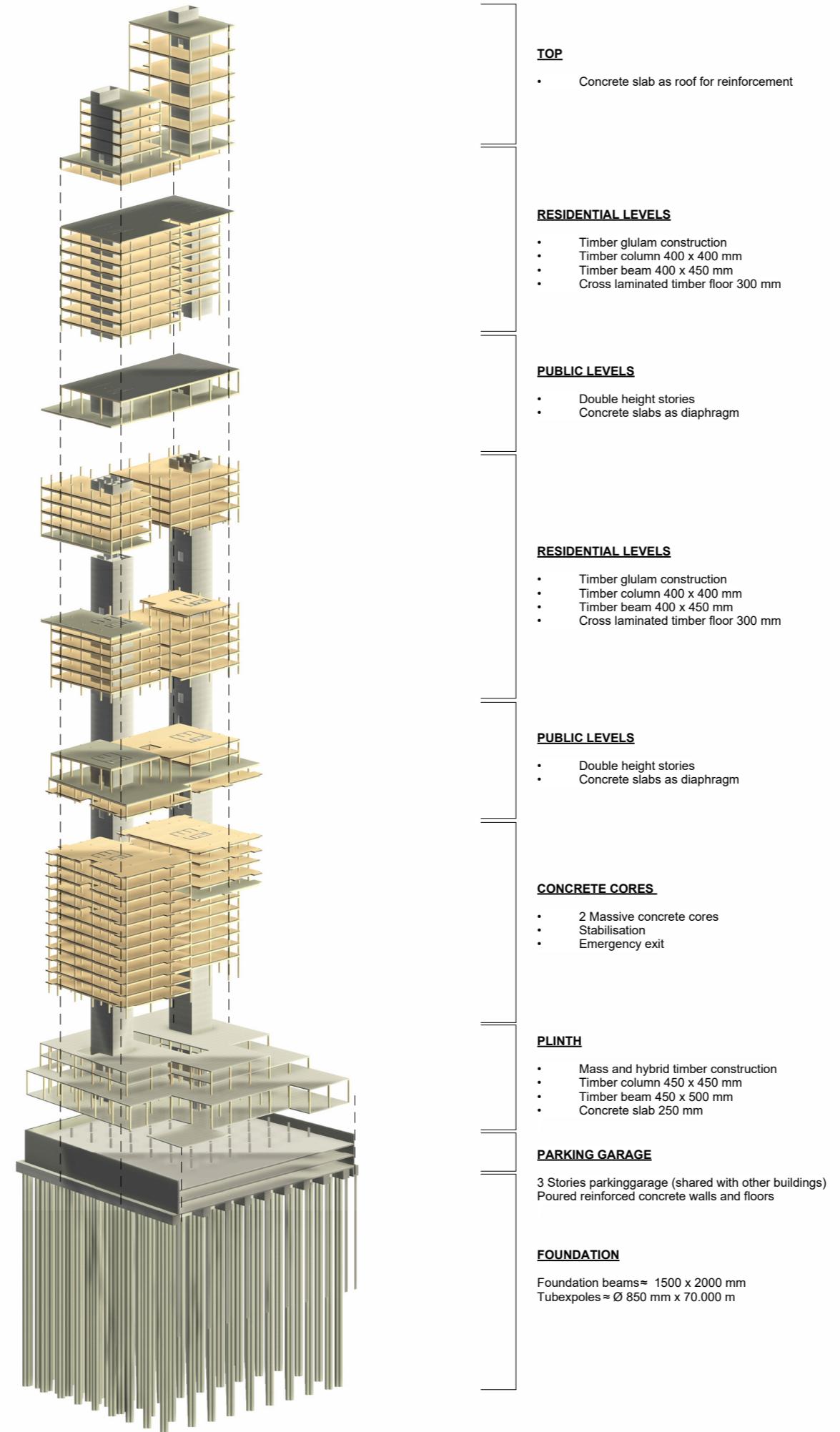
South facade

schaal 1 : 1000

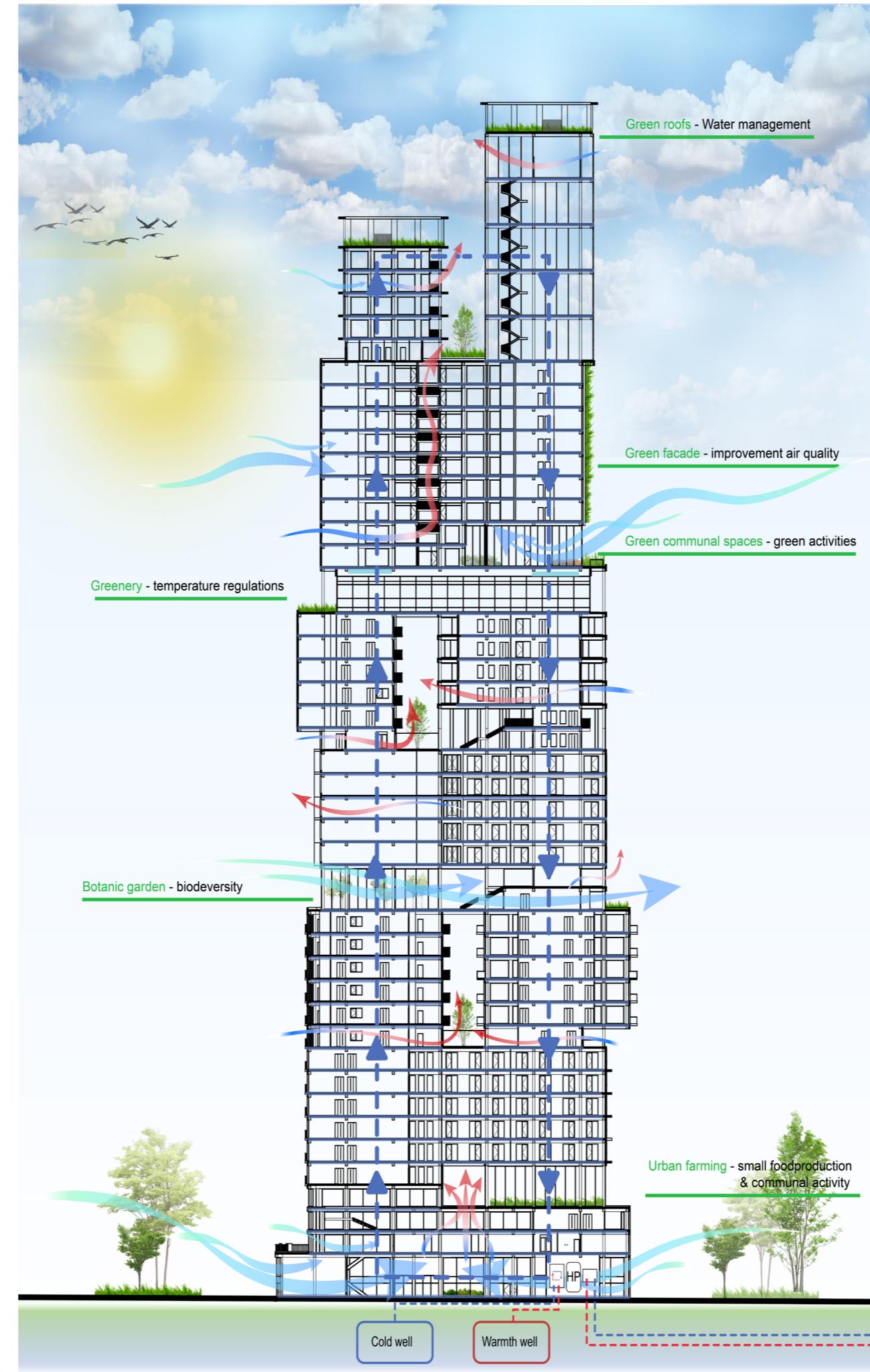
Structure



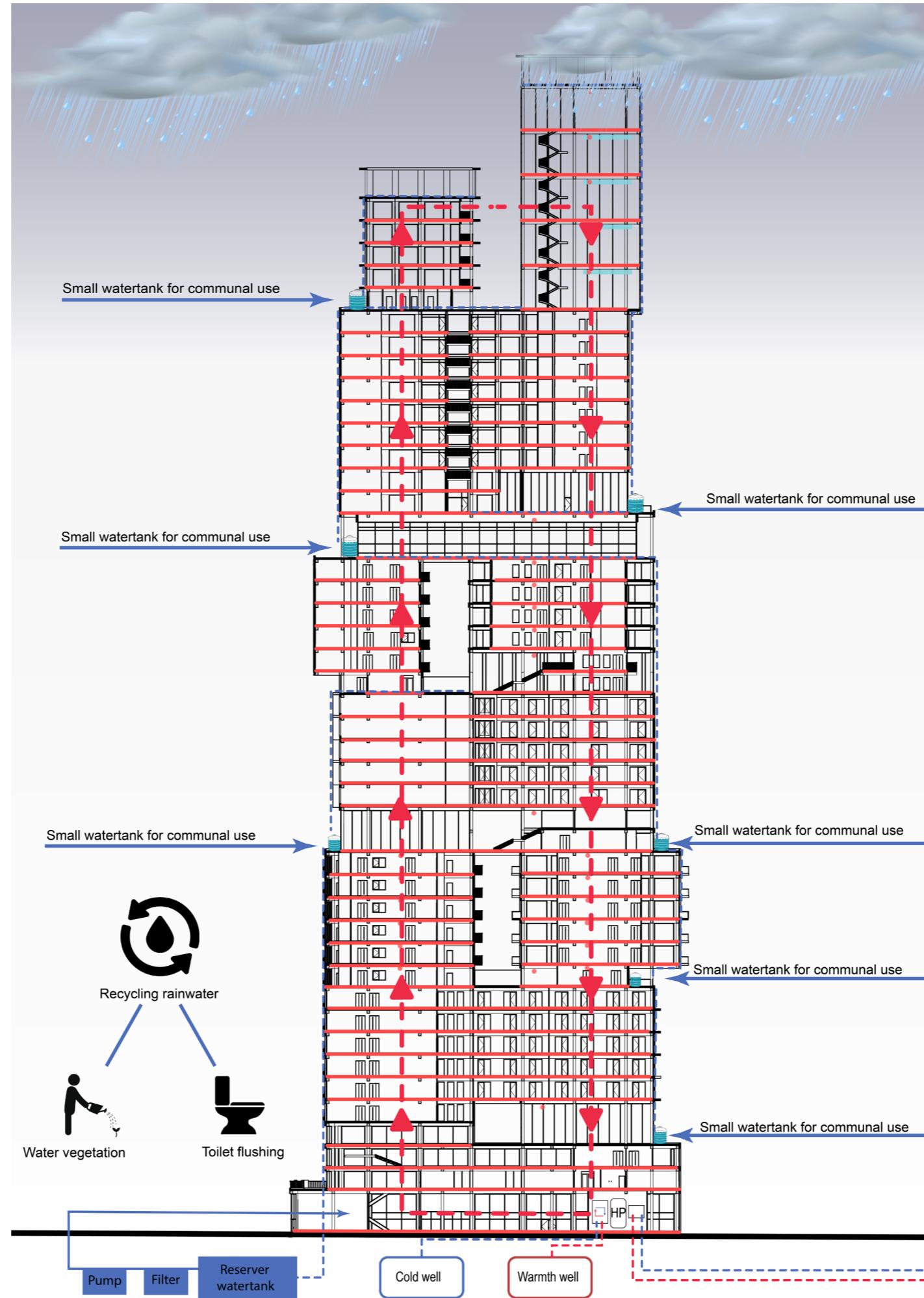
Structure diagram



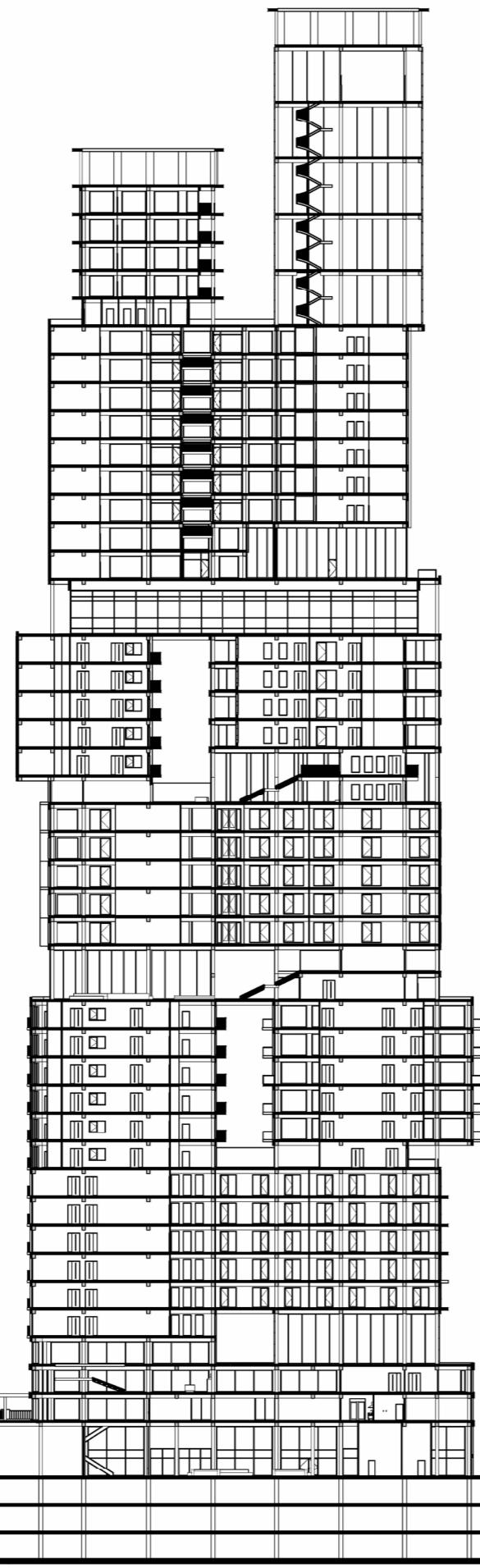
Climate diagram summer situation



Climate diagram winter situation

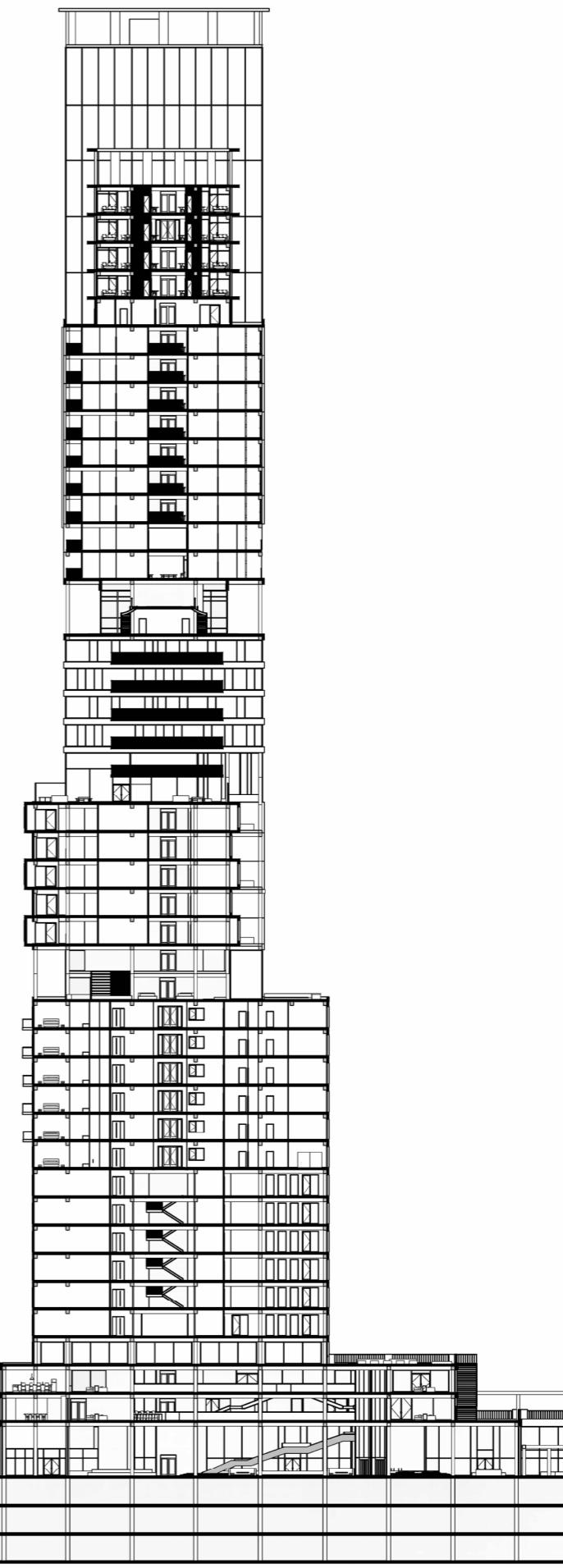


Sections AA and BB



Section AA

