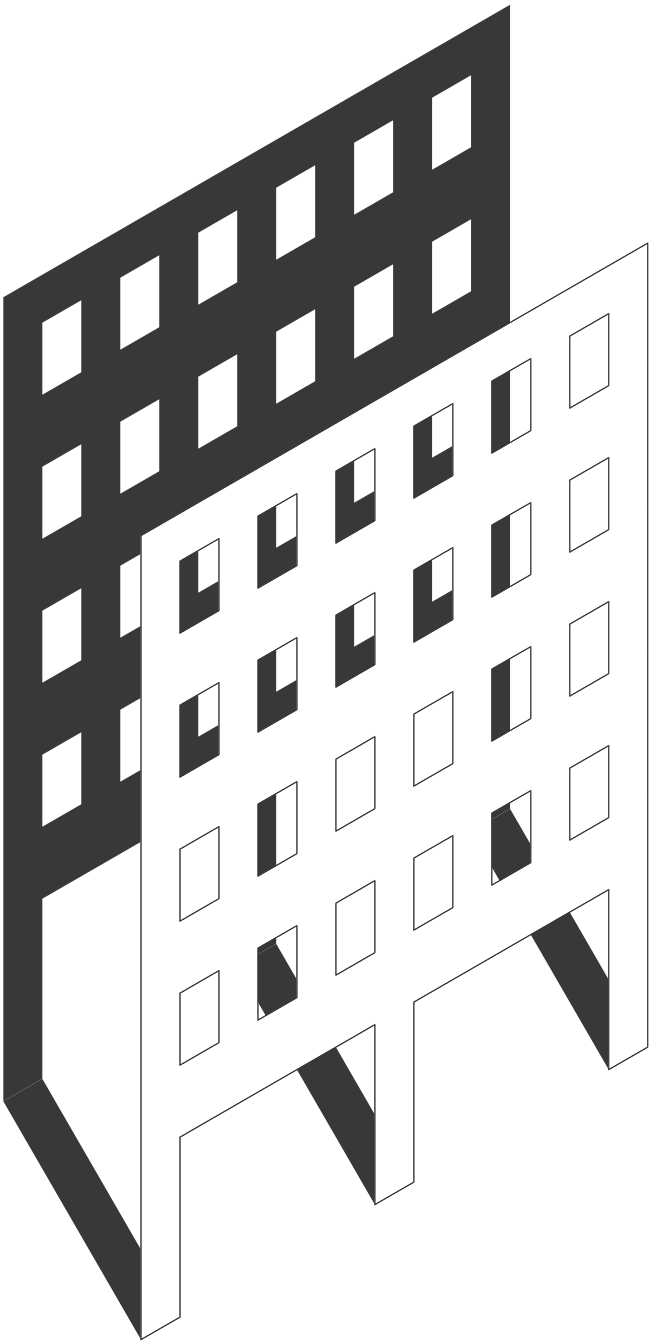
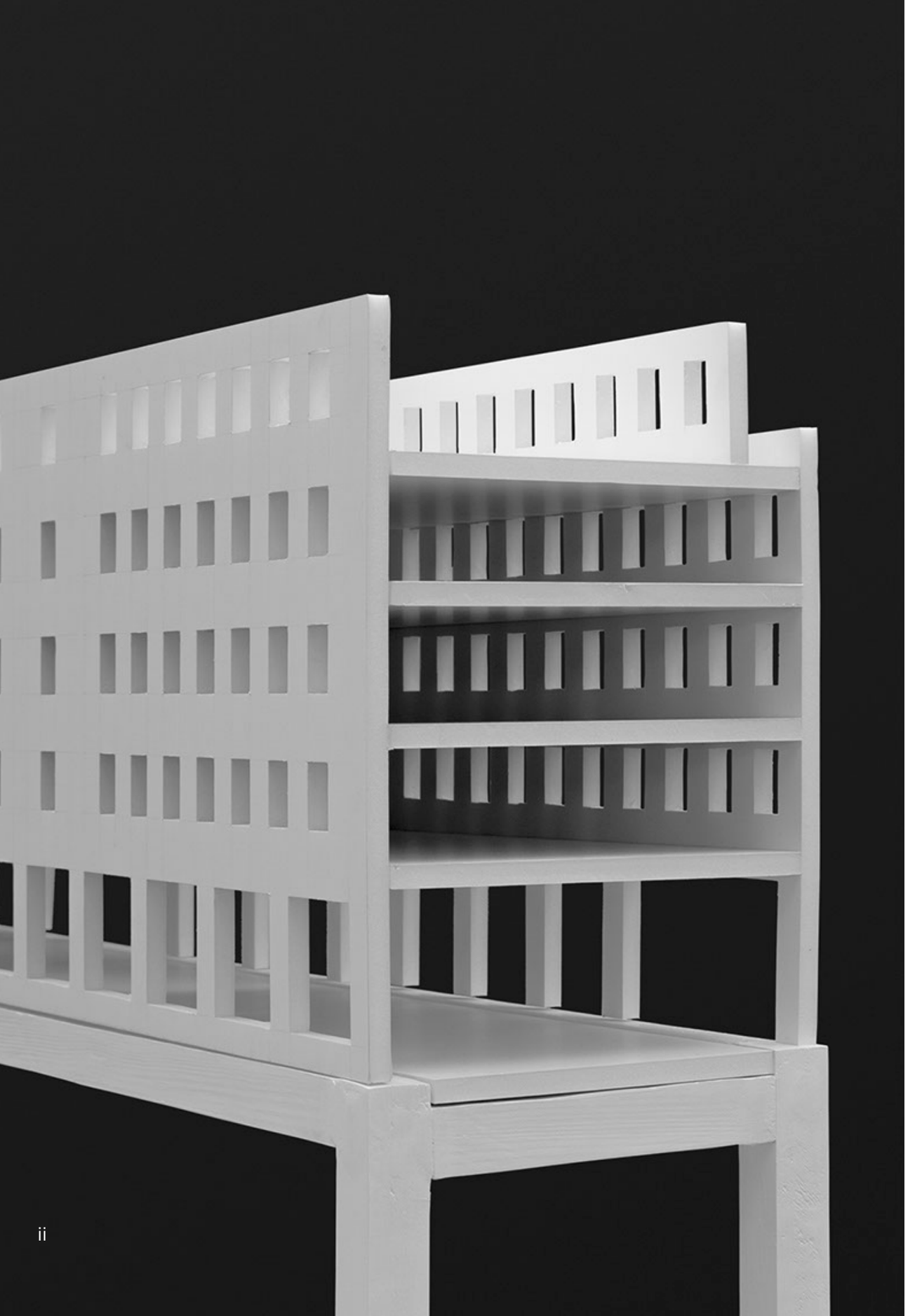


Portfolio

Jonathan Wilkinson

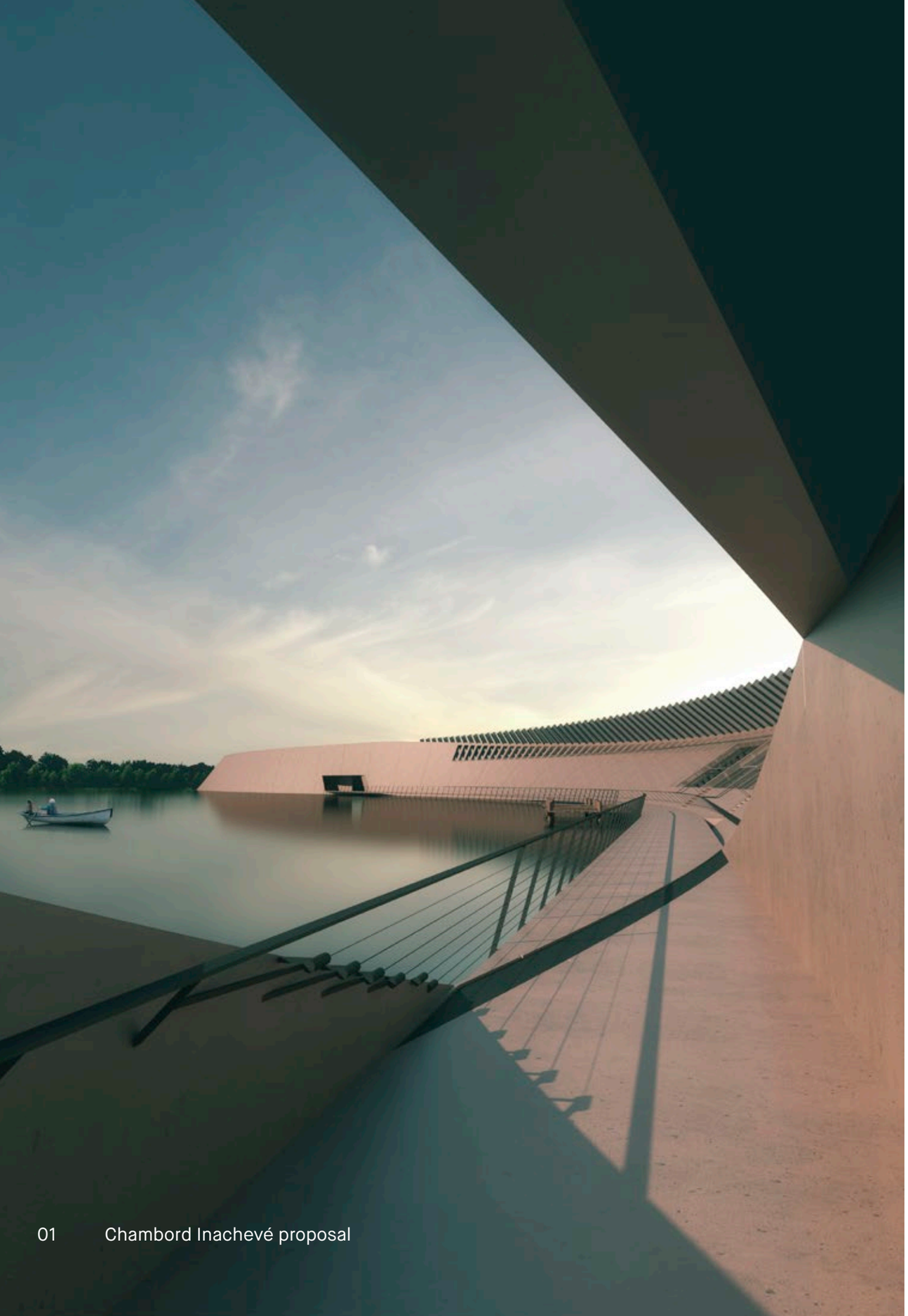
M Arch, Rice University

BS Arch, University of Cincinnati



Projects

1. After the flood (Après le déluge)
   Competition
2. How Much Land Does a Man Need?
   Graduate studio
3. Third
   M Arch thesis
4. Rosa Mexicano
   Graduate studio
5. Wienbola
   Competition
6. Death of the Panopticon
   Installation proposal



01 Chambord Inachevé proposal

After the flood (Après le déluge)

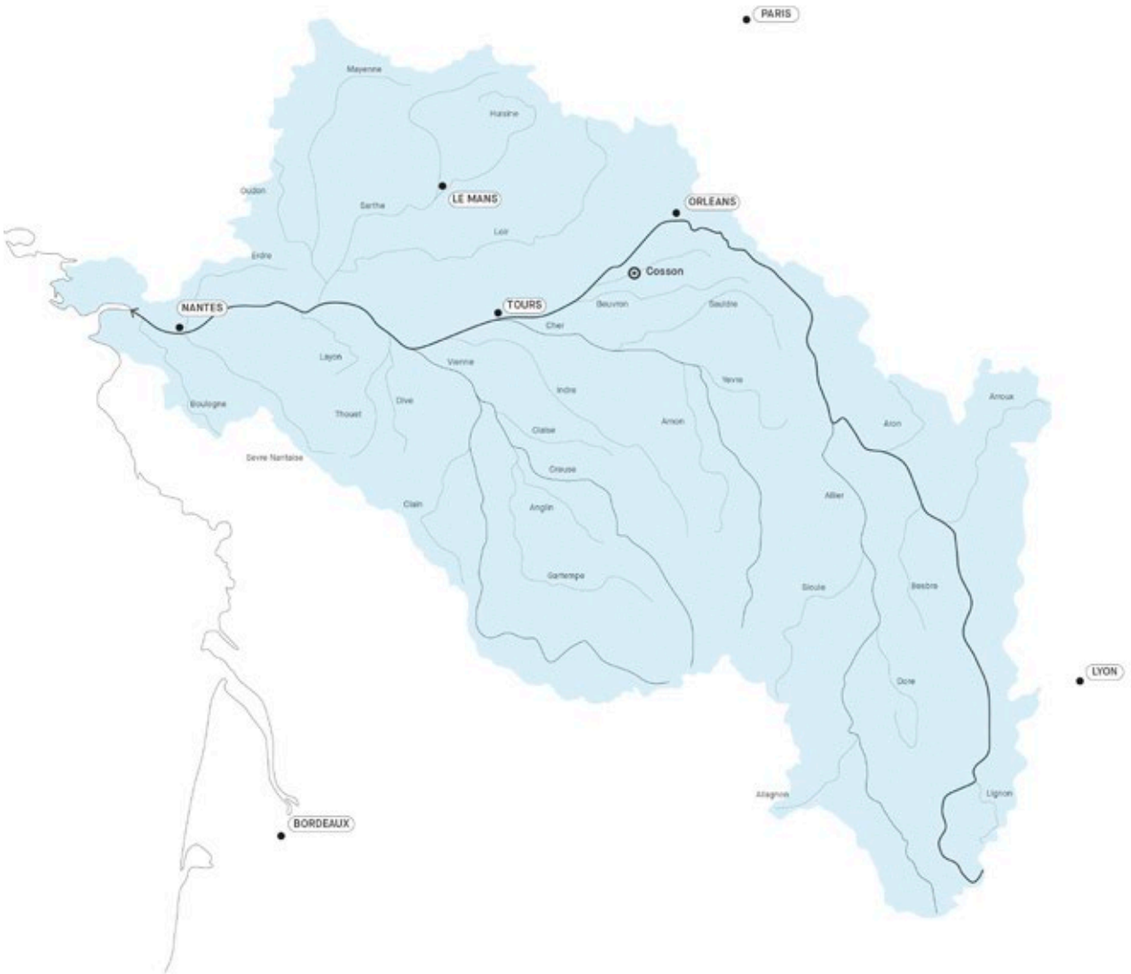
Year 2019

Status Collaboration with Will Letchinger at Rice University.

Location Chambord, France

Remarks An ideas competition to speculate on an unfinished Château de Chambord in the Loire Valley based on plans by Leonardo de Vinci. The Chambord Inachevé competition invited 20 international architecture schools to envision a plan for the next 500 years of the Domaine, a walled-off royal ground designed on utopian ideals.The proposal from Rice University responds to fears of imminent climate disaster and the destruction of national heritage and seeks to establish a positive relationship with the unique ecology of the site.

Winner of Chambord Inachevé Jury Prize; AIA/ASCA COTE Top Ten Award; AIA Fort Worth Honor Award; SARA NY Design Award; Margaret Everson-Fossi Fellowship



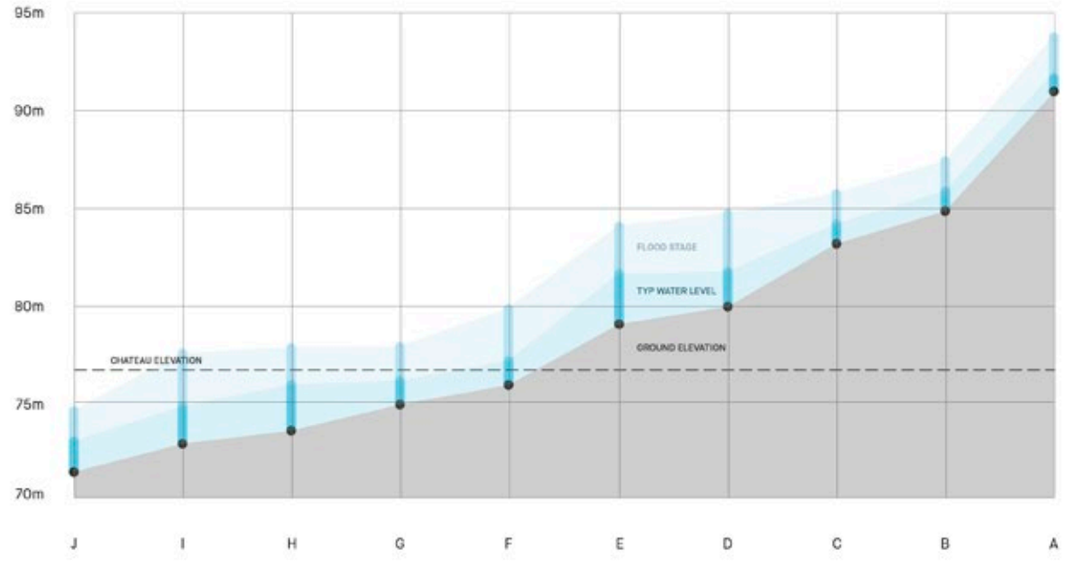
03 Loire River watershed

Climate change threatens destruction of cultural heritage

Chateau de Chambord, 1519

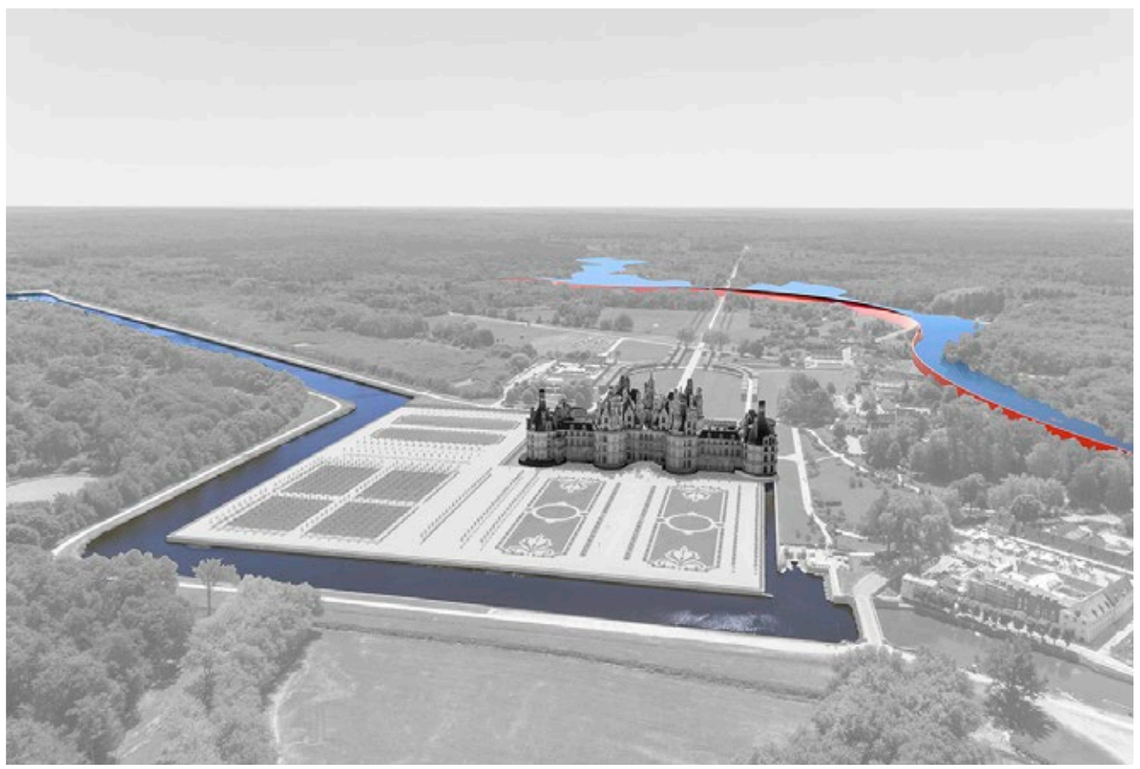
04

Proposed site plan

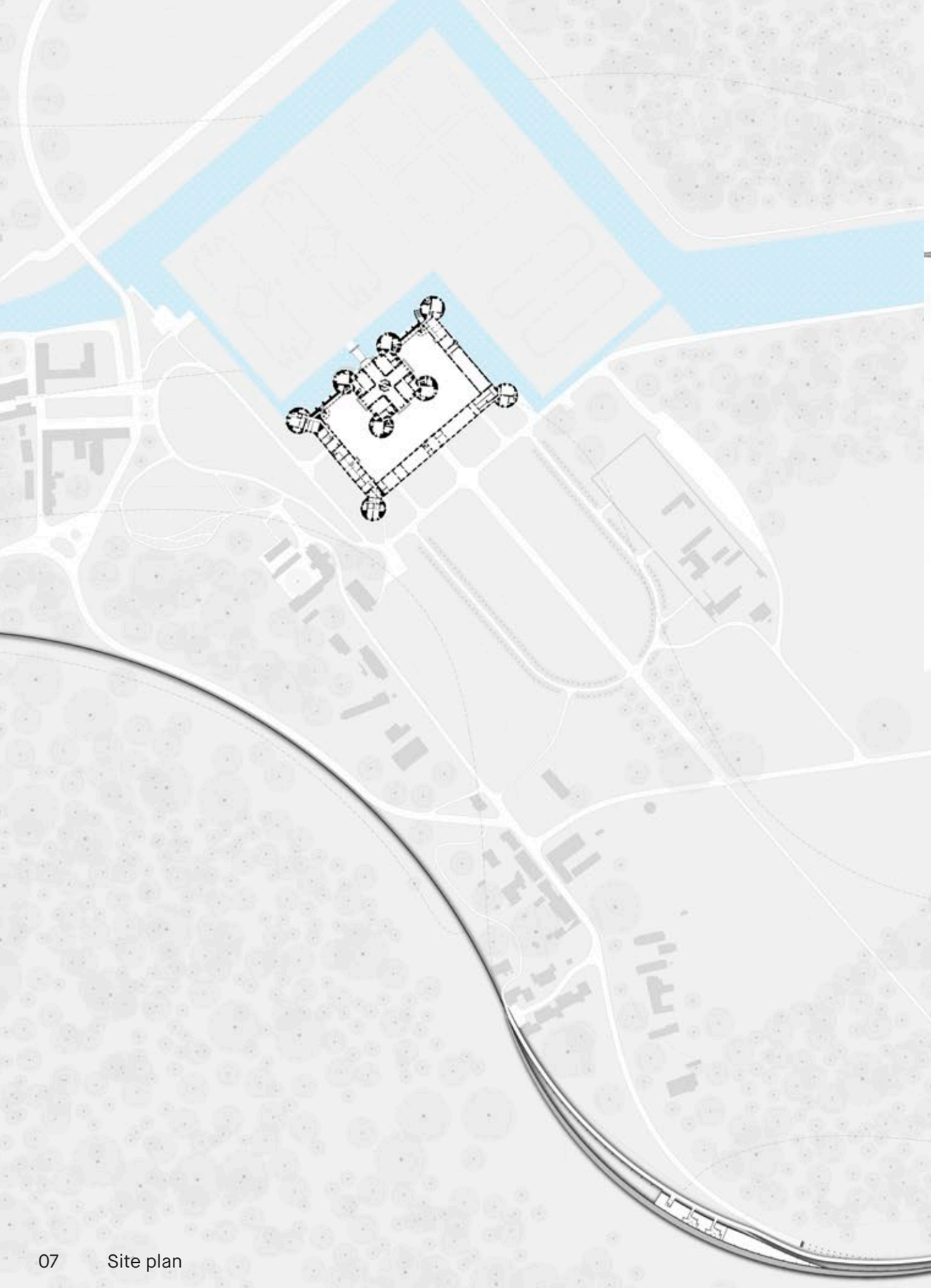


Flood elevations in the domain

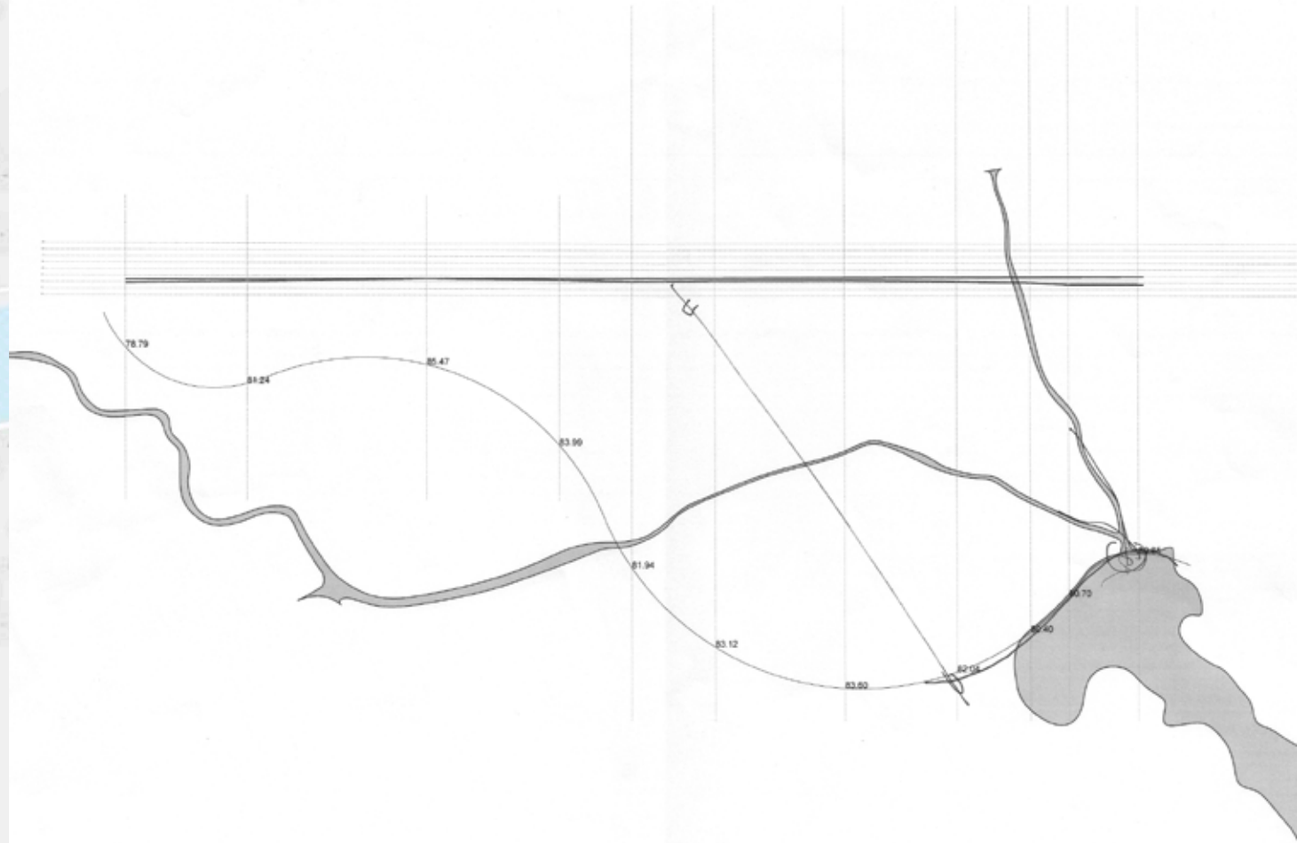
05 1:1000 study model



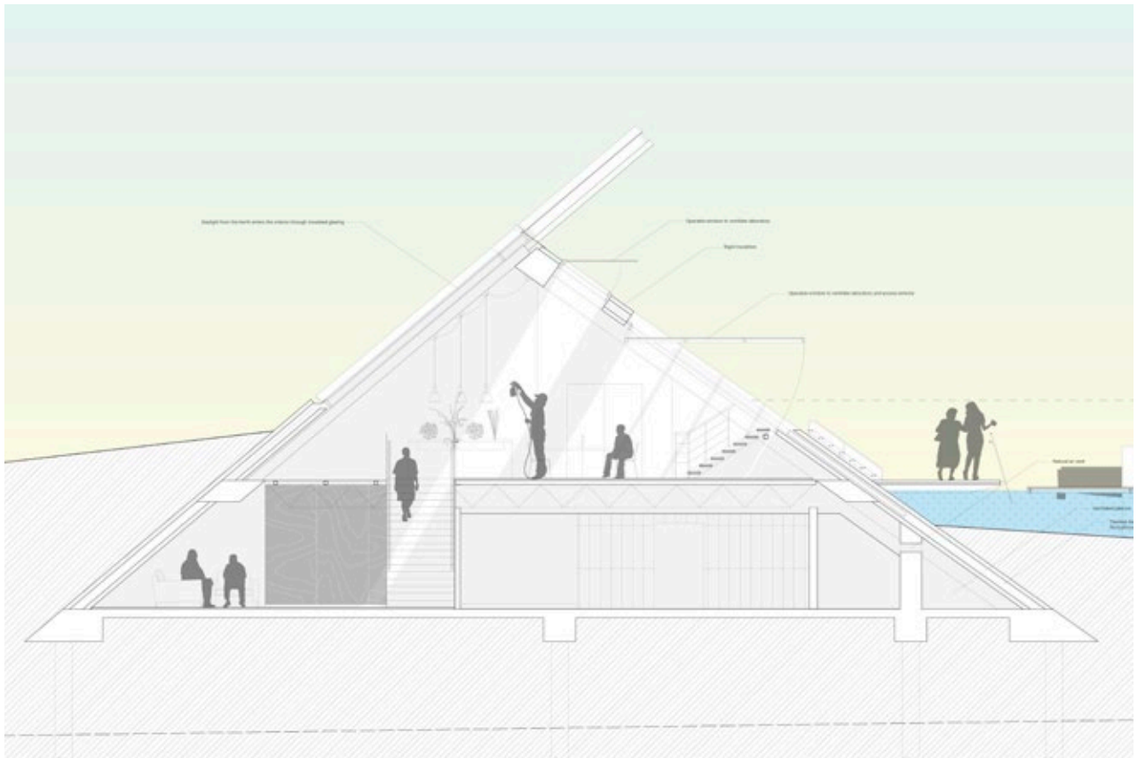
Proposal collage 06



07 Site plan

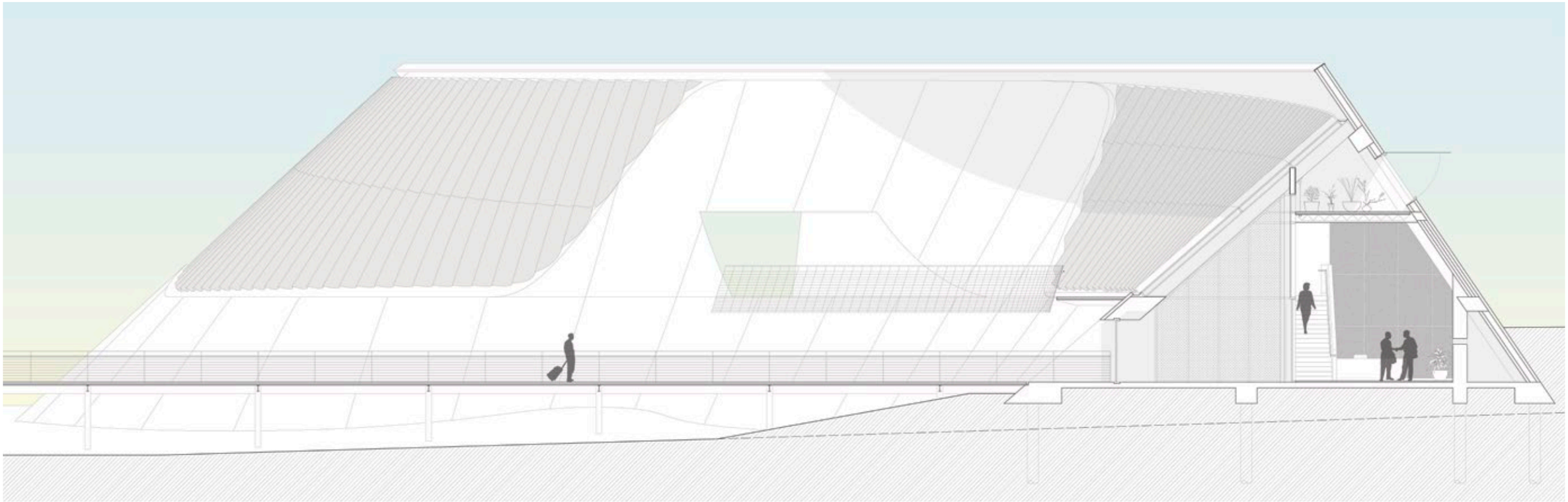


Elevation sketch

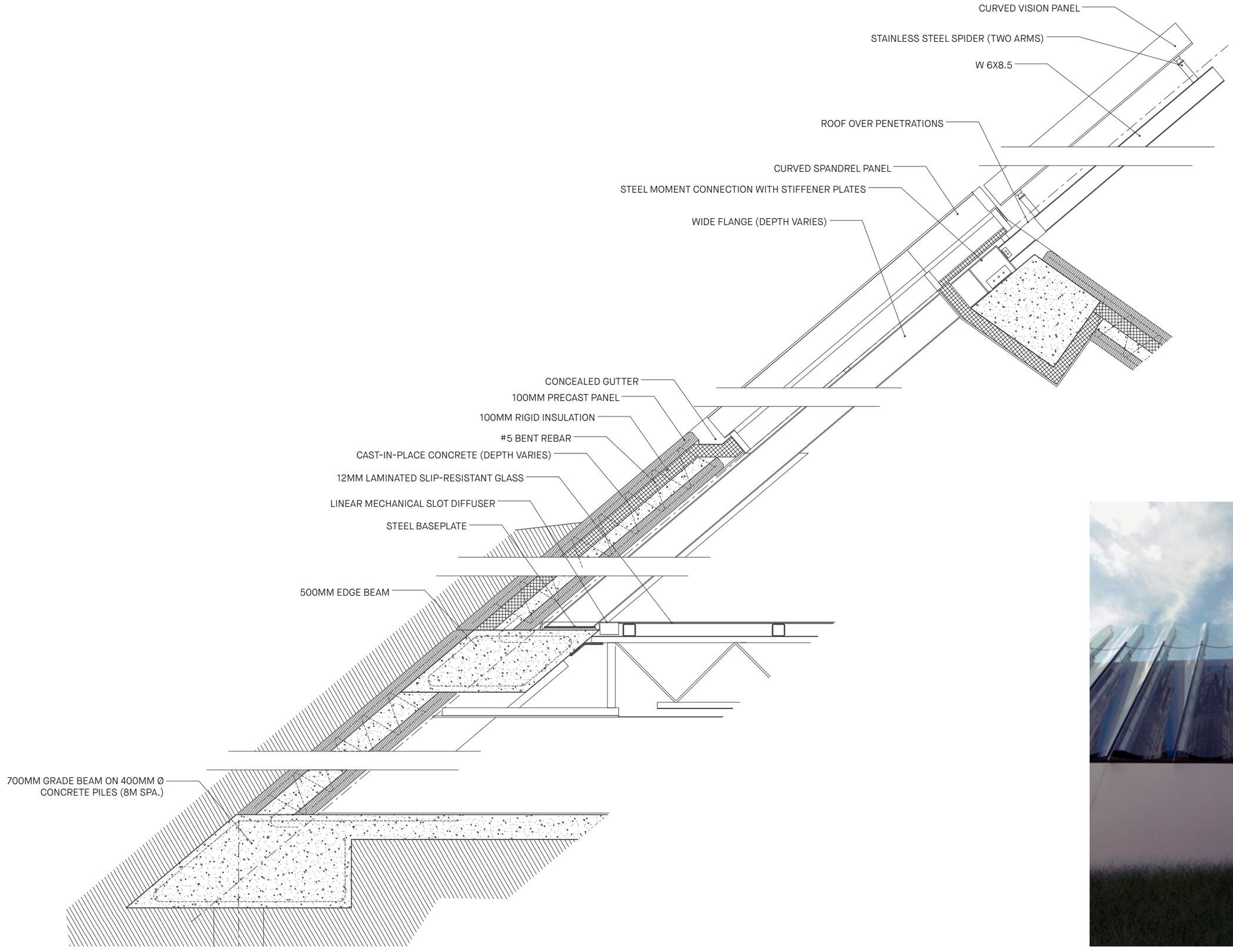


Section through wet lab

1:50 section model



09 Section on axis with chateau



11 *Premur* concrete combination wall assembly