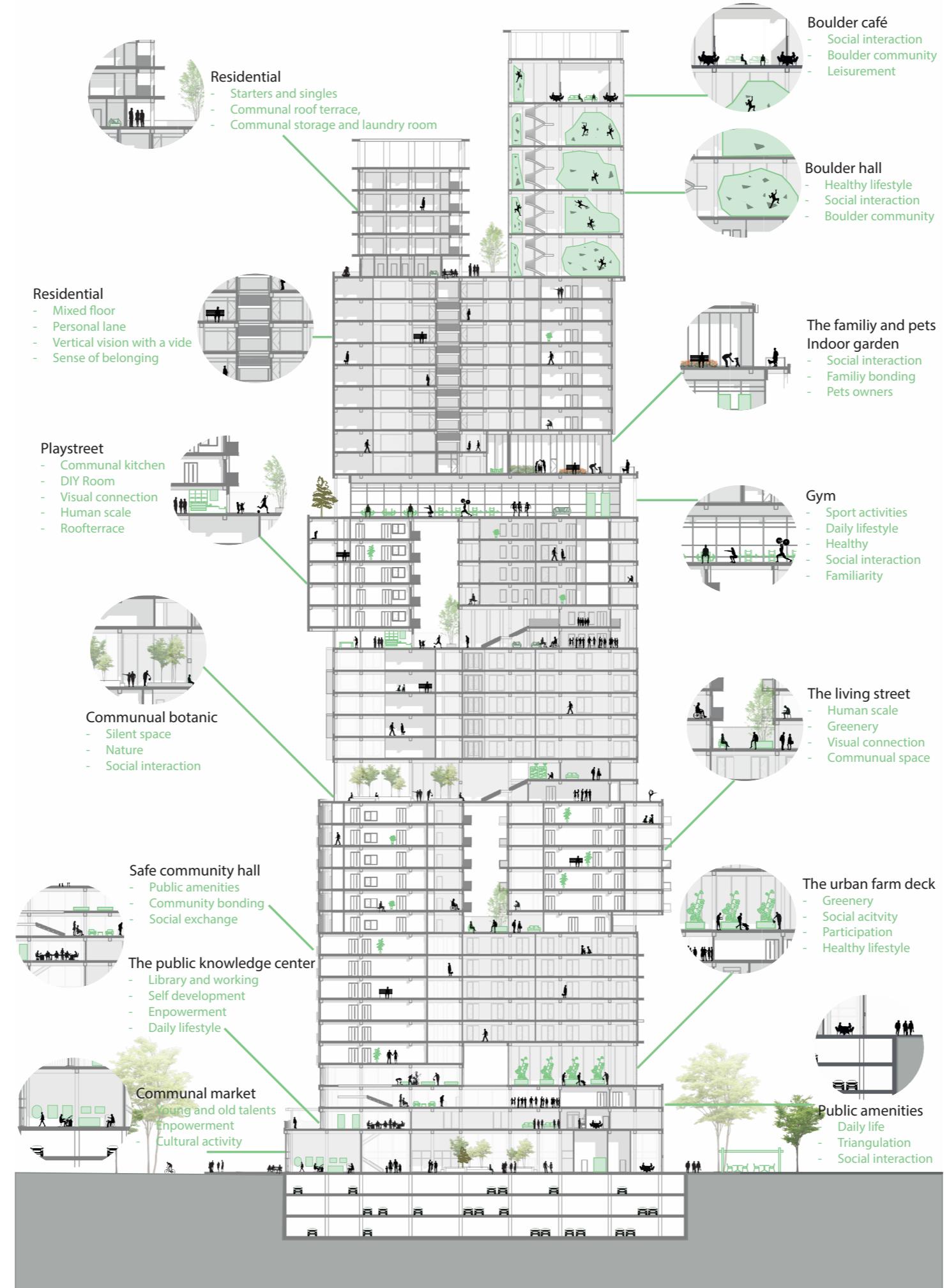
schaal 1 : 500



Section BB

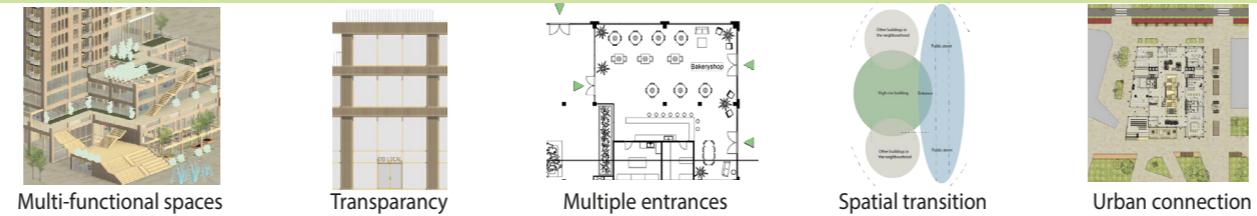
schaal 1 : 500

Section with program



Design interventions

Accessibility



Collective spaces



Diversity in space and expression



Identity and empowerment



Flexibility



Sense of belonging

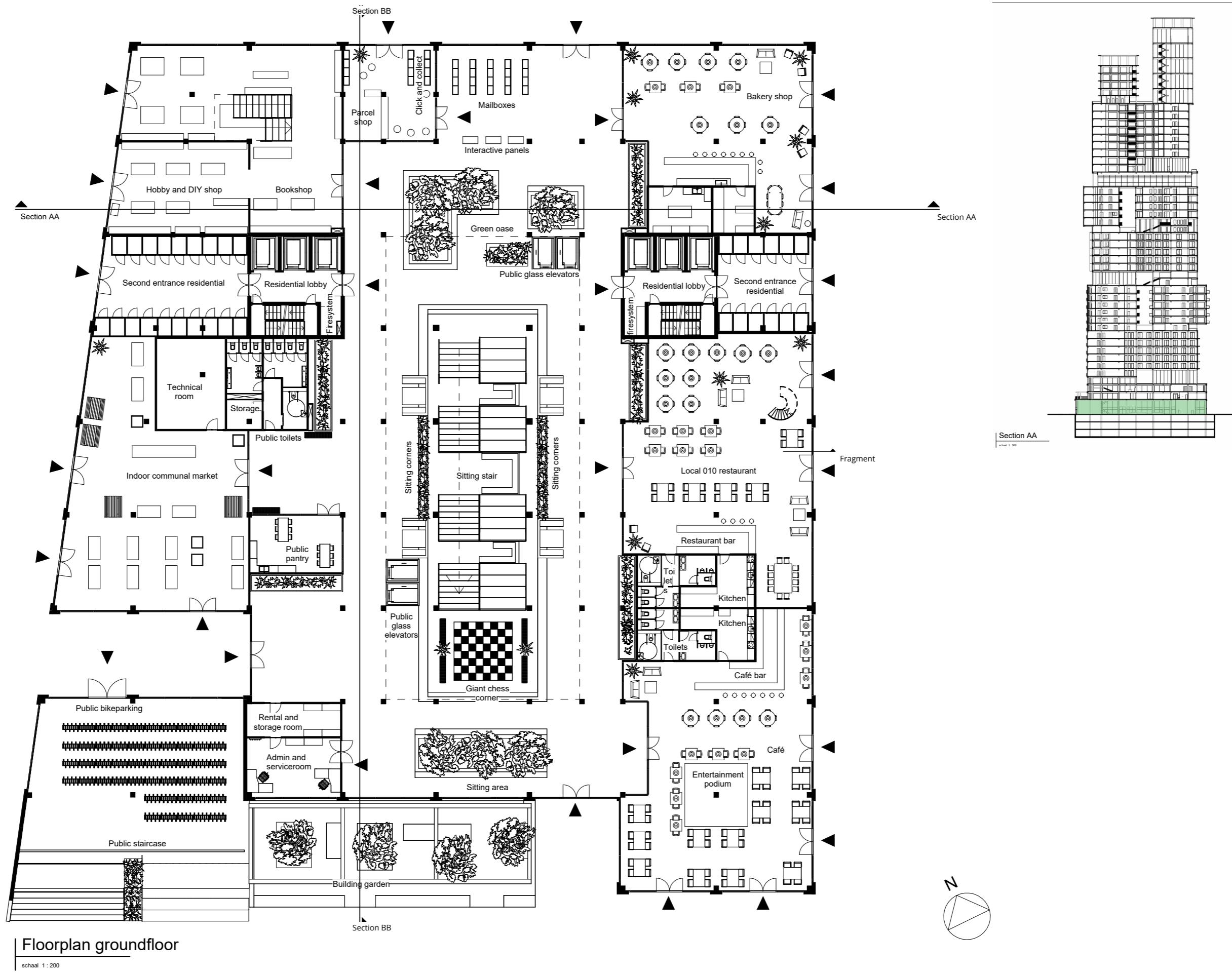


Human needs



Floorplan - Groundlevel