Chateau facing elevation (dry facade) 12

How Much Land Does A Man Need?

Year 2018

Status Graduate work at Rice University completed as a studio.

Location Houston, TX

Remarks Collective masterplan for Midtown Houston for medium-density housing across ten parcels.

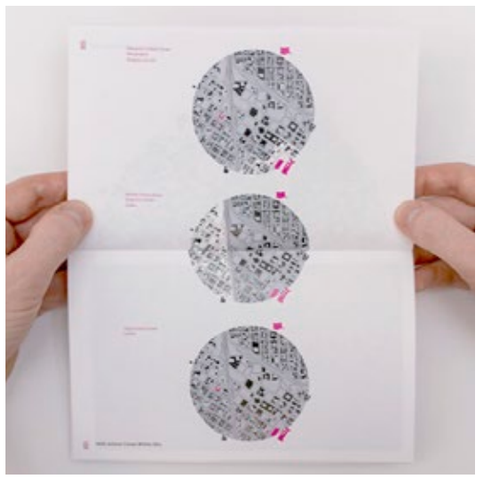
The individual architectural proposal takes the form of three slender towers with modest one and two bedroom apartments. An irreguar central core 'wobbles' around the center of each tower to produce a number of self-similar unit types.

Physical model photograph, 1/2”=1’-0”

13

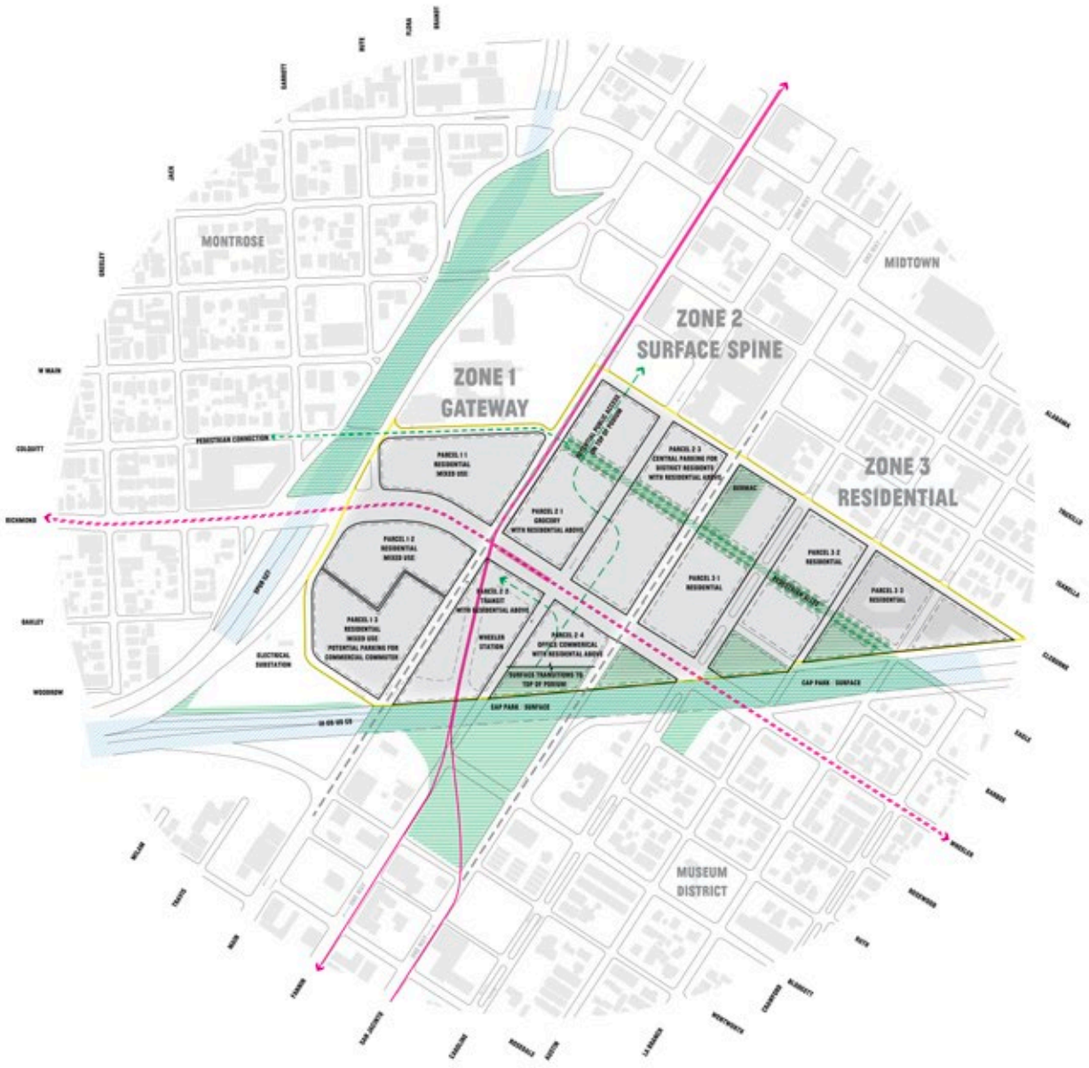
Massing model 1/64"=1'-0"

14



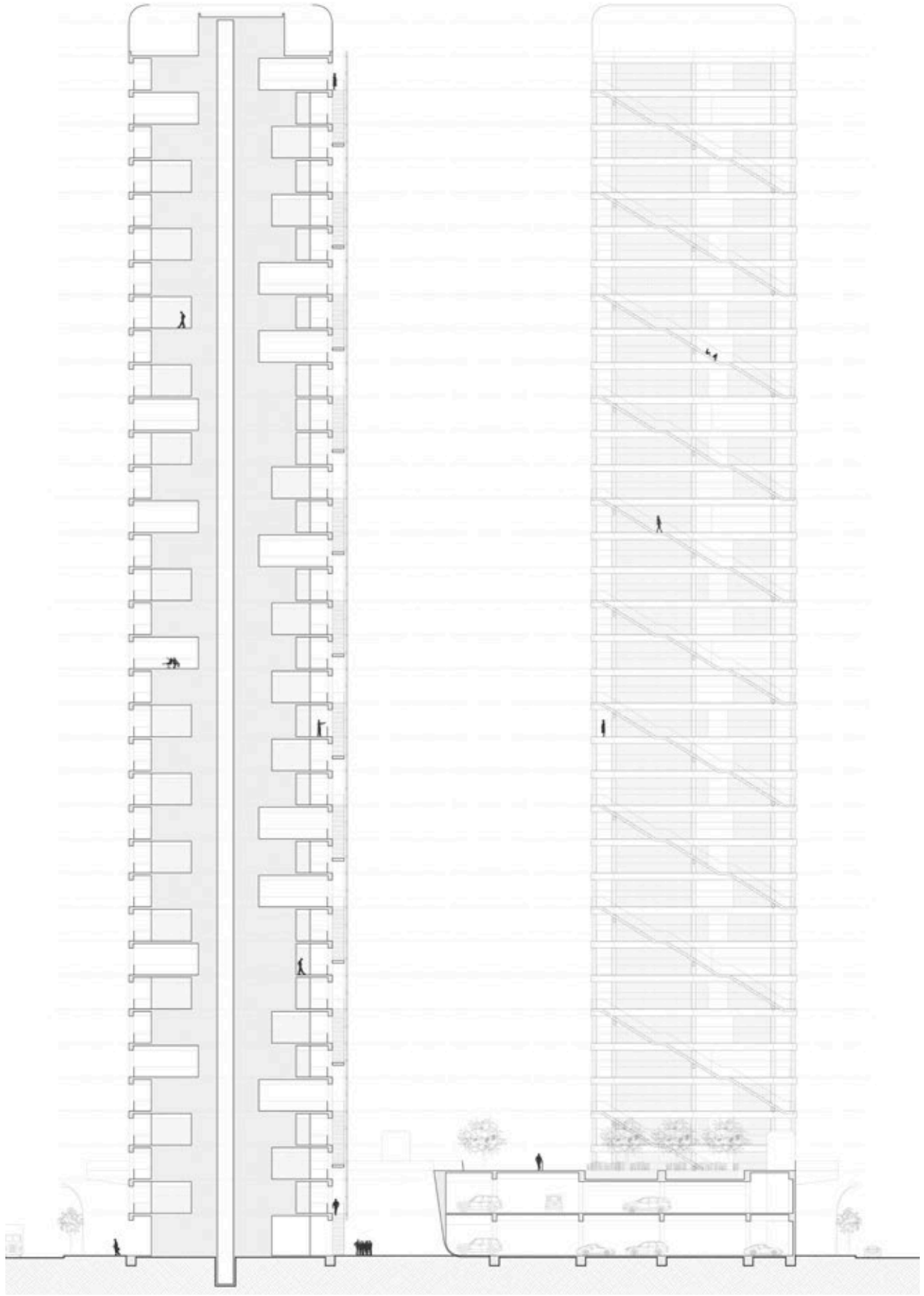
Studio research and masterplan

View through apartment toward access balcony, 1/2"=1'-0" physical model.



17 Masterplan diagram

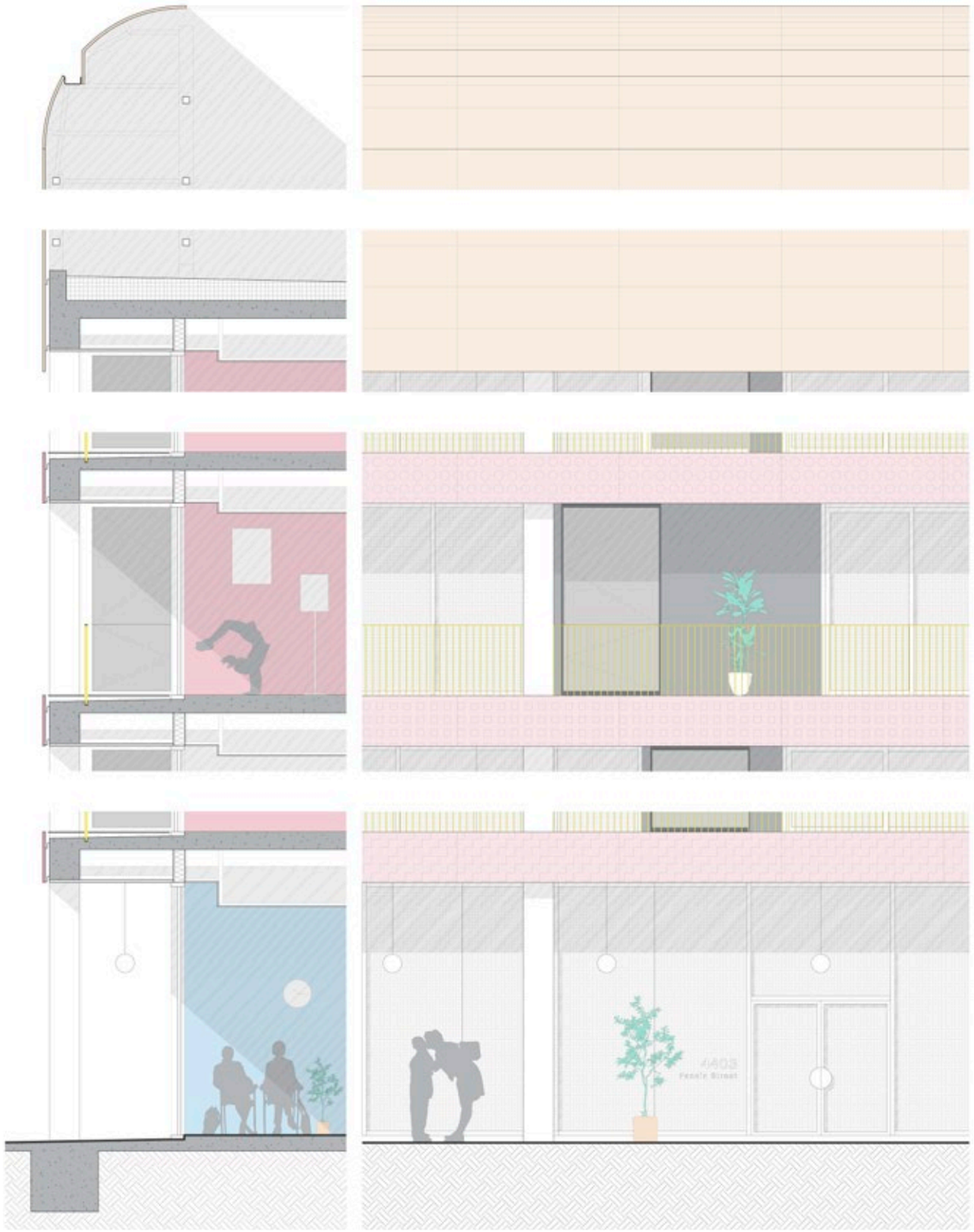
Physical model 1/64”=1’-0” 18



19 Tower section and elevation

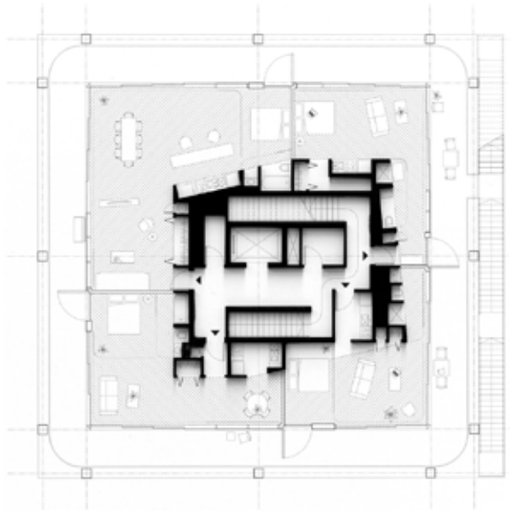
1/4”=1’-0” section model

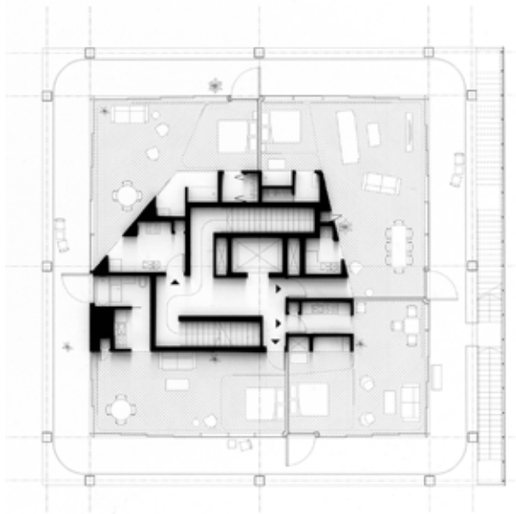
Balcony elevation 20



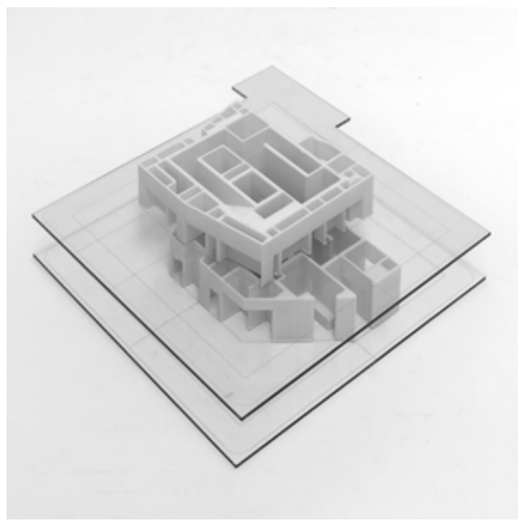
21 Wall section & elevation

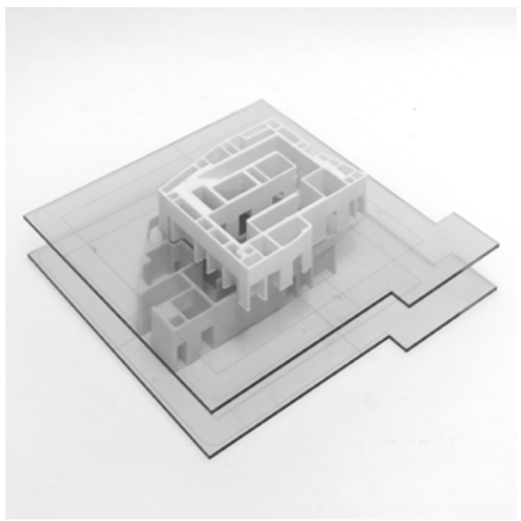
Collective balconies 22





Floor plans: 4 units, 470–750 SF





23 Core type study models 1/8”=1’-0”

Podium perspective 24

Third

Year 2020

Status M Arch Thesis

Location Everyday Street,
between Rossi & Haussmann

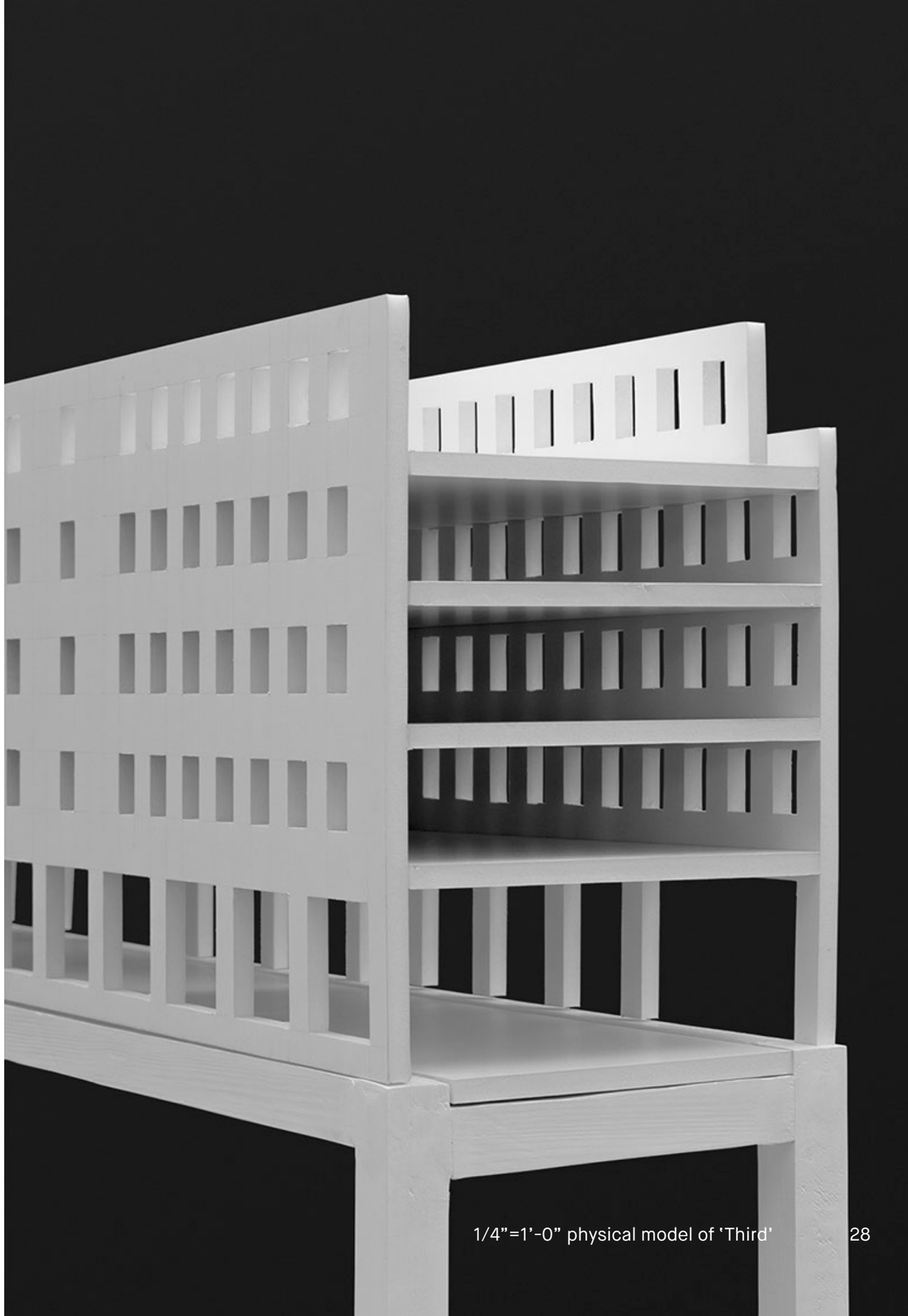
Remarks In our perception, the built environment tends to disappear into the background through habit and routine. A representational 'sameness' allows subtle differences to foreground in our perception.

The project takes a sociological definition of space, positing the latent potential of third places to mediate between the privacy of our domestic environments and our public spheres within the context of our everyday social environment.