The interior urban street

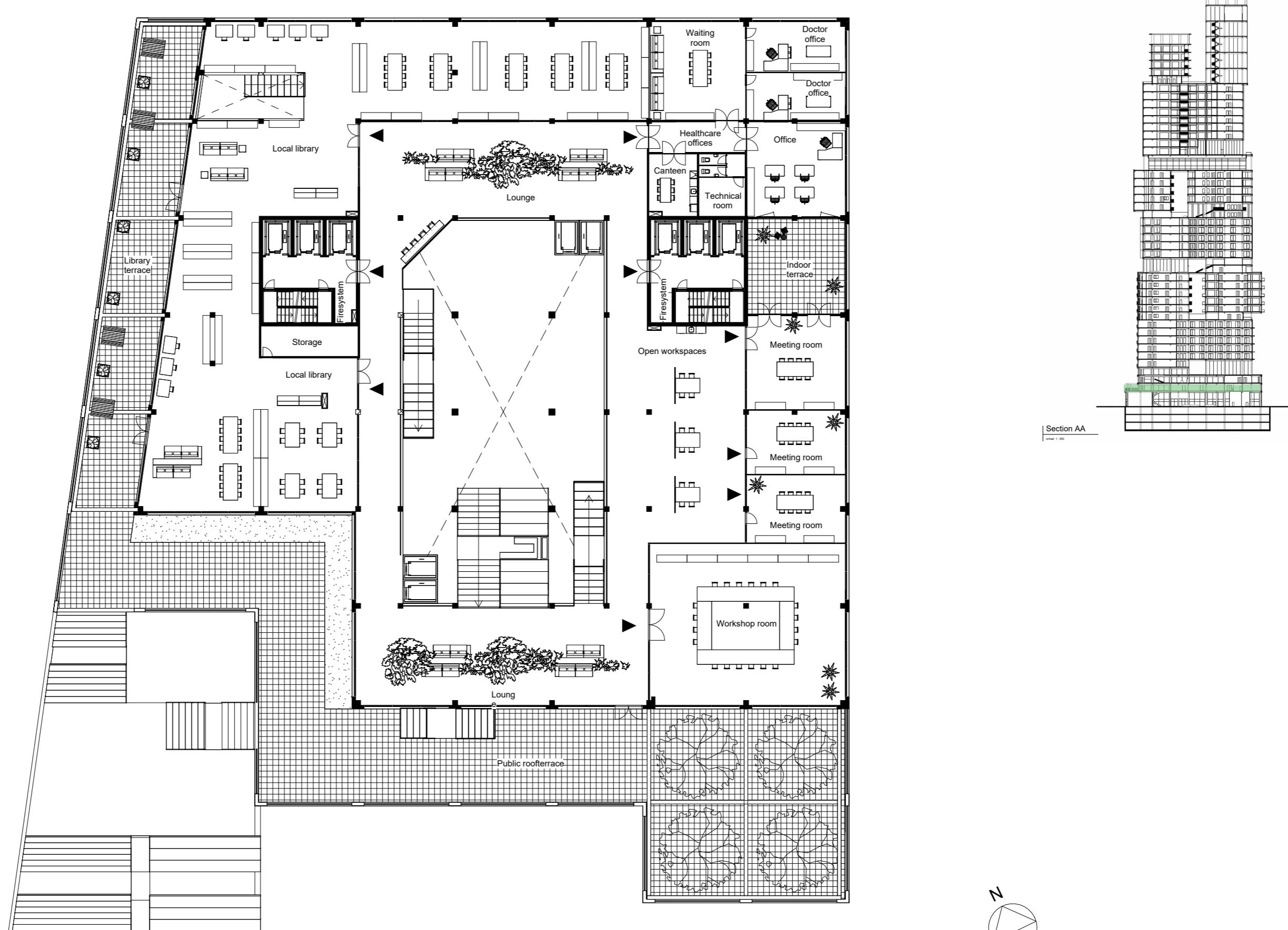


Impression groundfloor hall



Floorplan - Level 1

The public knowledge center



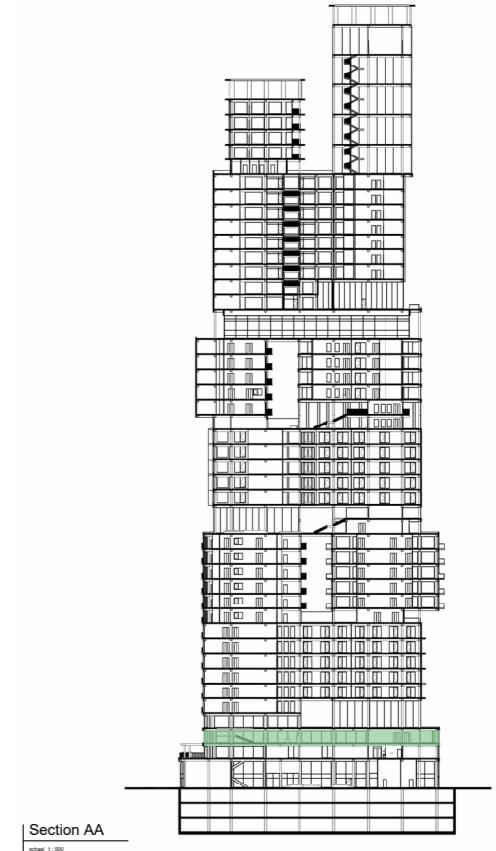
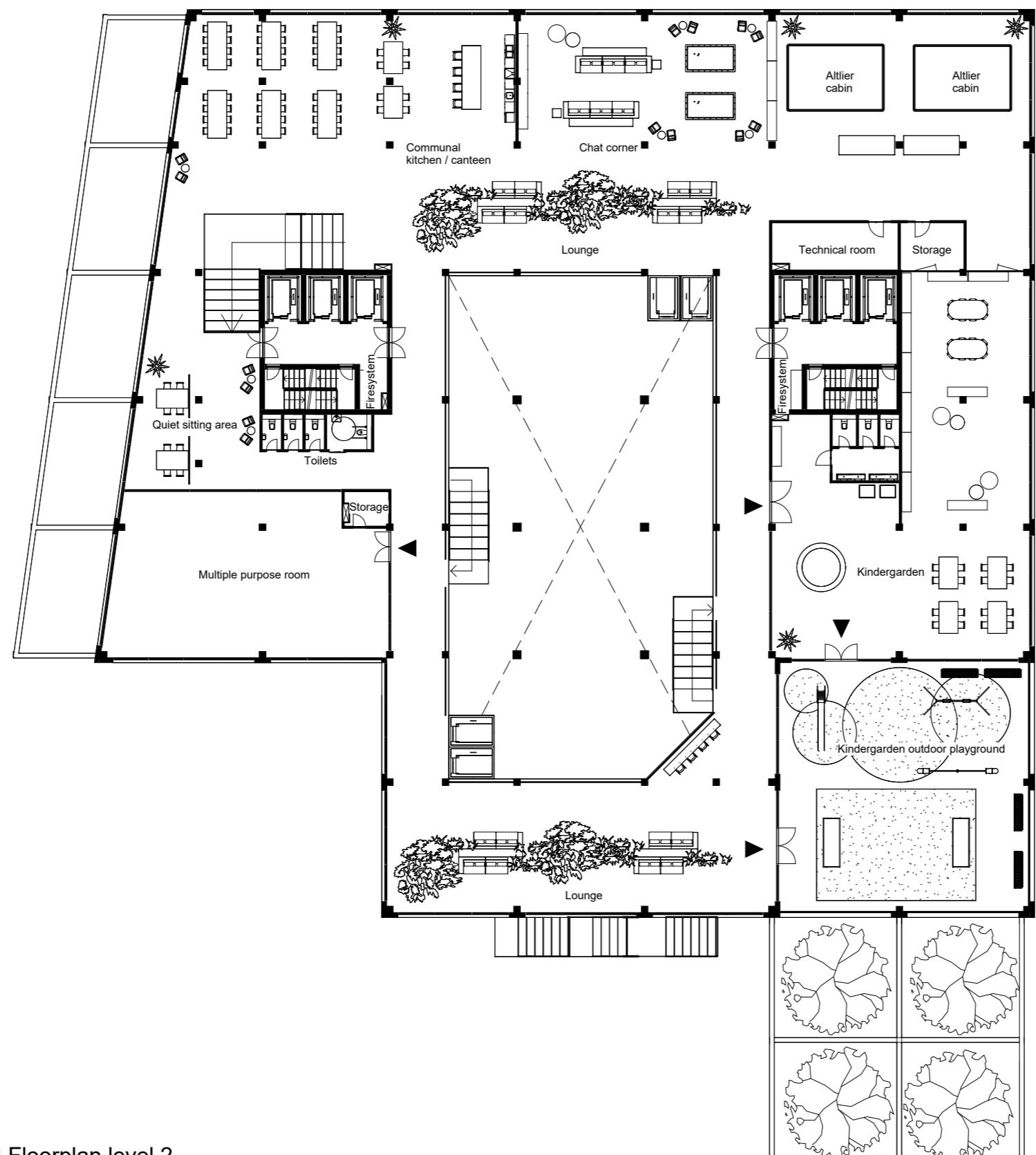
Floorplan level 1

schaal 1 : 200



Floorplan - Level 2

The safe community hall

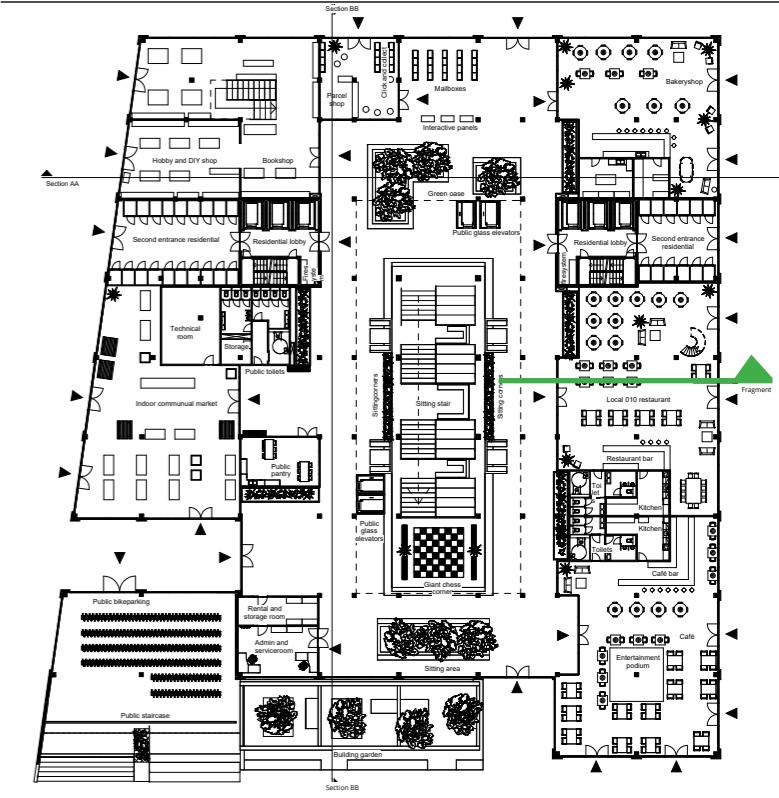
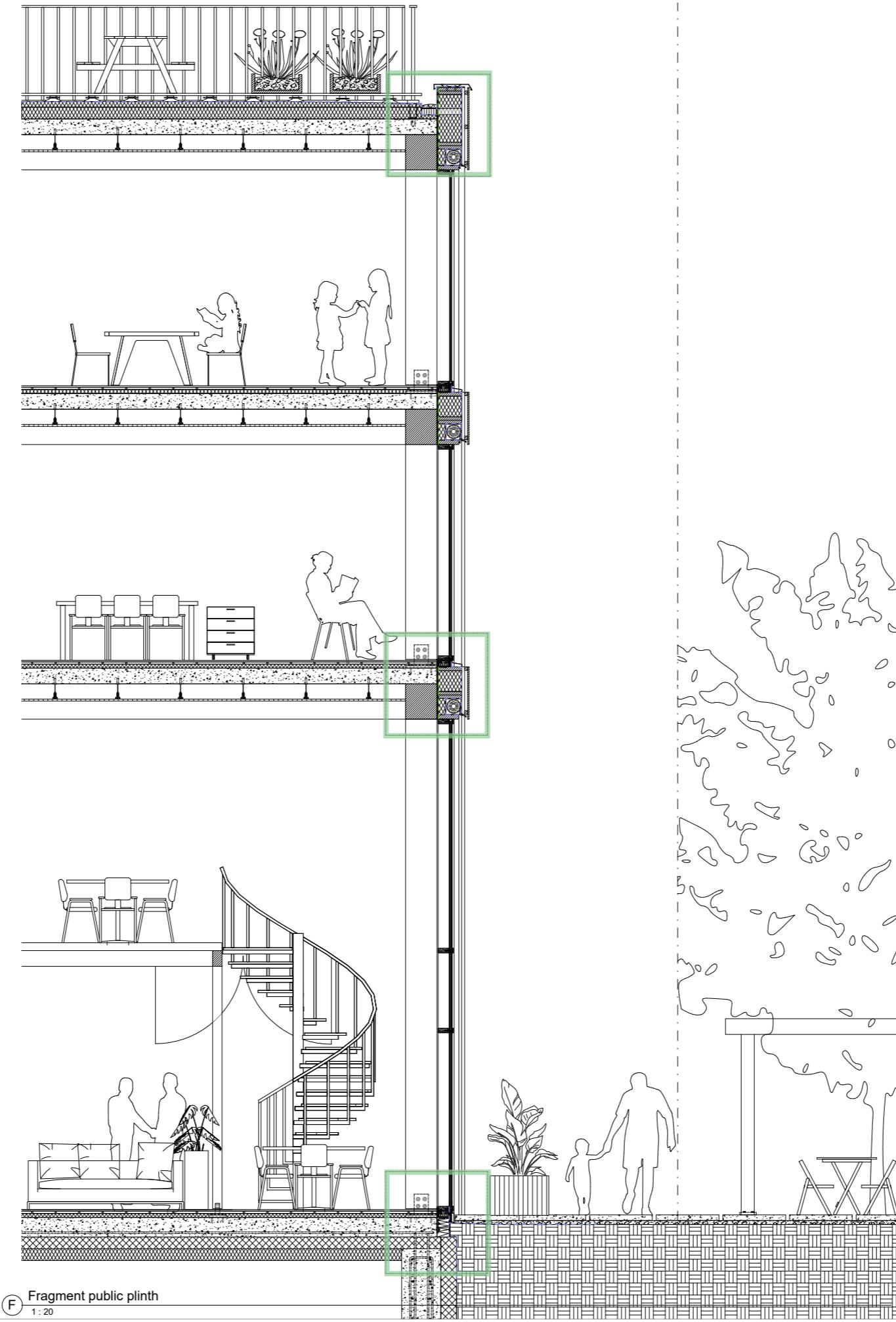


Impression level 3

The urban farm deck

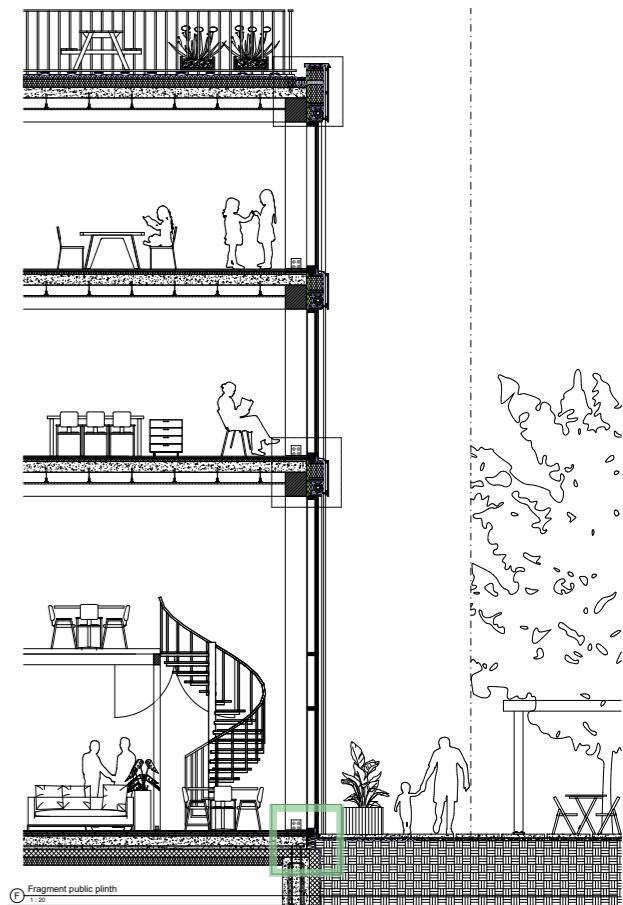
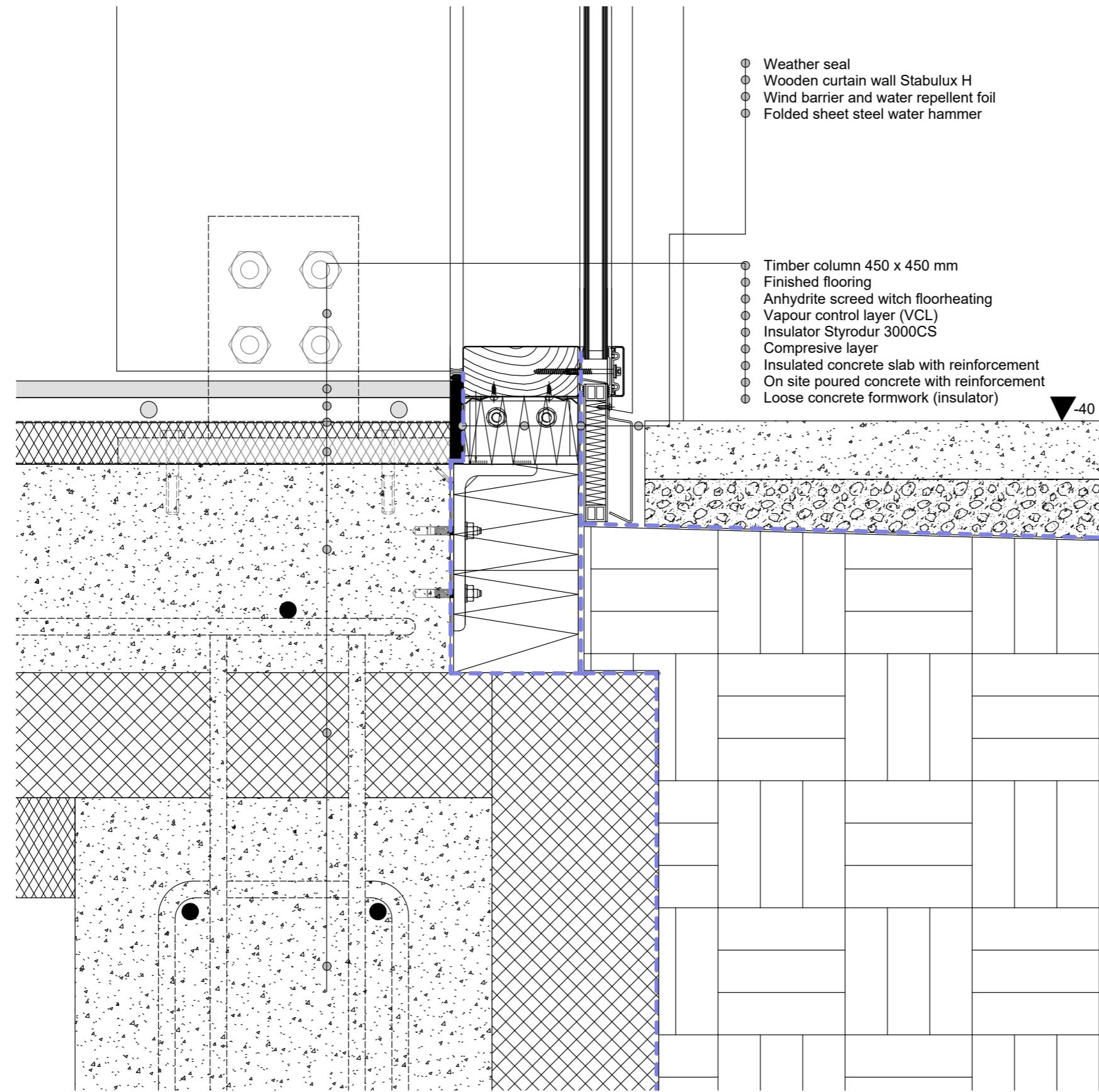


Fragment public levels 1:20



Detail 1:5

Groundfloor and parkinggarage



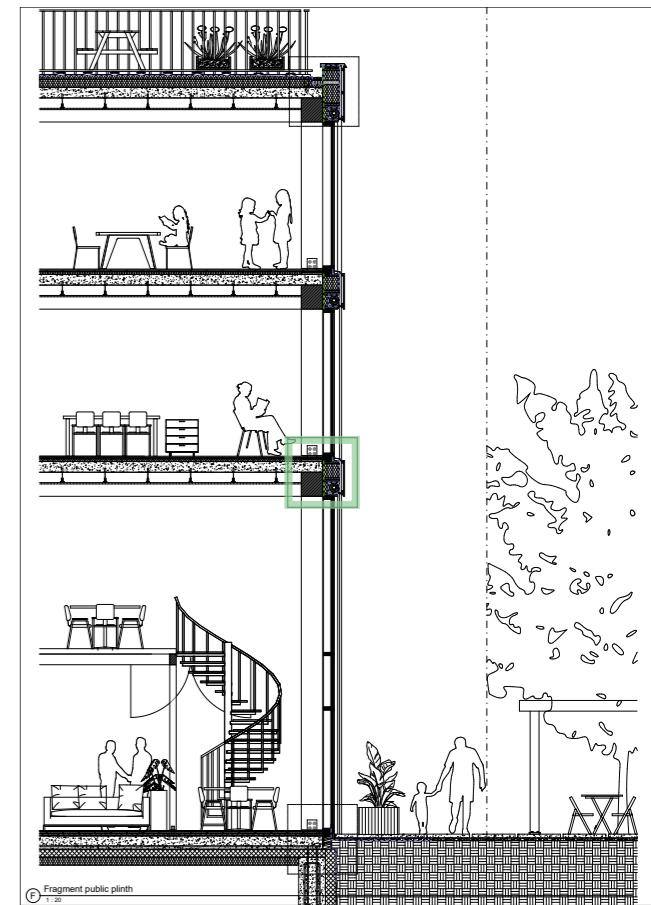
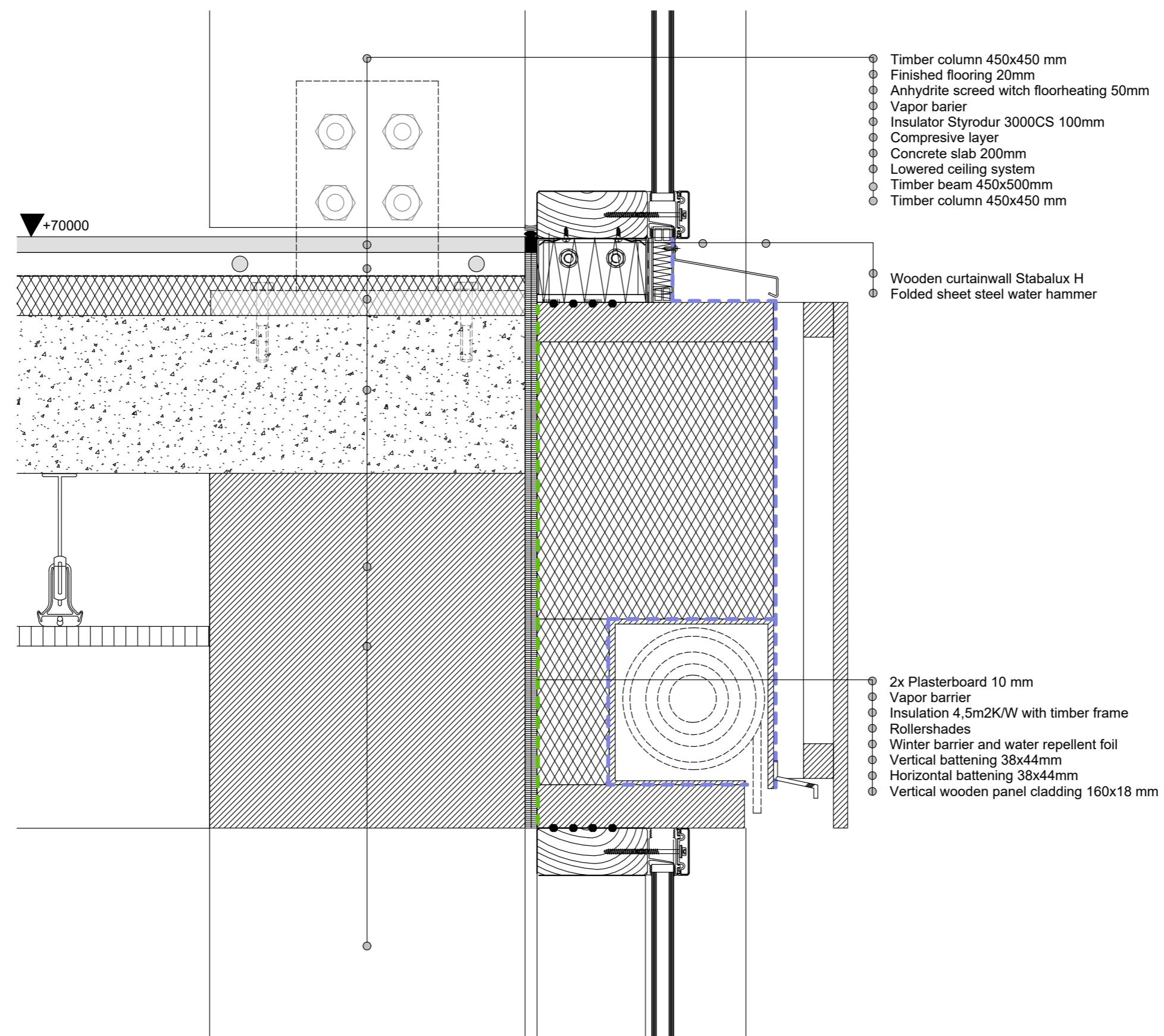
V