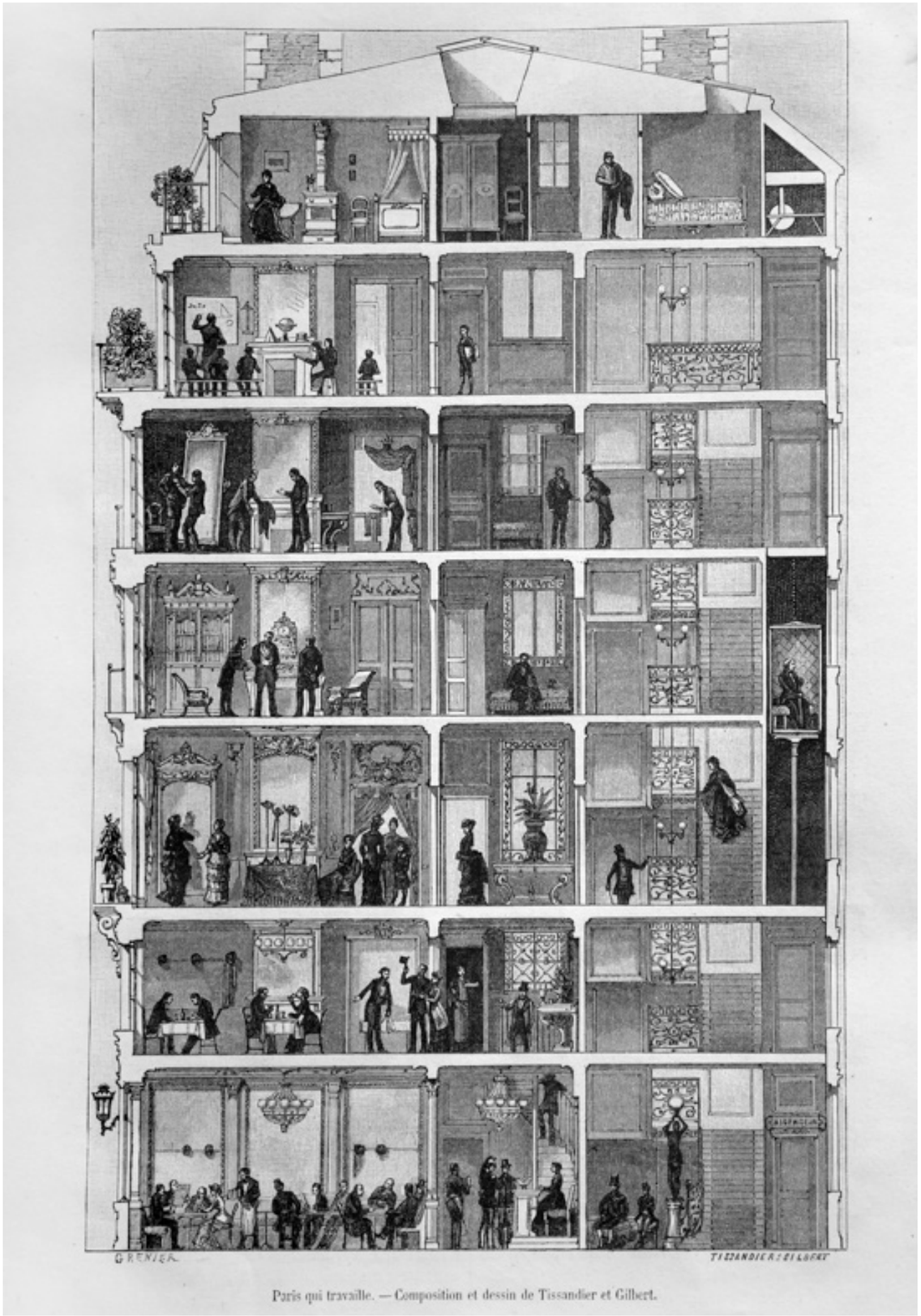
Sited in a fictional urban context, the project disguises itself as a normative five-story building containing spaces for domestic, professional, and social activities.

The following images are from a limited palette of planimetric and three-dimensional representations that stage mundane scenes of habitation and routine as something unfamiliar or that which requires closer inspection.

27 Kitchen, 32 days

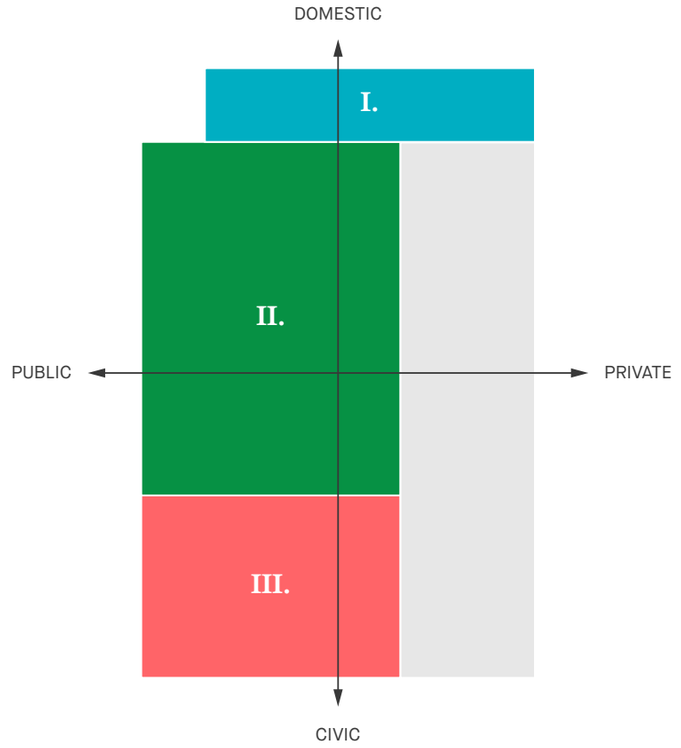


1/4”=1’-0” physical model of ‘Third’ 28



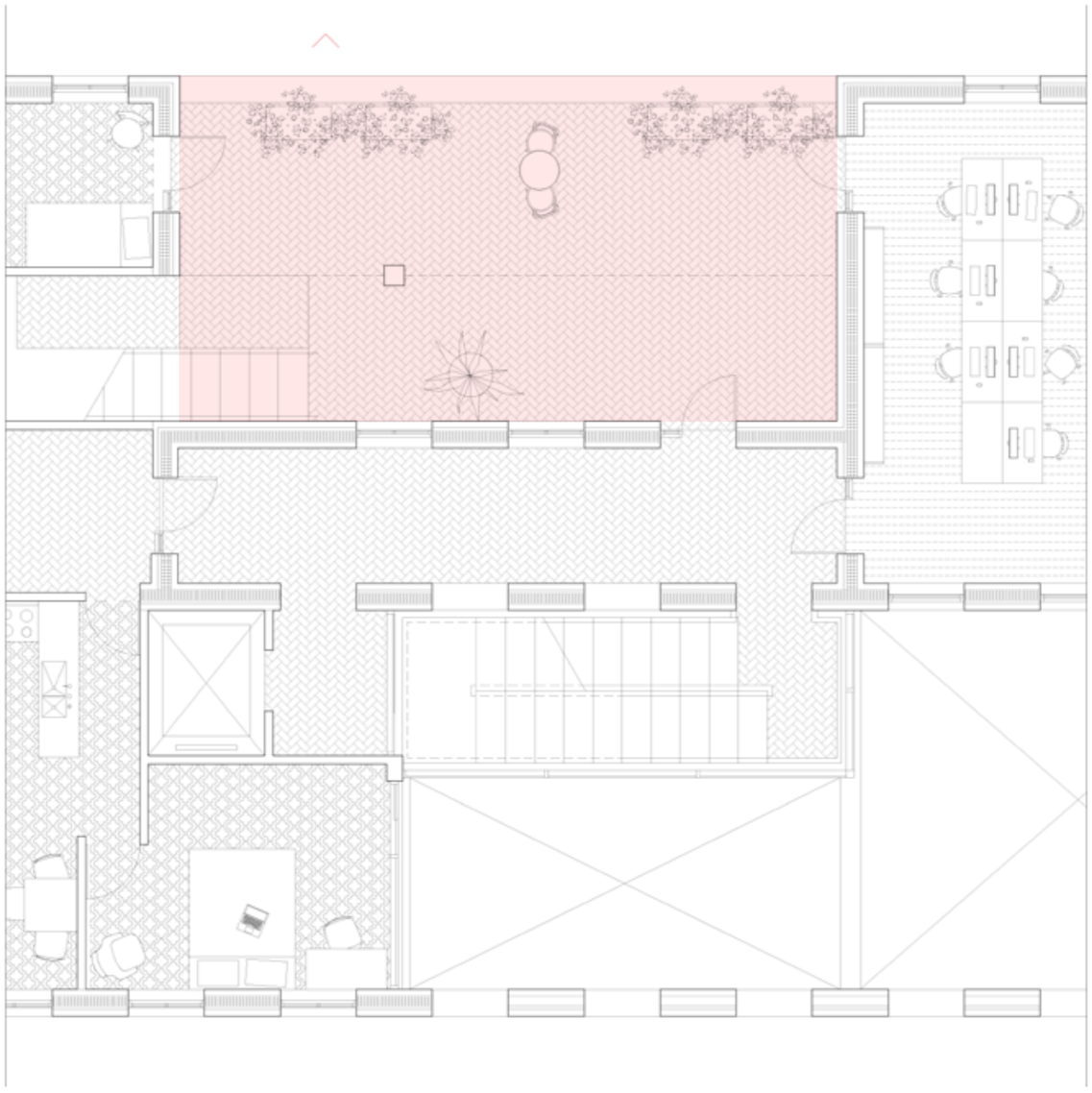
Paris qui travaille. — Composition et dessin de Tissandier et Gilbert.

Cross section through Haussmannian apartment building. Drawing by Tissandier and Gilbert, "Paris qui travaille" (Working Paris), Le Magasin Pittoresque, 1883.`



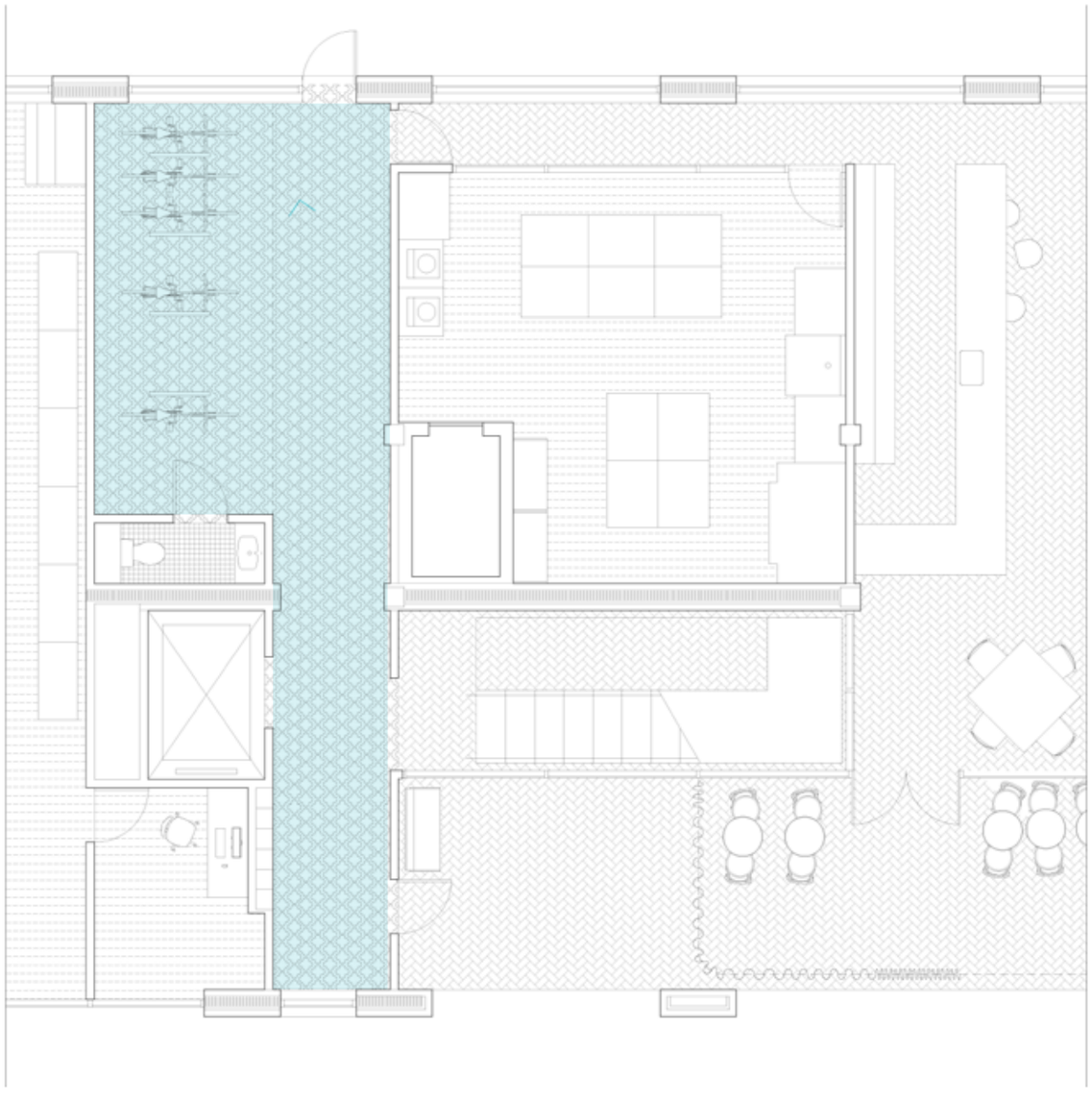
1-2-3 diagram of "Paris qui travaille."

Third places, or settings for an 'informal public' offer the opportunity to mediate between the privacy of our domestic environments and our public identities.