Detail groundfloor

1 : 5

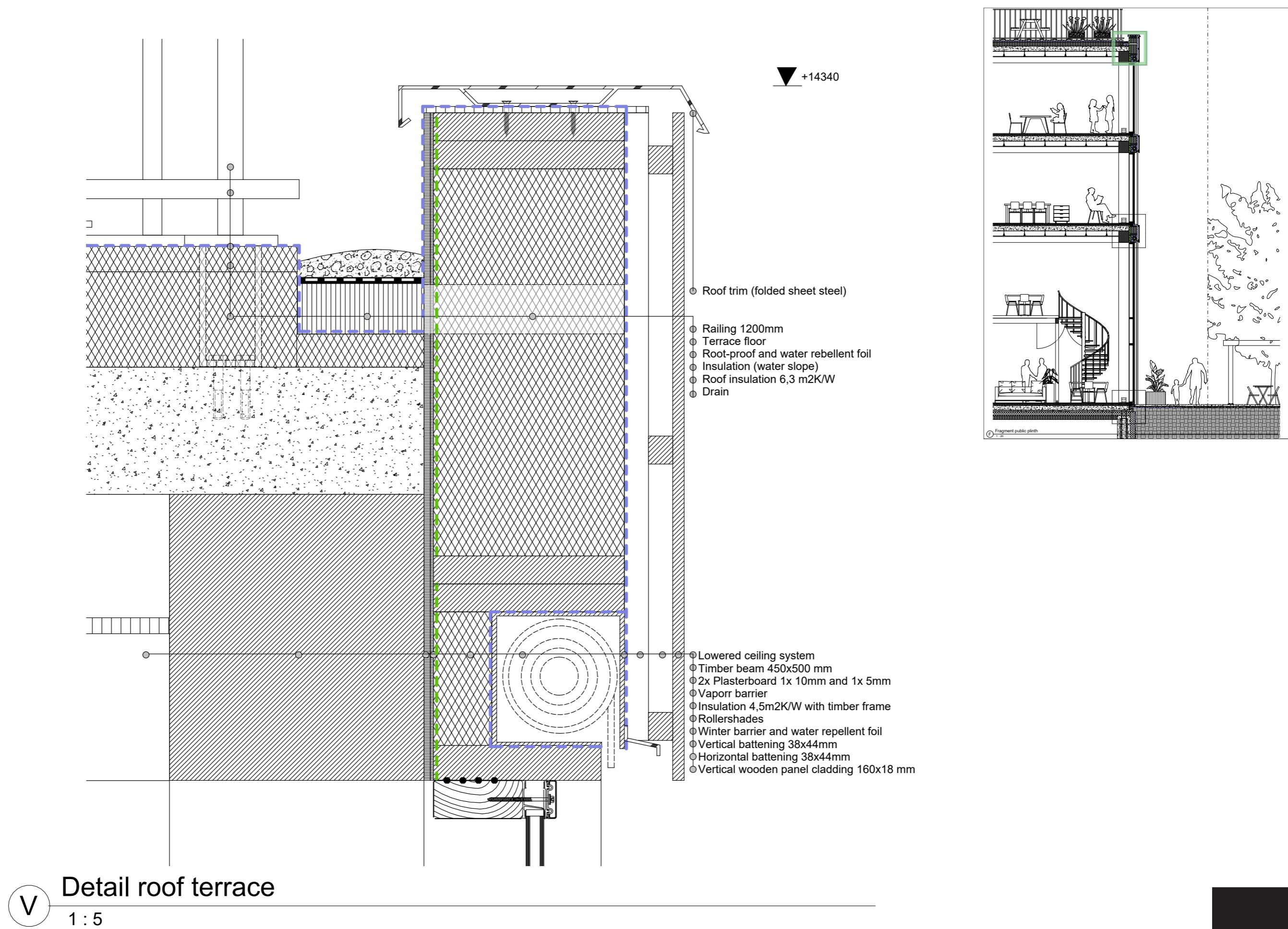
Detail 1:5

Public floor with facade

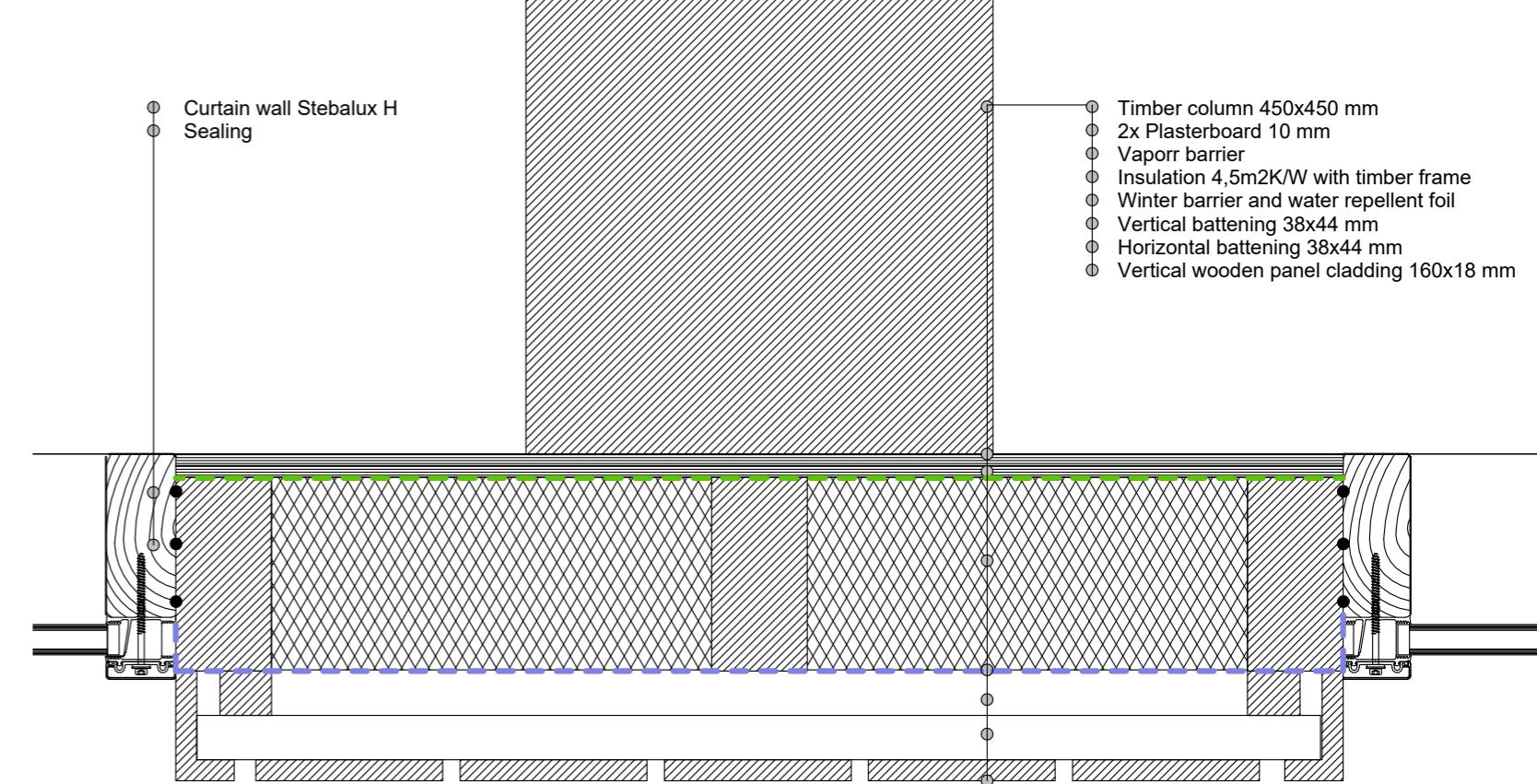
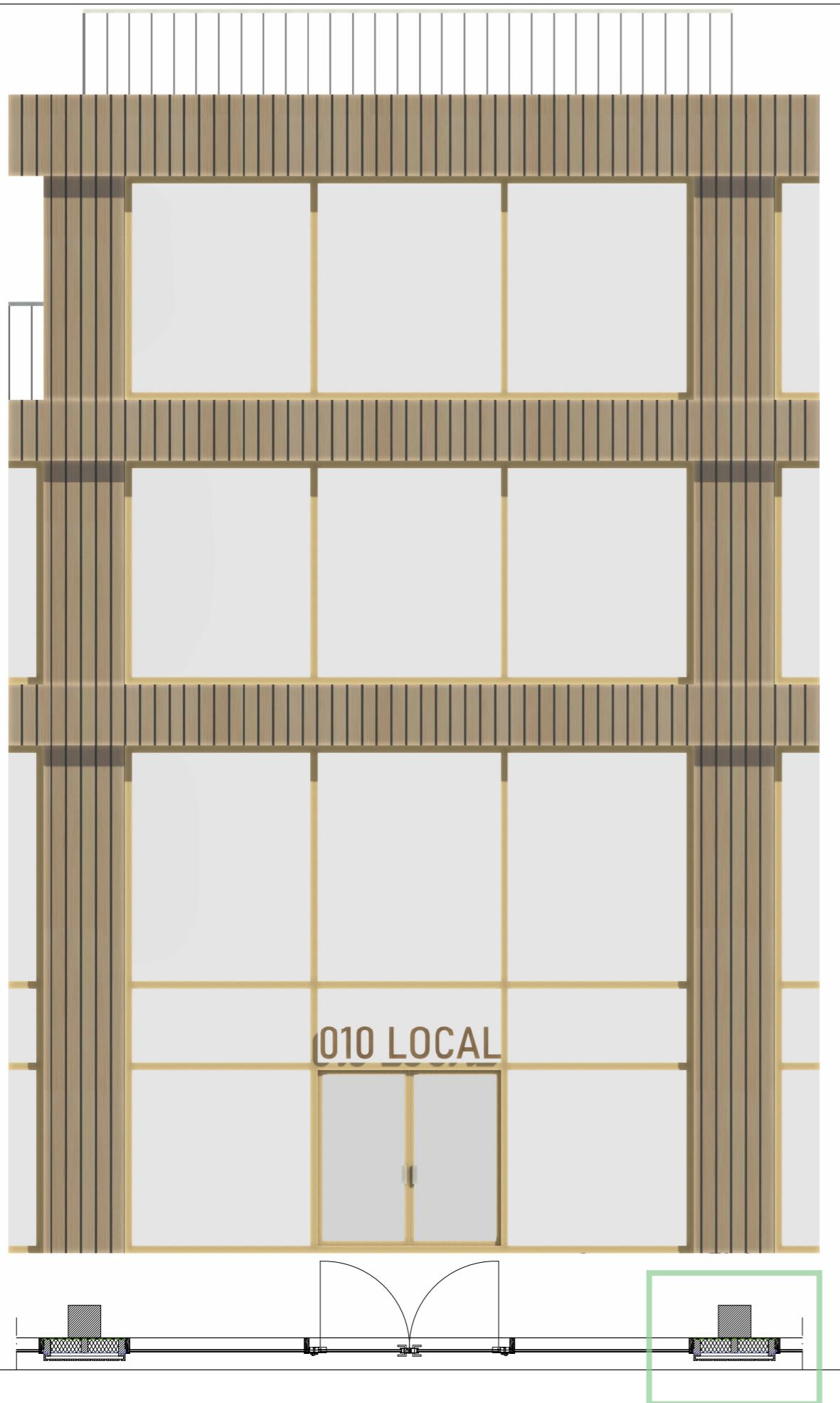


Detail 1:5

Public terrace with roof



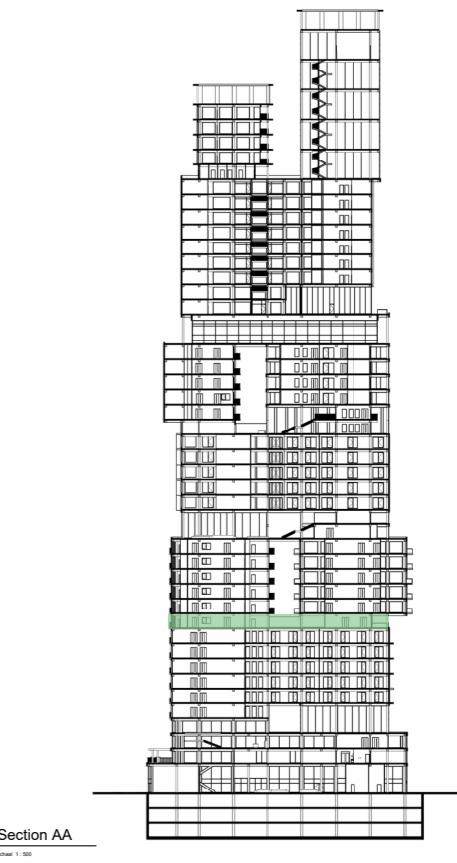
Horizontal fragment 1:20 and detail 1:5





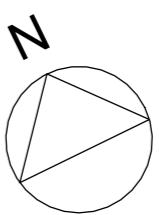
Floorplan - Level 10

The residential floor for old and starters



Floorplan level 10

schaal 1 : 200



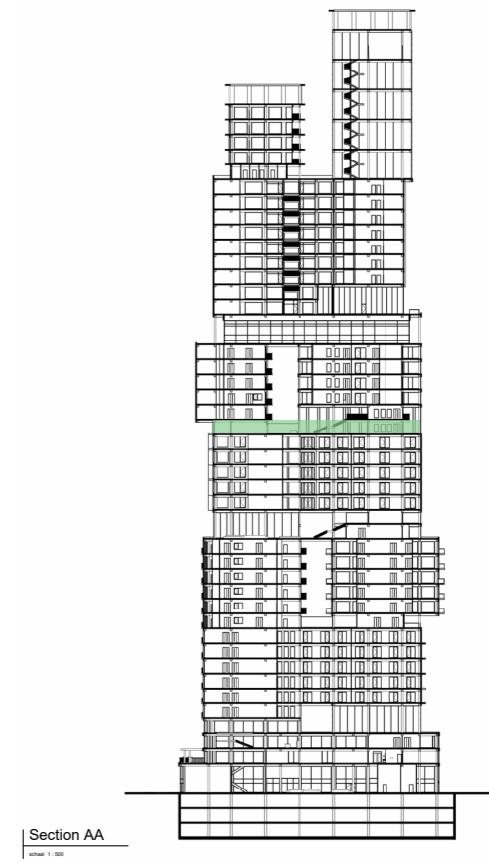
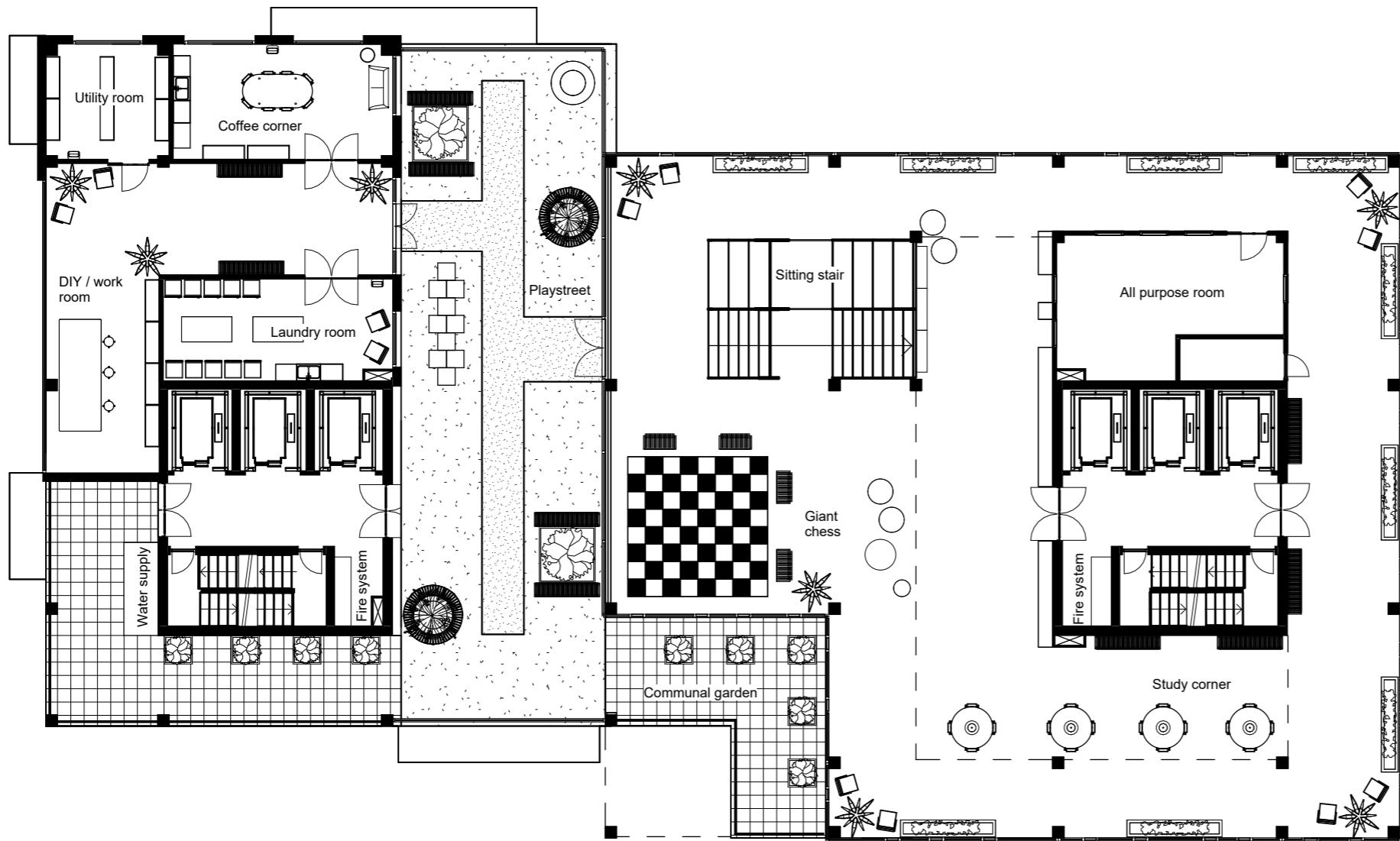
Impression level 10

Communal livingroom



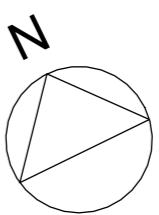
Floorplan - Level 23

The playstreet



Floorplan level 23

schaal 1 : 200

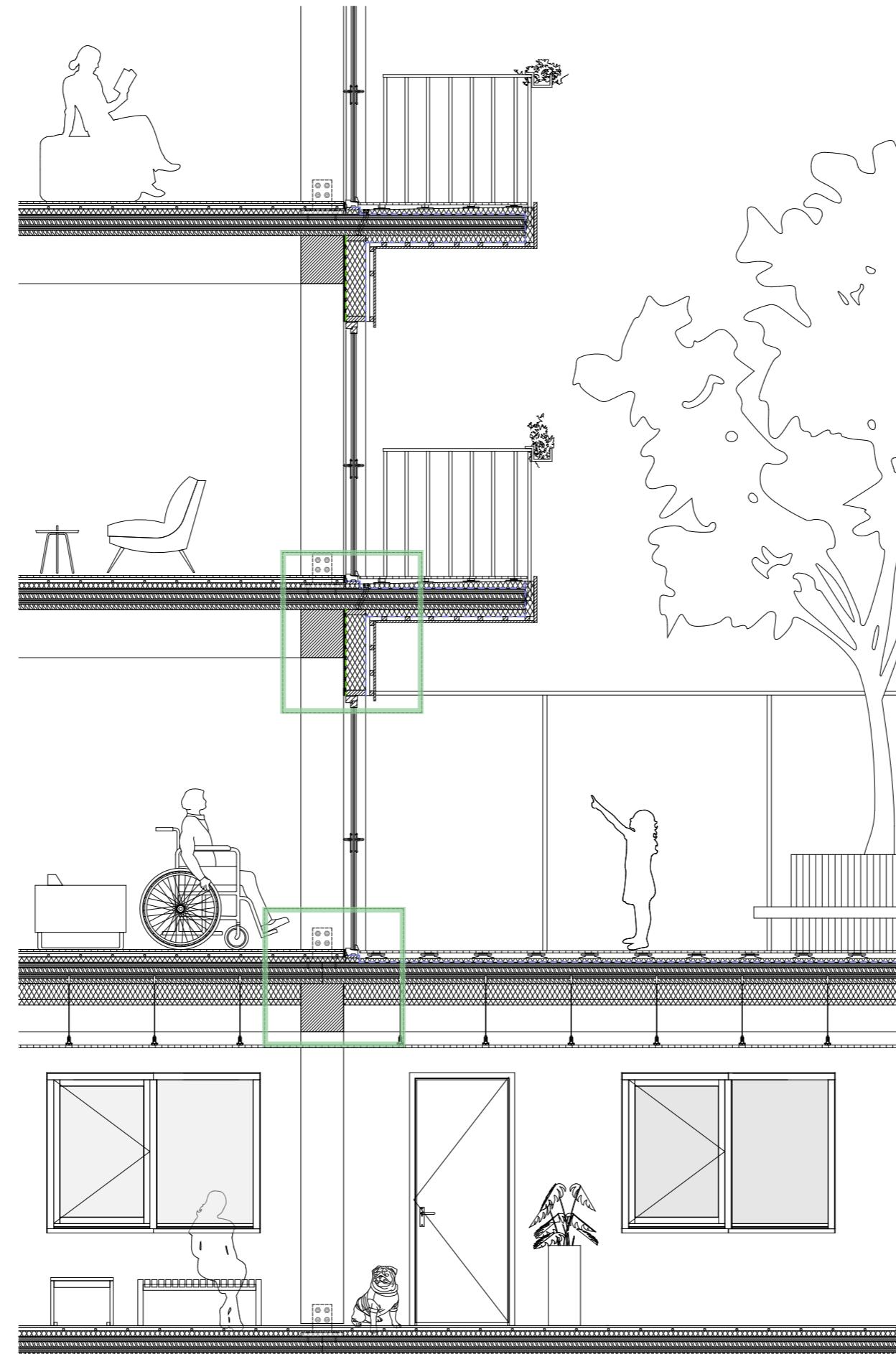


Impression level 23

The playstreet

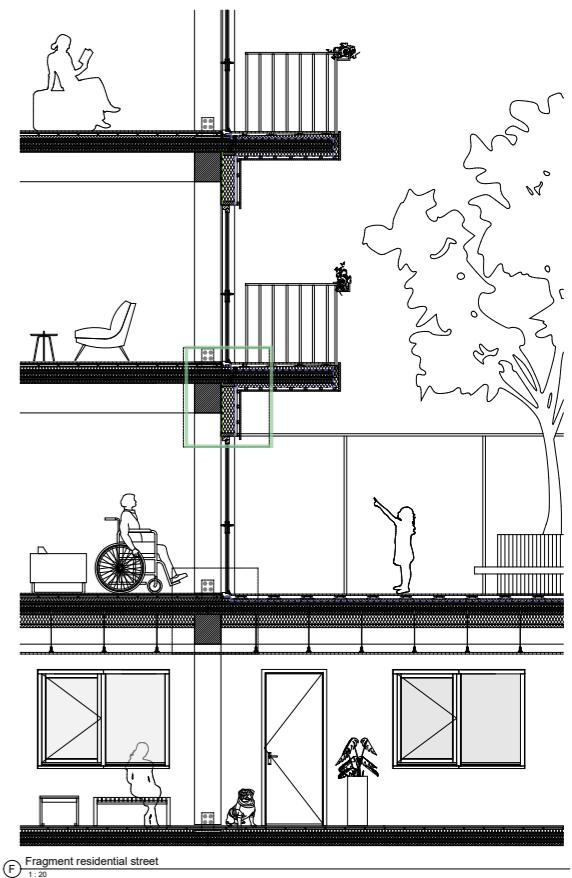
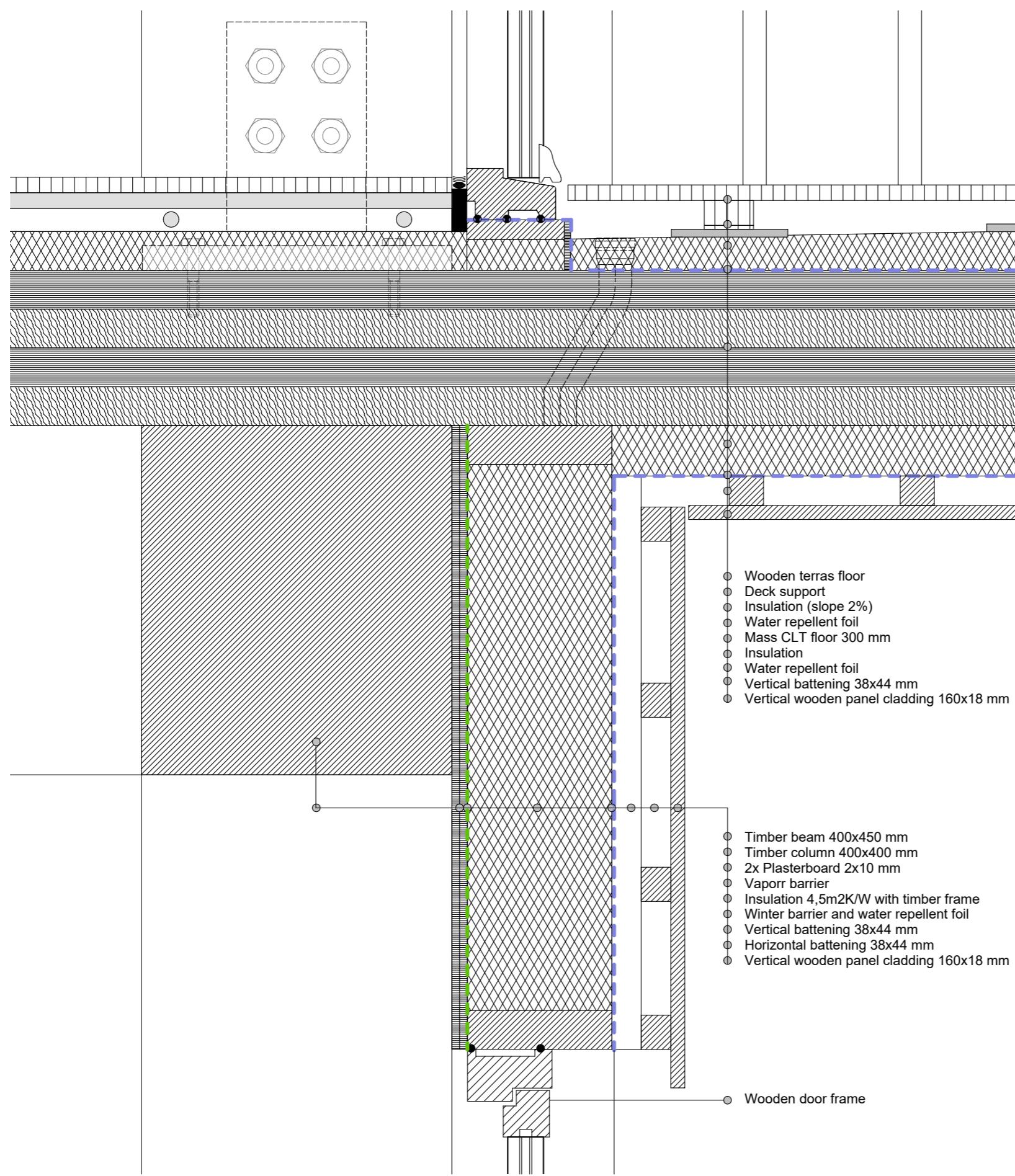