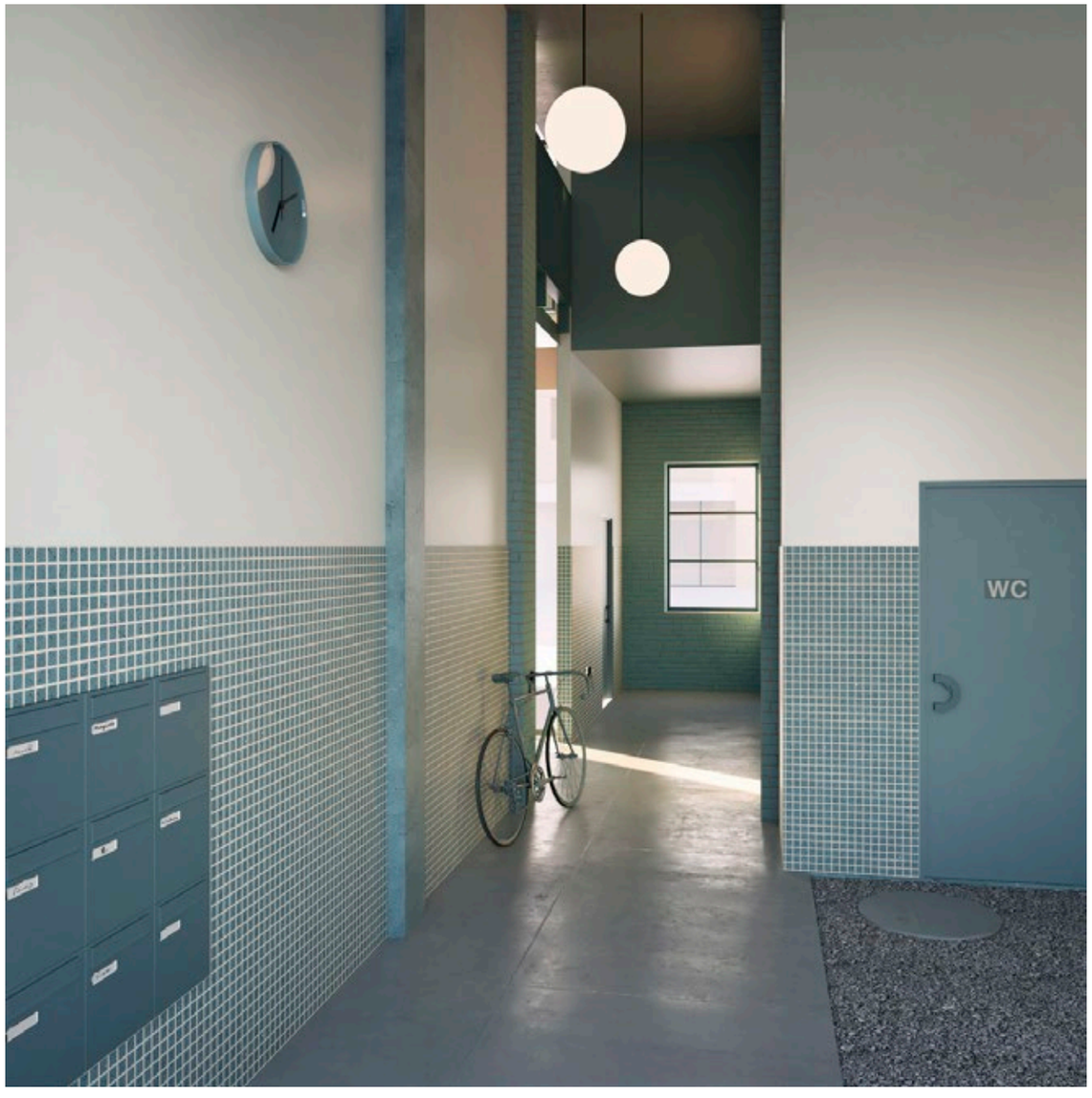


33 Level 2 plan segment

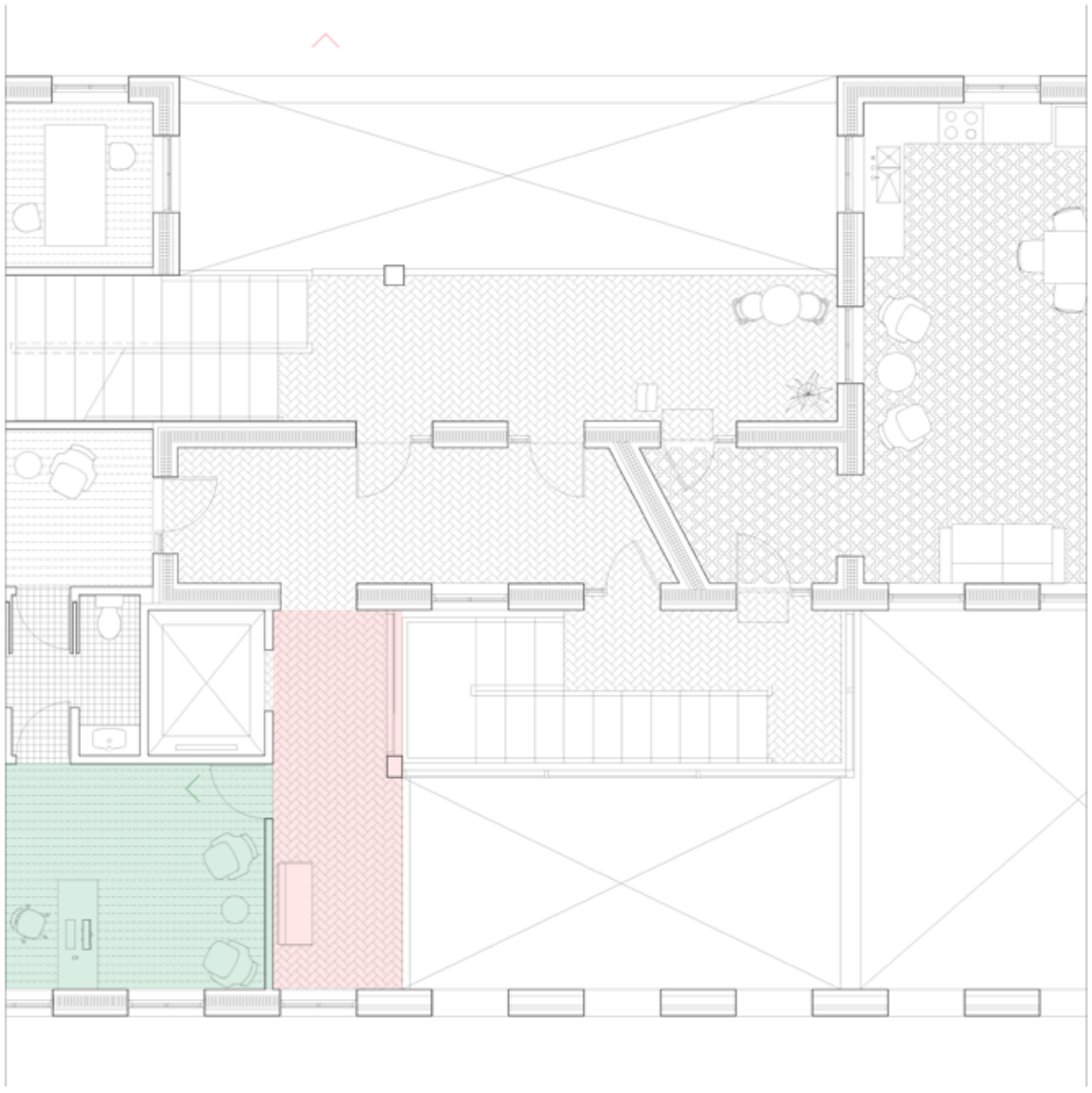
Third Place Backyard patio for several residences. 34



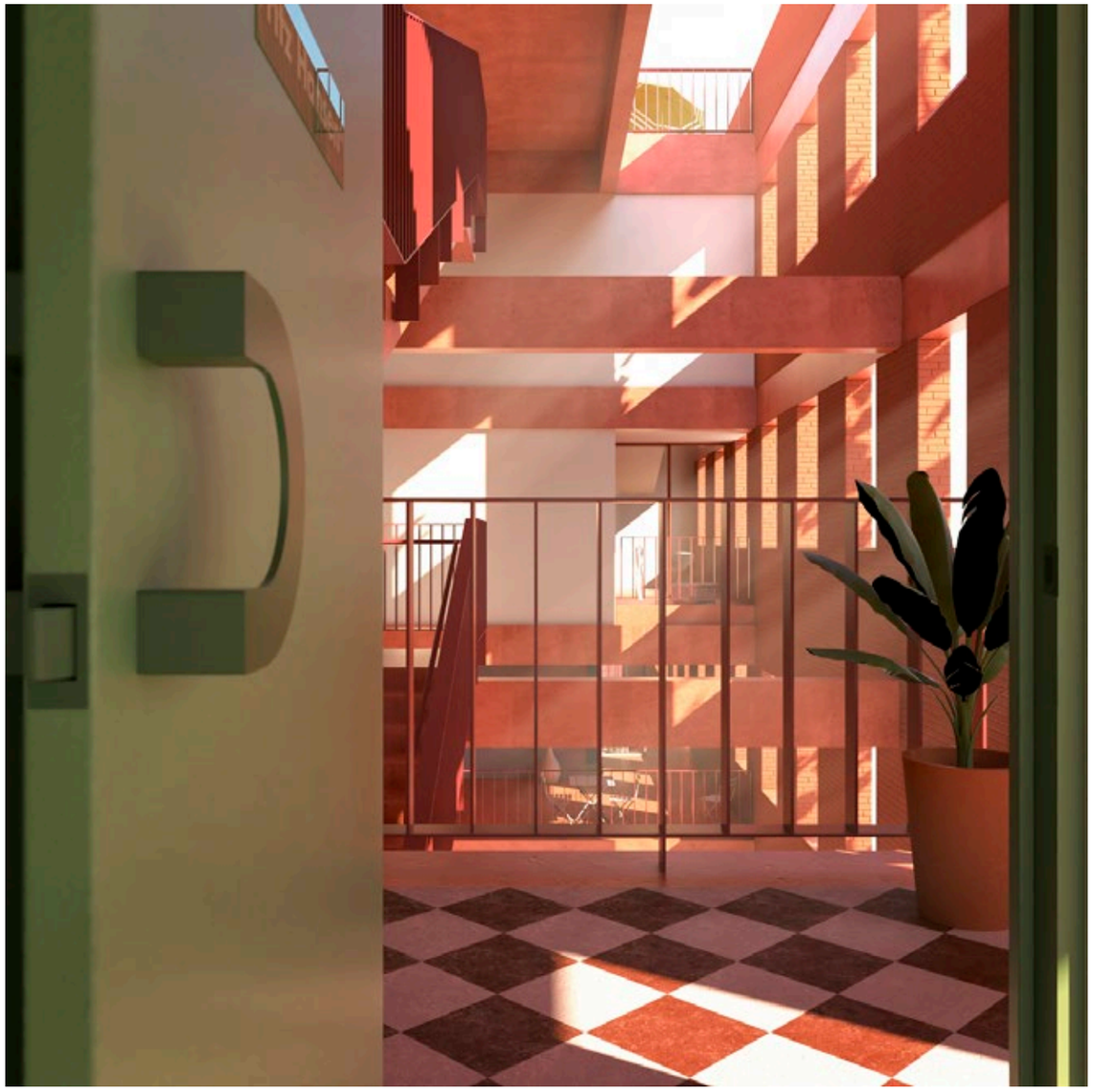
35 Ground floor plan segment



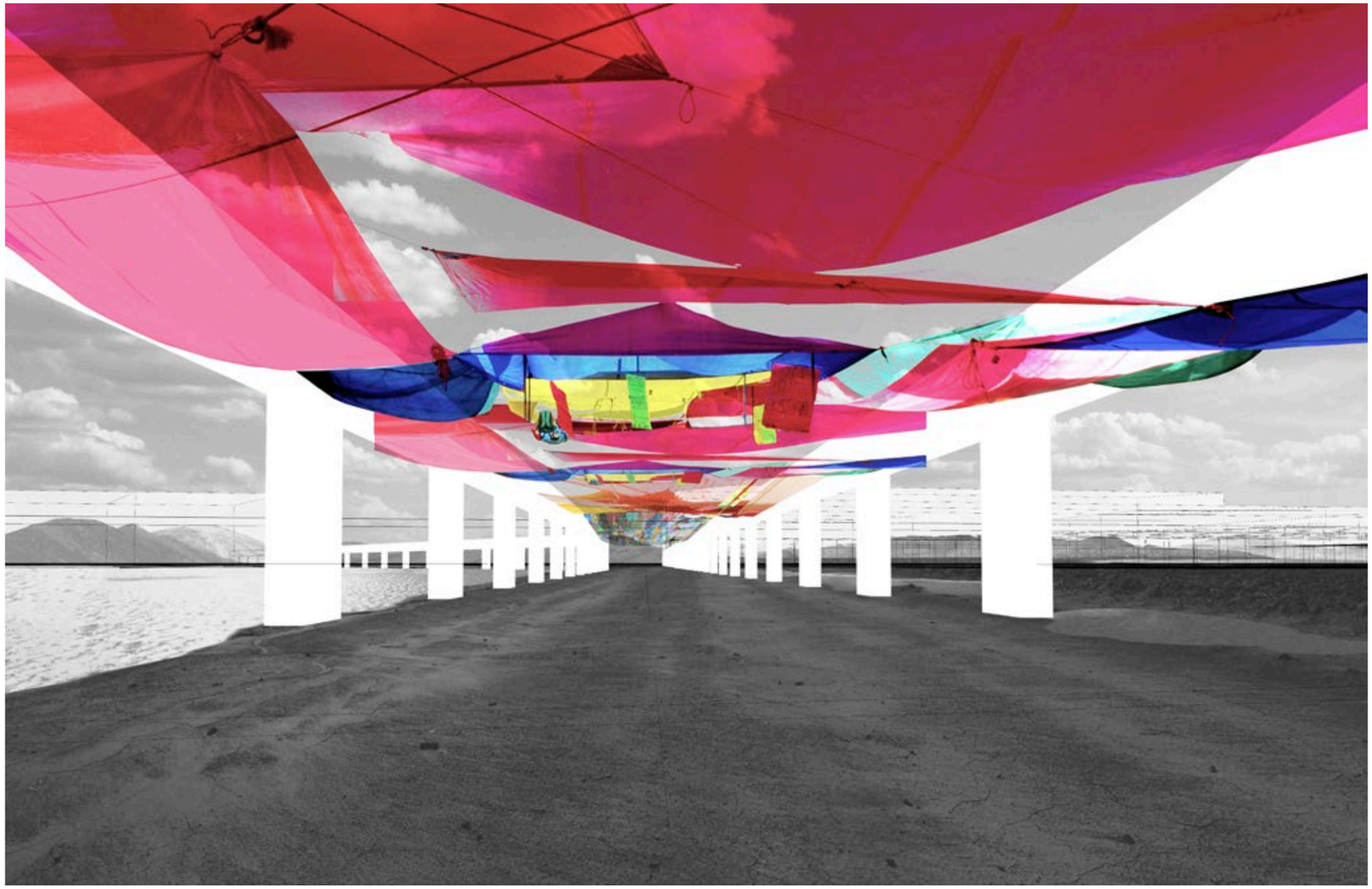
First Place Mailroom, bike storage, powder room, egress to sidewalk cafe. 36



37 Level 3 plan segment



Second Place Landing at entry to lawyer’s office. 38



Lake Texcoco site

Rosa Mexicano

Year 2019

Status Collective and individual student work completed during option studio, "On Ruination," taught by Frida Escobedo and Heather Rowell.

Location Mexico City

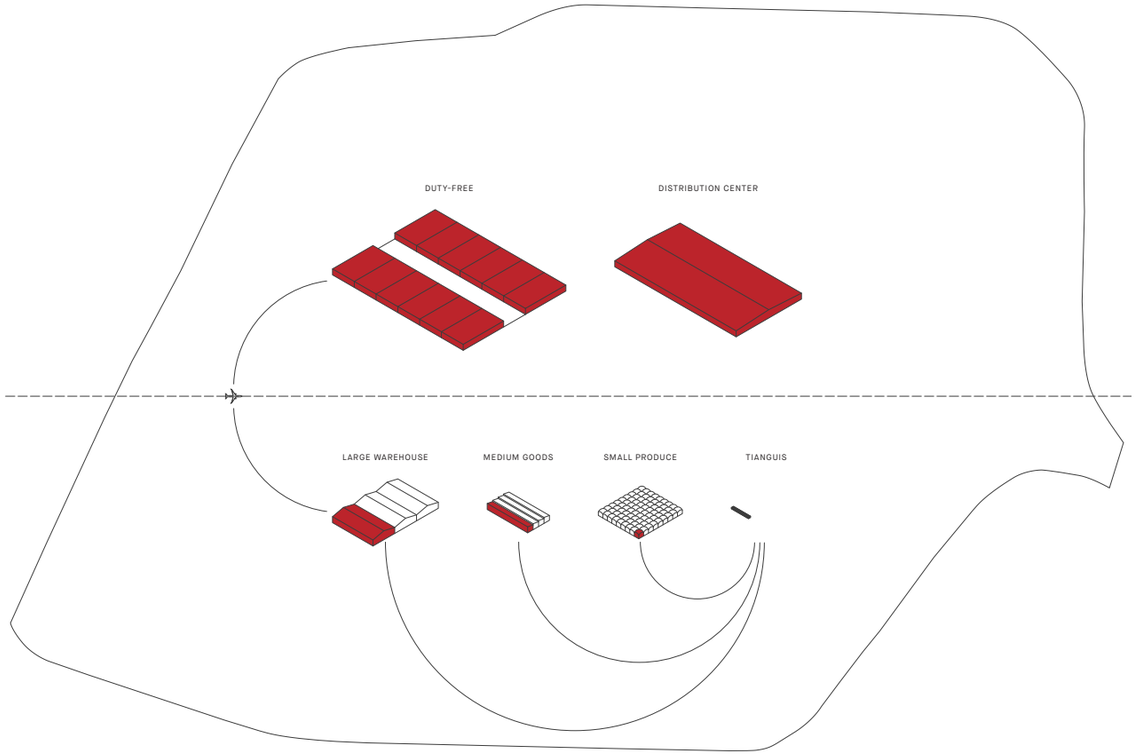
Remarks Mexico City's new airport project (Foster+Partners, FR-EE) was cancelled in 2018 after 30% of construction had been completed. The studio looked at the geologic, social, and political transformations of Mexico City over the past century to understand the history of the new aiport site. Proposals considered the ruins of the aborted NAICM construction site on the remains on Lake Texcoco.

This particular proposal looks to the region's pre colonial forms of commerce– itinerant markets that appear and disappear over the course of seven days– as a catalyst for equitable development on federal land. Quite simply, the enormous stretch of completed runway construction could host an enormous market and directly connect to the global supply chain via a new airport network.

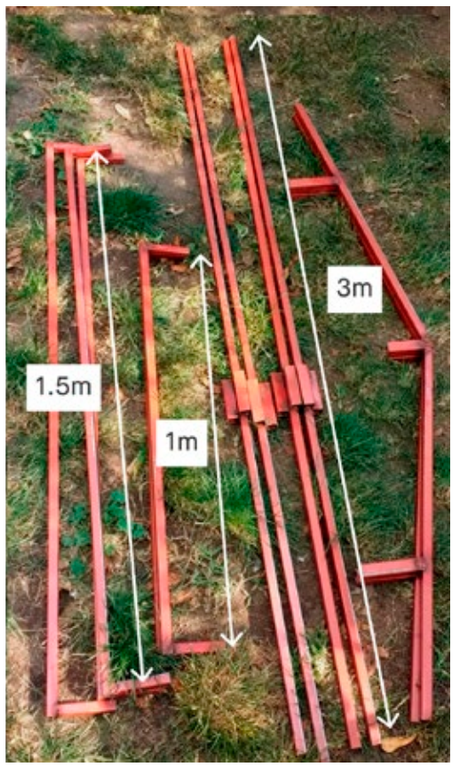
Bronze snail (1 of 7), Francis Alÿs, A Story of Deception.

Supply Chain

Tianguis form one end of the supply chain in Mexico City after the covered markets and industrial distribution centers. The city's largest industrial market, the Central de Abastos, provides food for both permanent grocers and tianguis selling produce.



Pre-columbian market in Tenochtitlan (Mexico City)

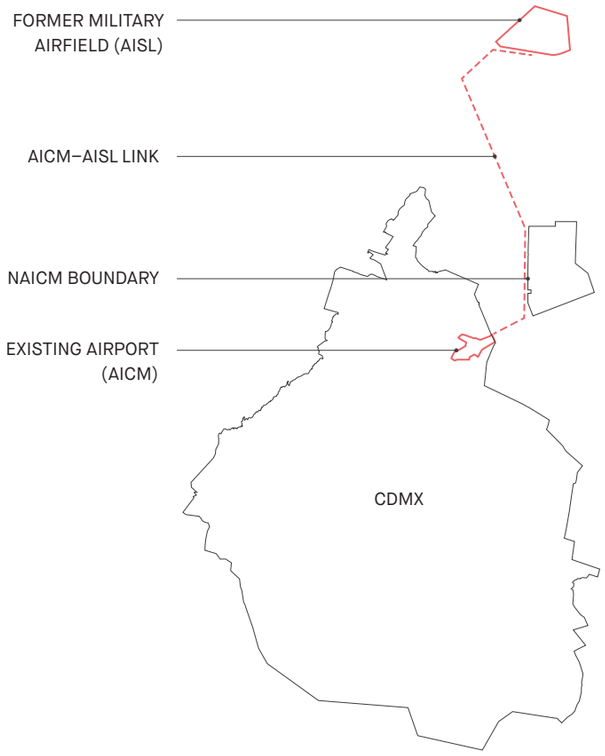


Tiangis market stall frame for sale

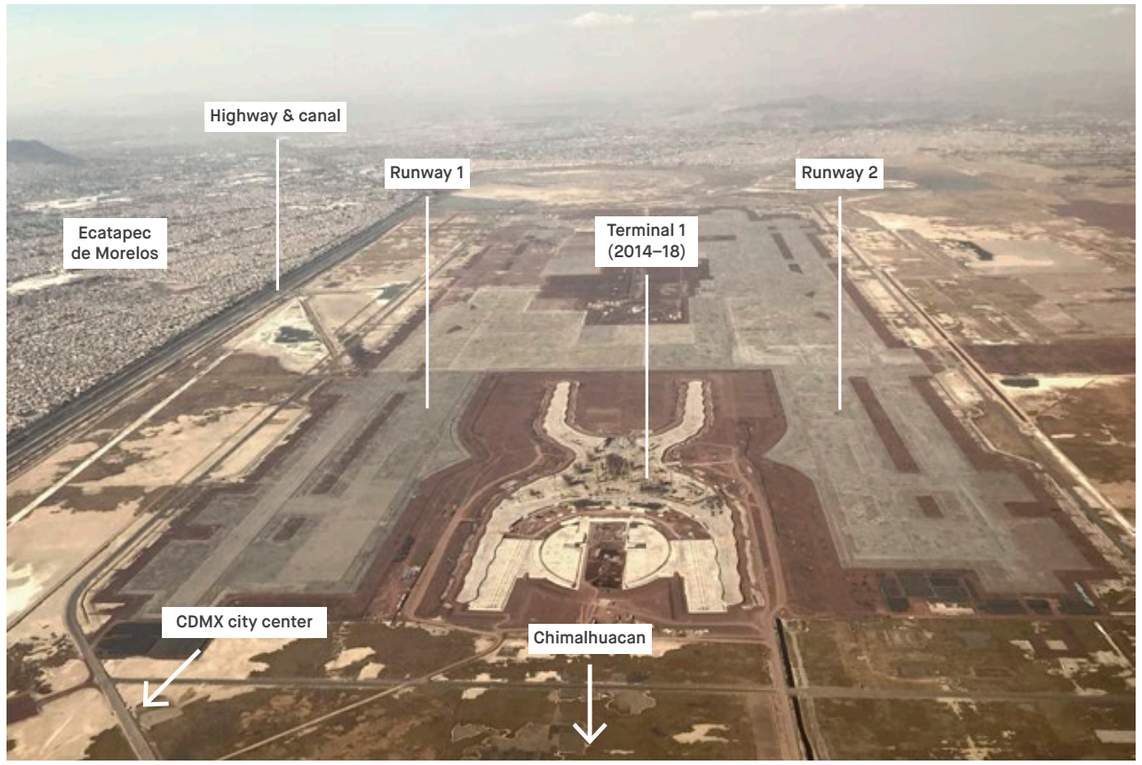
Tianguis are a pre-Colombian form of commerce of itinerant markets in Mexico City, appearing as a kind of cryptic symbol of the city from above. Anything and everything is sold at these markets.

AICM–AISL Link

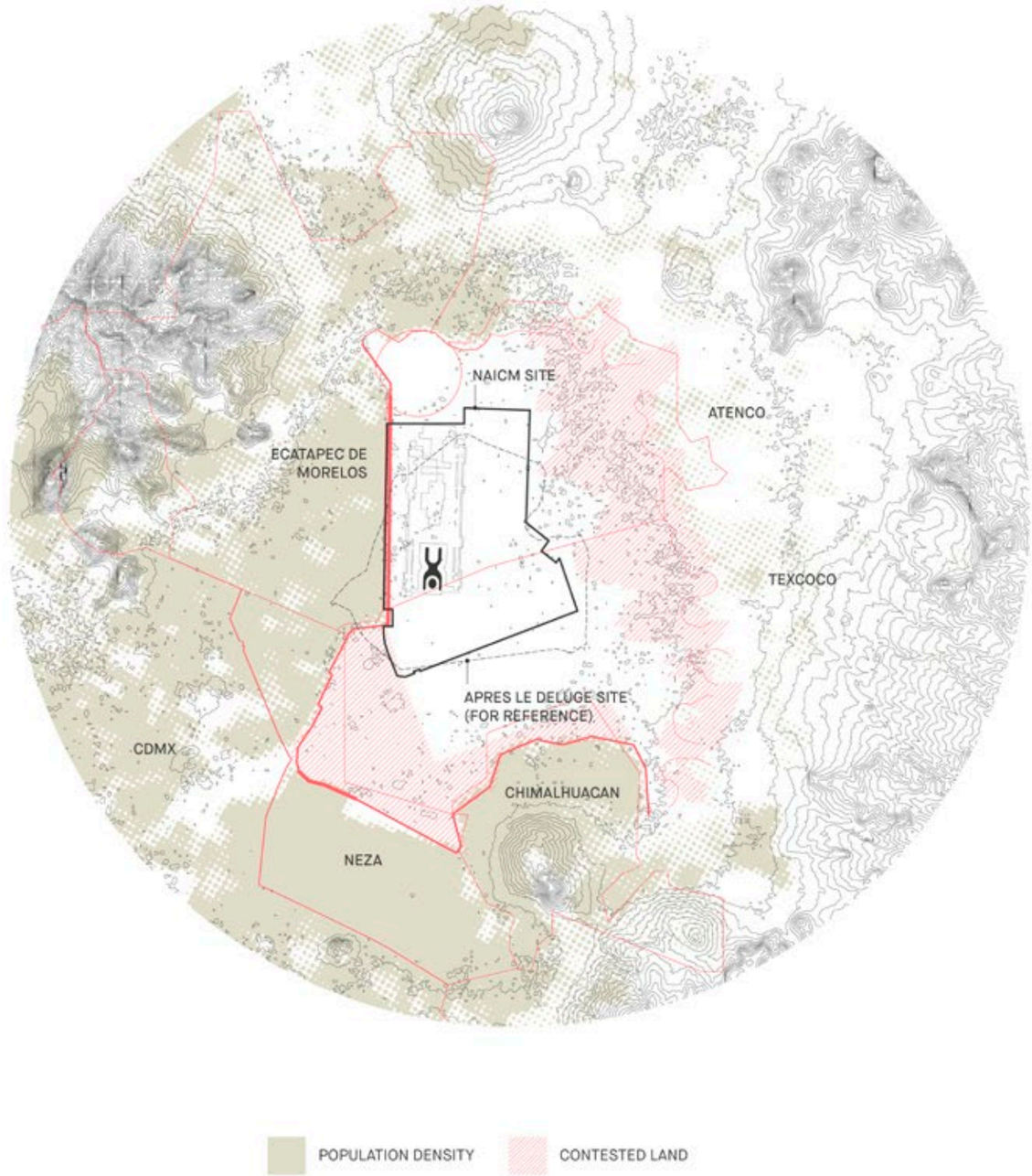
One alternative to the NAICM project proposes rehabilitating the Santa Lucia military airfield 50 km north of the existing airport. The project would add an additional terminal and double runway capacity connecting the two airports as one by a highway or rail line.



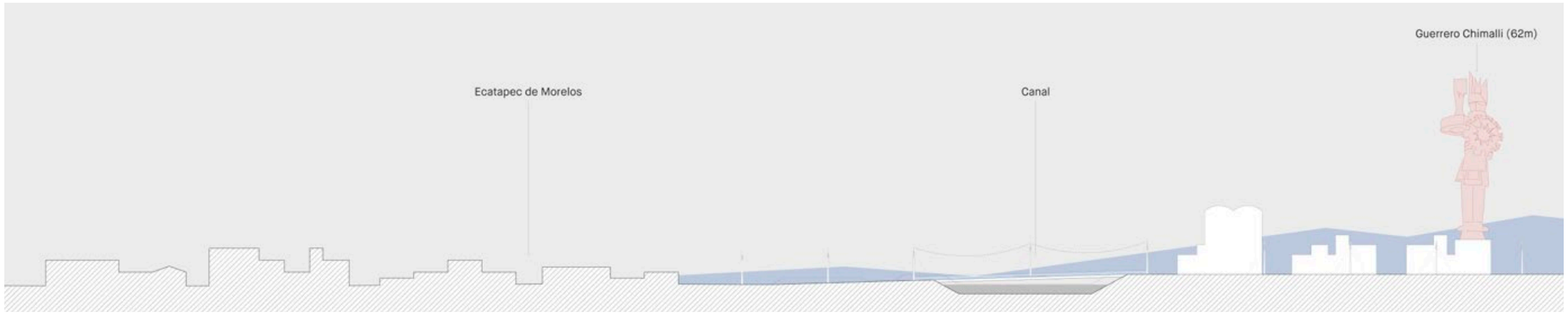
The City of Tenochtitlan is settled on an island on Lake Texcoco, c. 15th century.



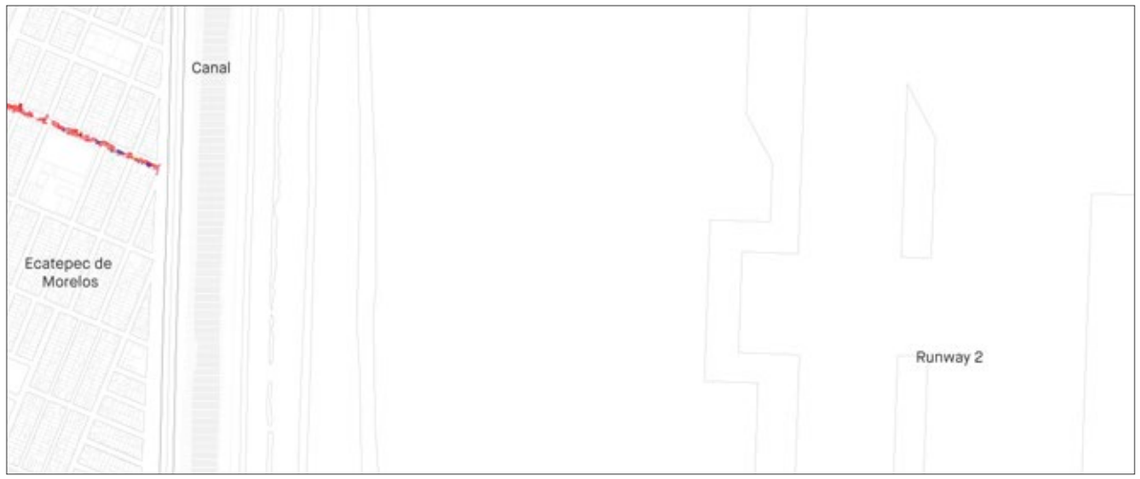
Airport on a Lake, 2019. Photo by Heather Rowell.