Fragment residential levels 1:20



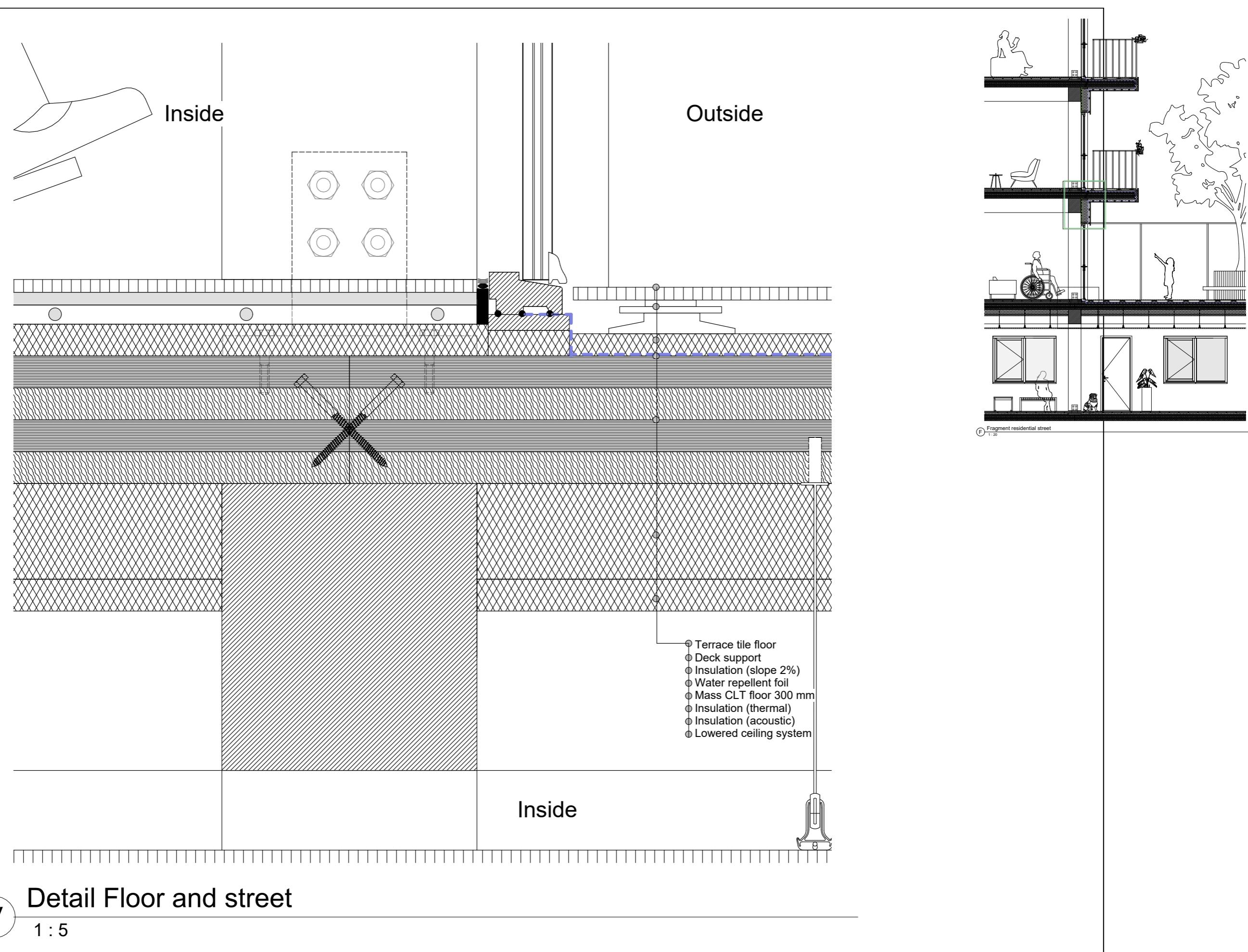
Detail 1:5

Balcony and facade



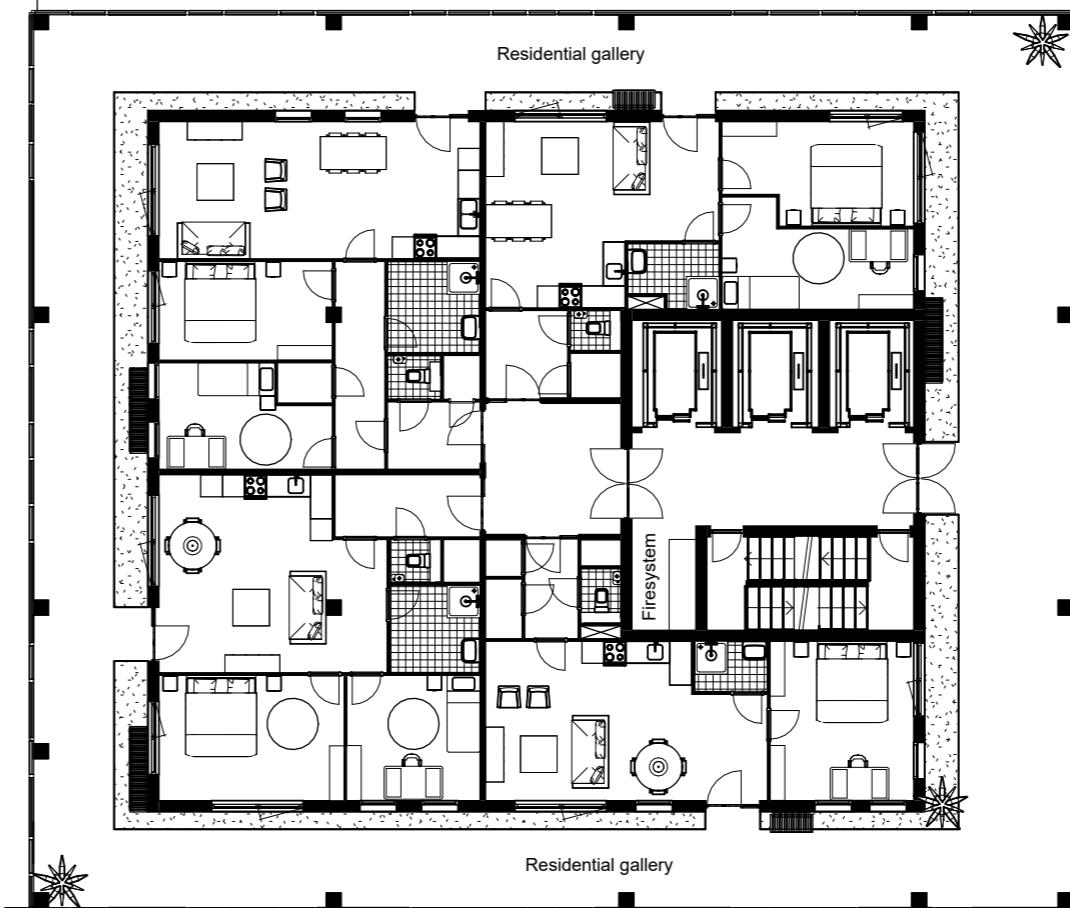
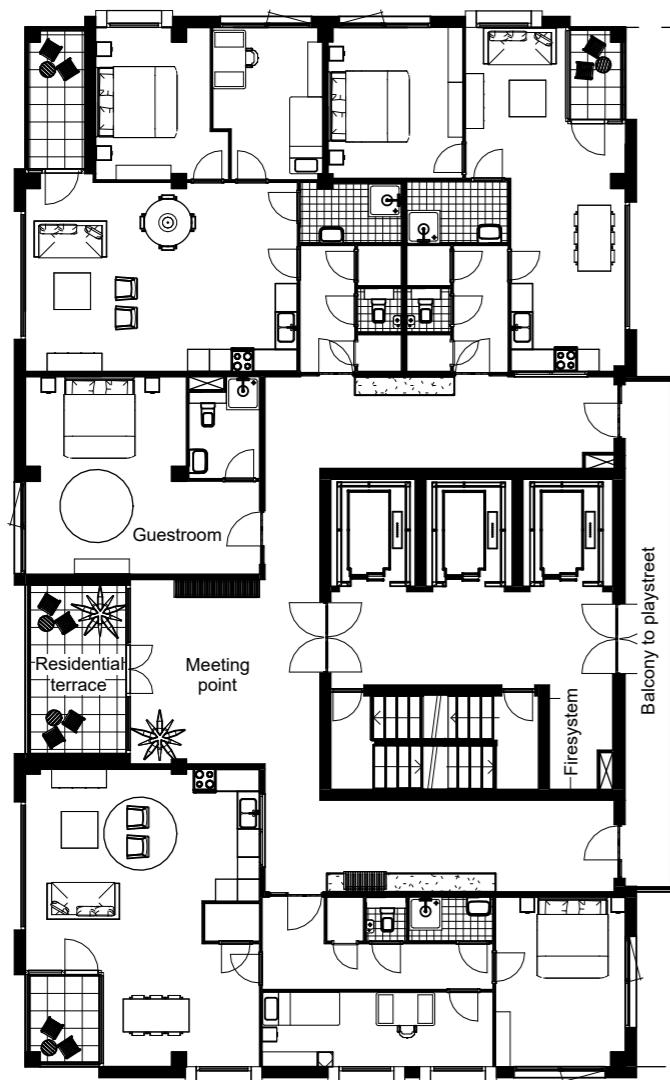
Detail 1:5

Inside and outside



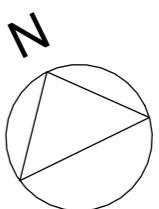
Floorplan - Level 25

The residential floor for families and students



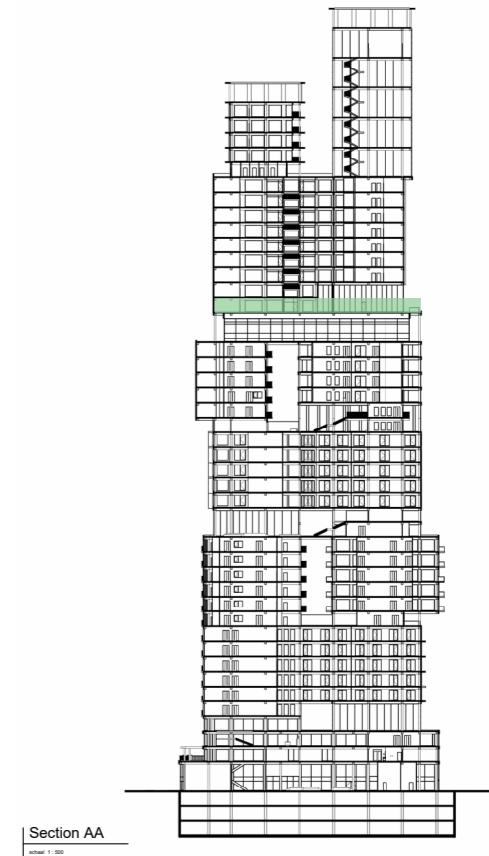
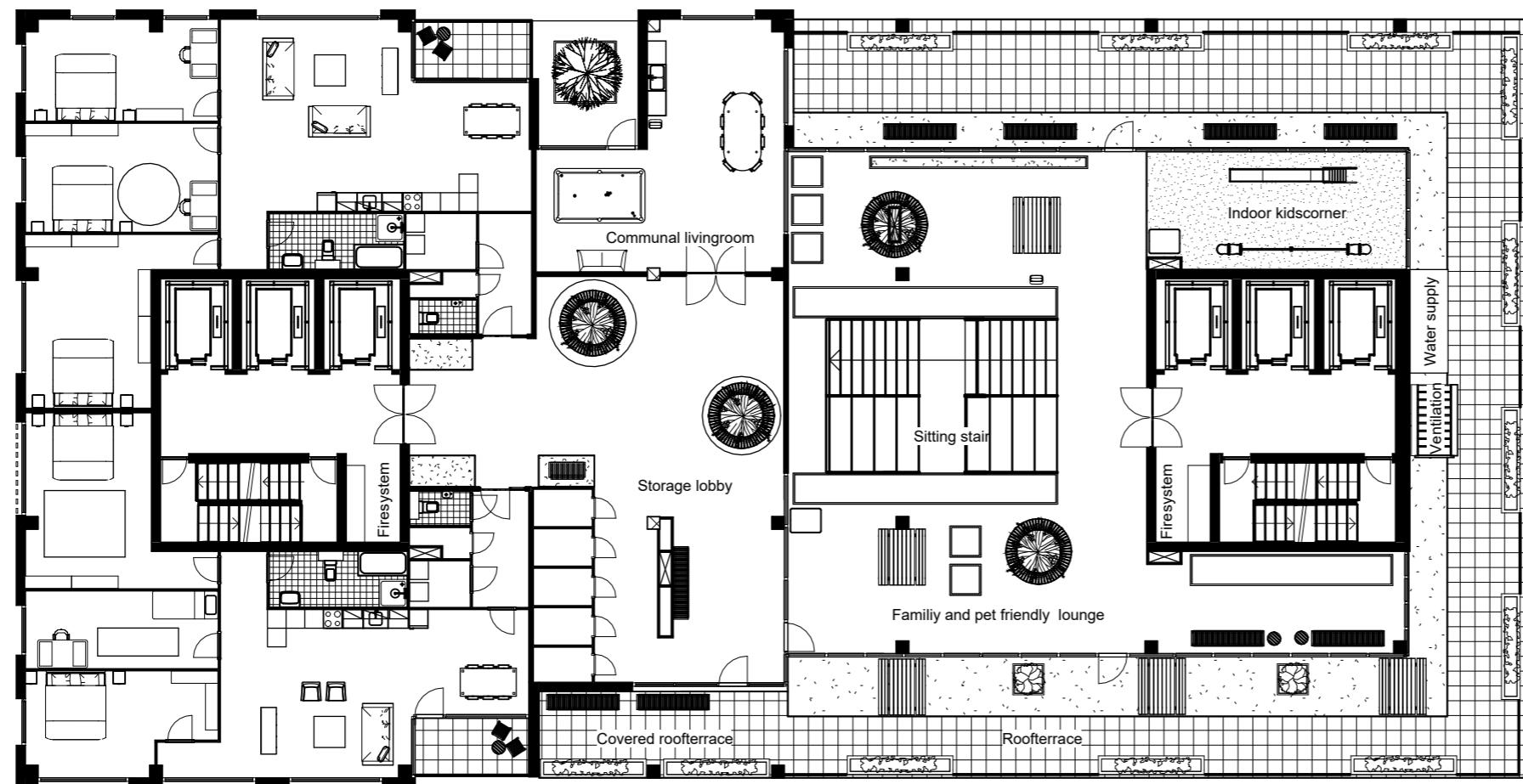
Floorplan level 25

schaal 1 : 200

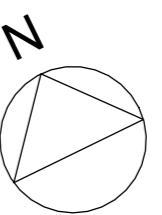


Floorplan - Level 31

The residential floor for big families

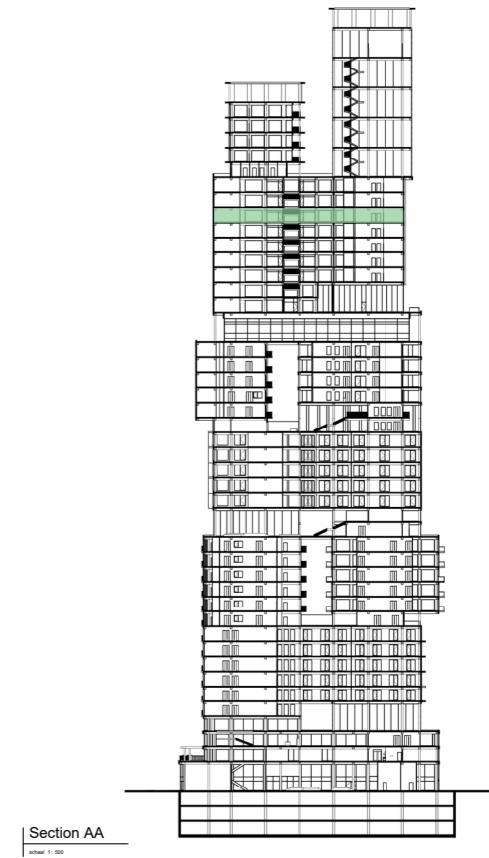
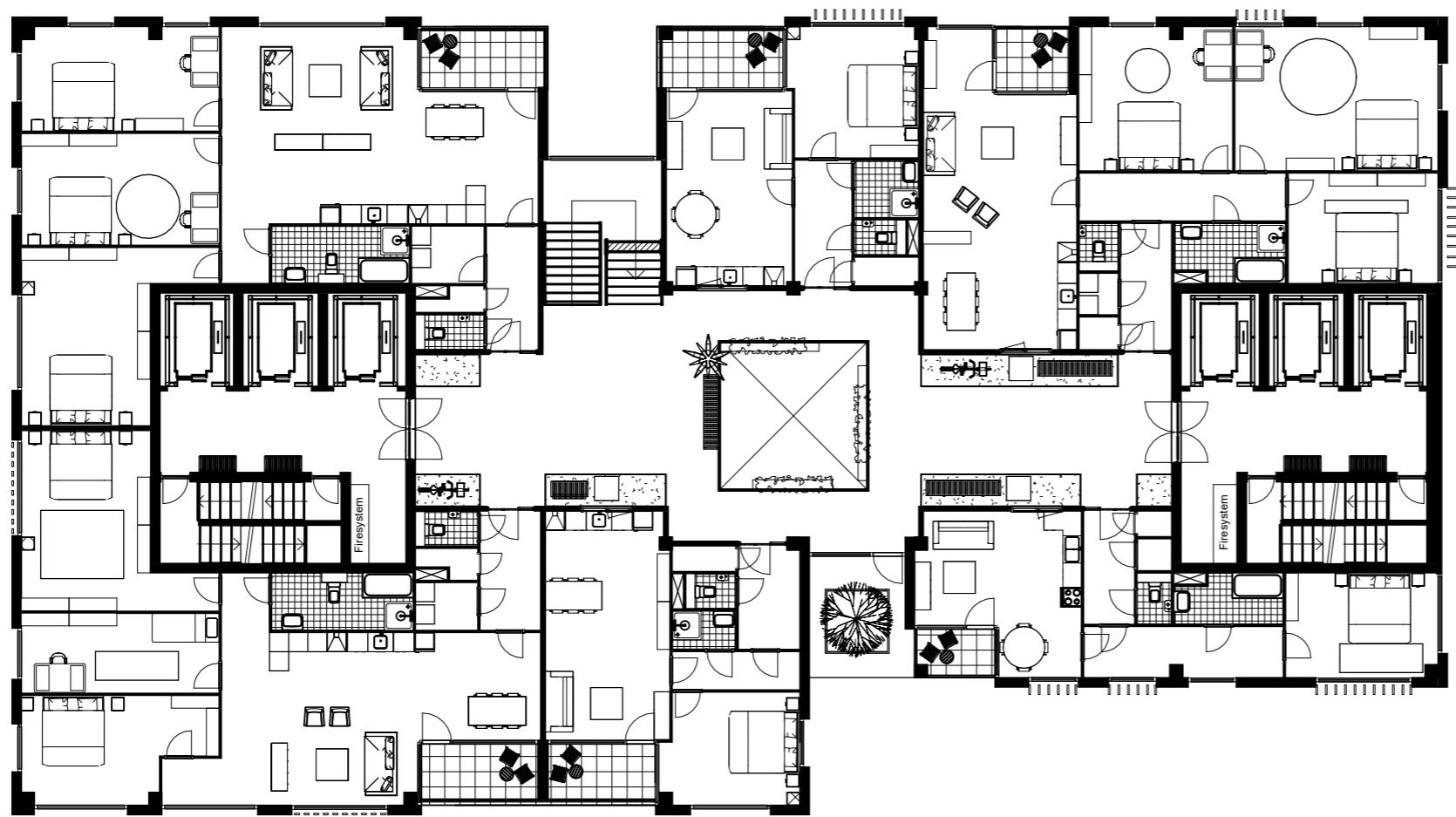


Floorplan level 31
schaal 1 : 200



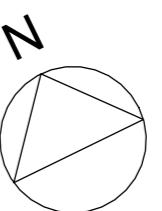
Floorplan - Level 37

The residential floor for mixed communities



Floorplan level 37

schaal 1 : 200



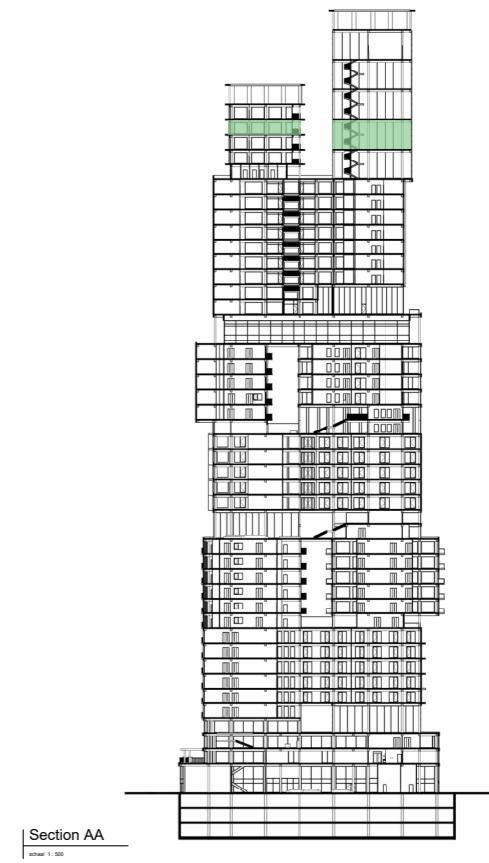
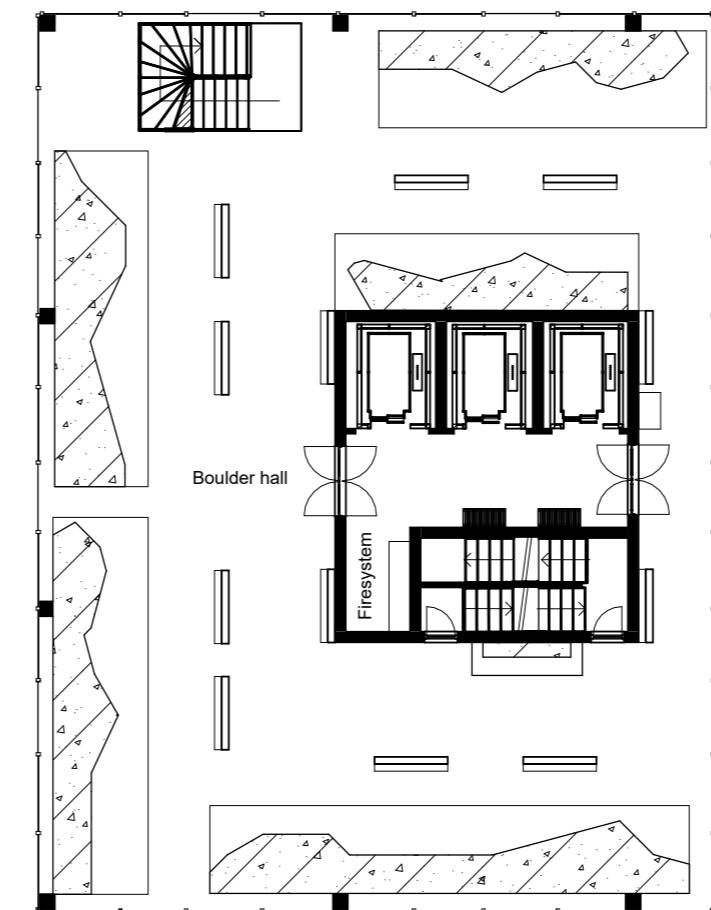
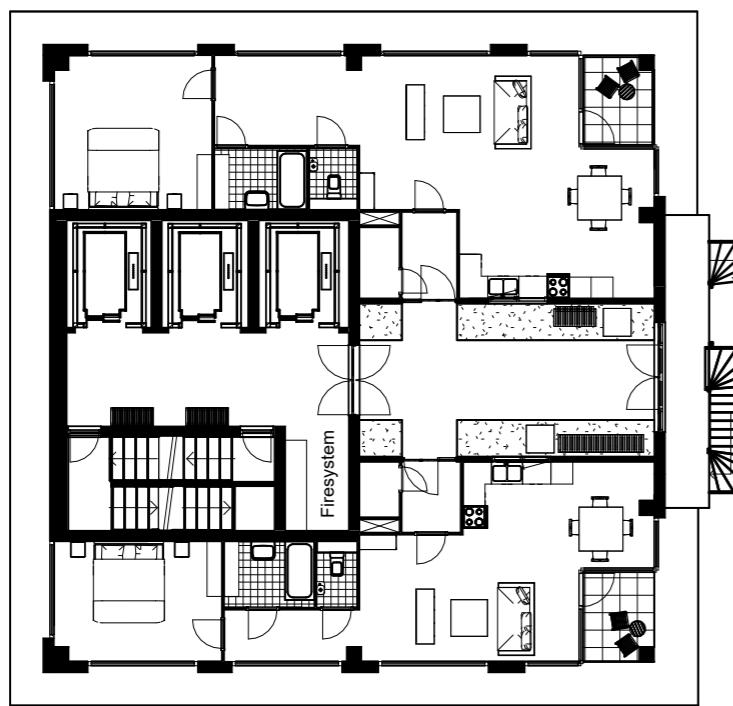
Impression - Level 37

The residential floor for mixed communities



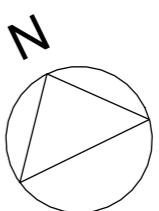
Floorplan - Level 43

The residential floor singles and starters



Floorplan level 43

schaal 1 : 200



South elevation 1:200



East elevation 1:200