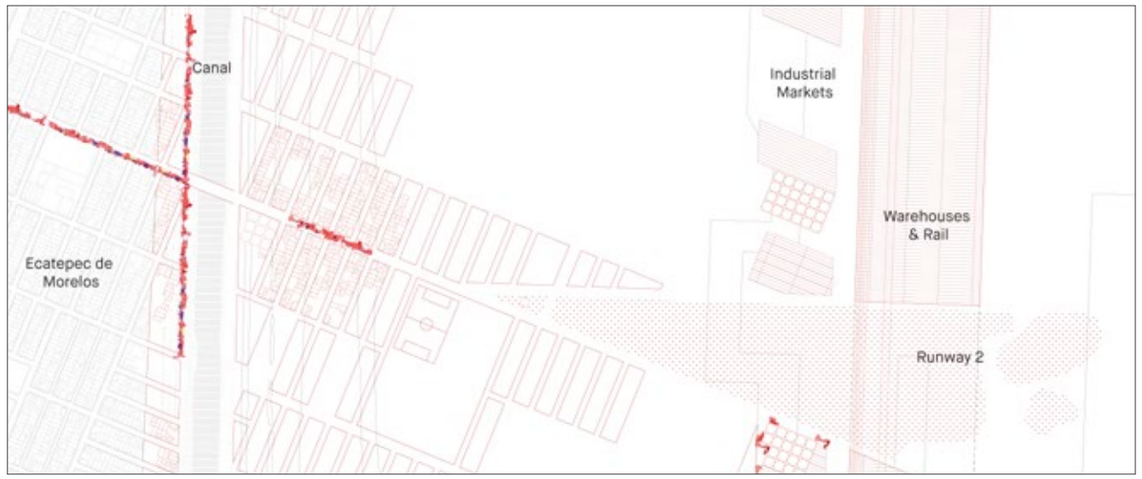


Cheap land and a growing urban boundary lead to unregulated informal developments around site; first NAICM project annouced. 2015.

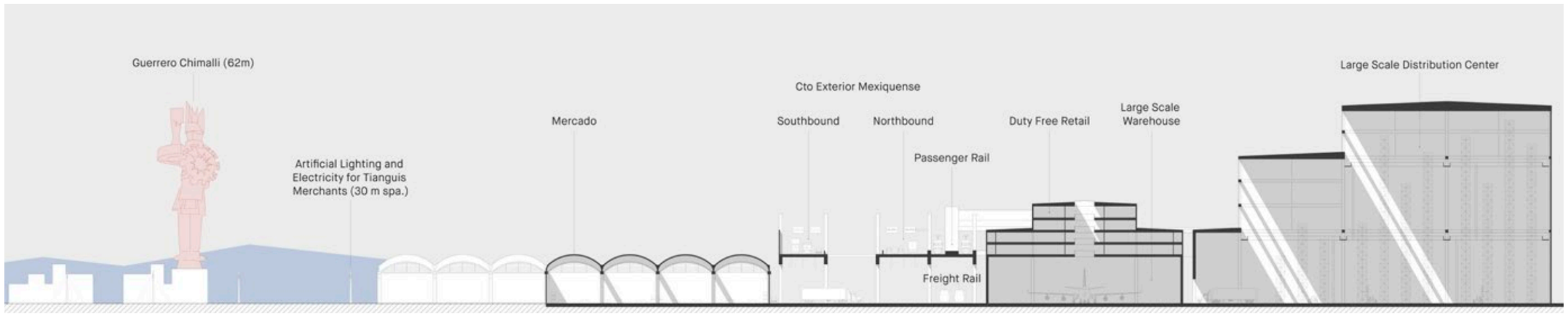


2019 Tianguis breach the existing highway/canal edge and develop on top of the completed runways.



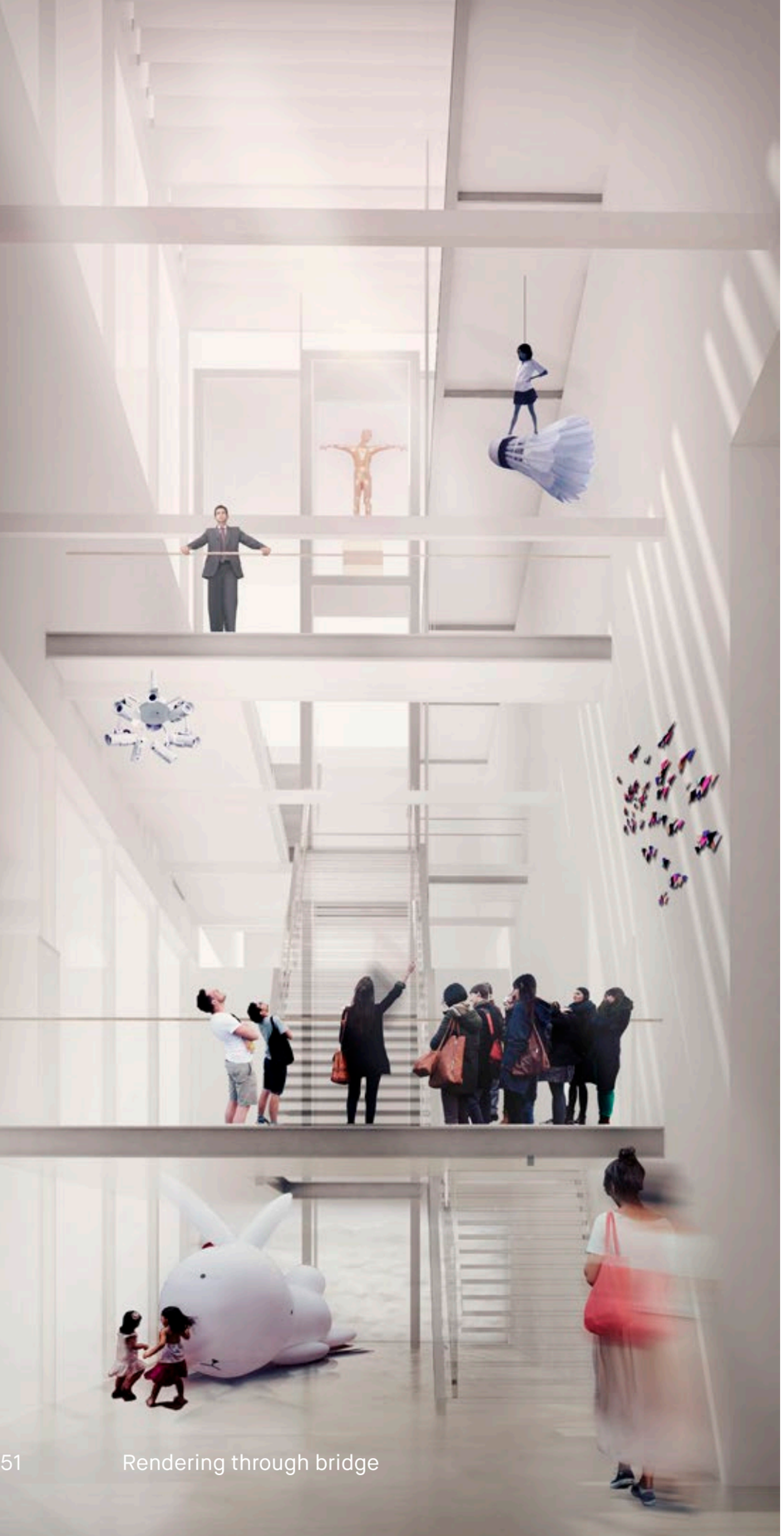


2019-29 Foreign trade zone (FTZ) is established between the existing airport and the renovated Santa Lucia airport, 50 km north. High speed rail connects the airport passengers and freight.



The transit infrastructure and long-term storage facilities mark the Eastern-most edge of development. Land beyond is protected for agriculture.

MOVIMIENTO ANTORCHISTA
LICOR & TOBACCO



Rendering through bridge

Wienbola

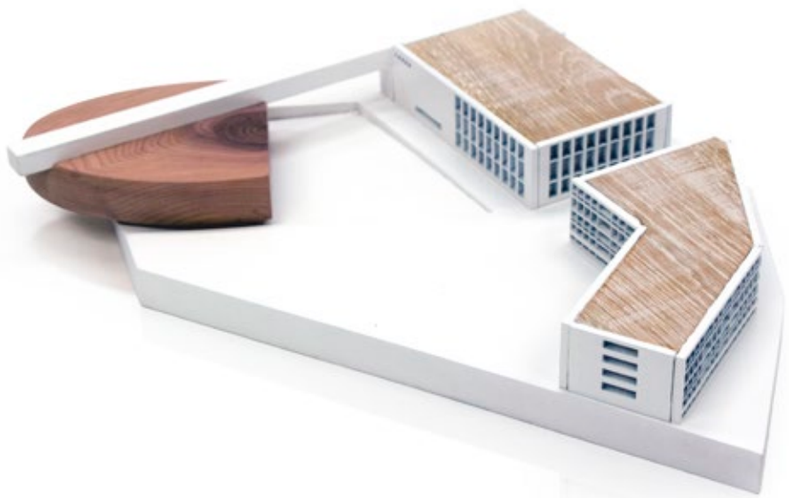
Year 2015

Status Competition with Kyle Winston and Ryan Ball

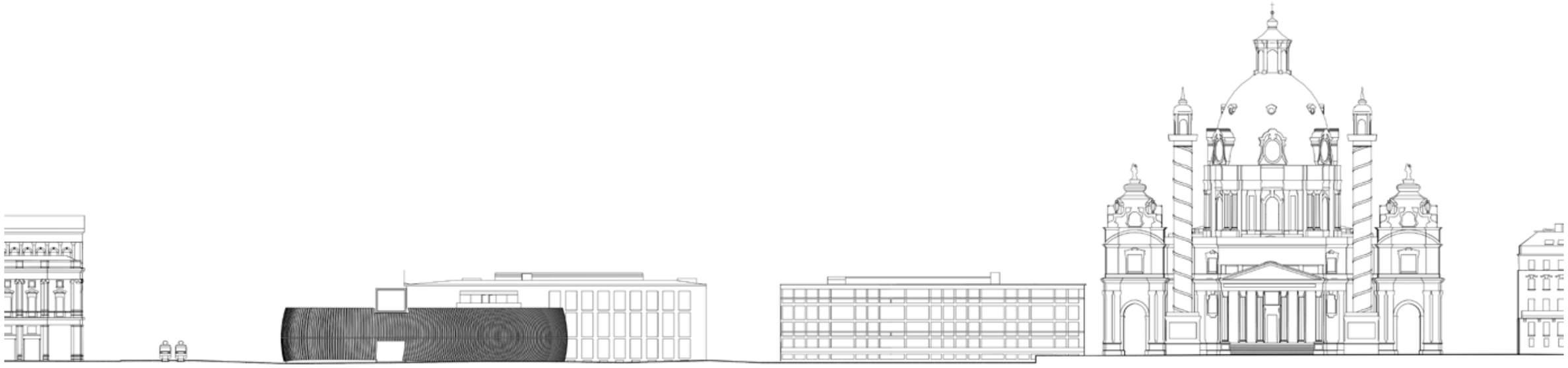
Location Vienna

Remarks An international competition for the expansion of the Wien Museum in Vienna resulted in a proposal that considered the expanding museum's requirements as it related to modern Vienna and the vast square the museum currently shares with the prominent Karlskirche.

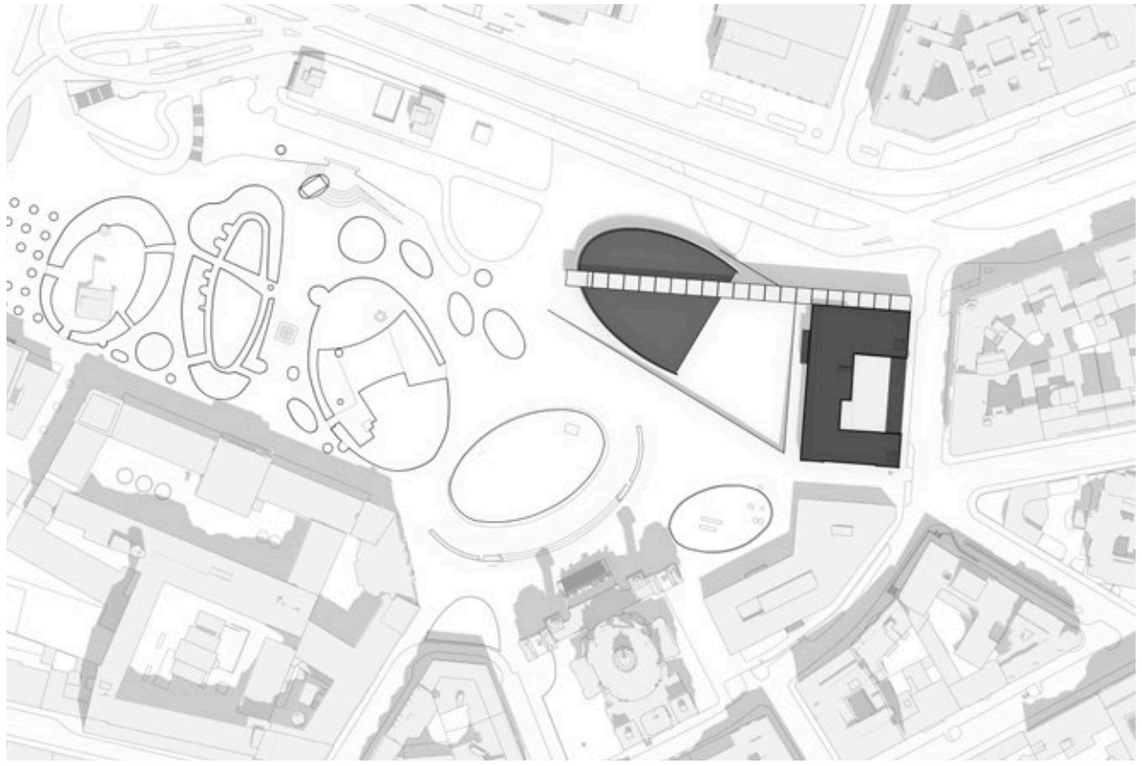
Involvement included parsing a design brief, concept design, digital production, model fabrication, and mailed submission of deliverables. In a team of three, I was primarily responsible for 3D modeling, rendering (V-Ray), diagramming, and model building. I provided input on board layout and was wholly responsible for one of the final renderings, from initial modeling and rendering to final edits in Photoshop.



1:500 physical model

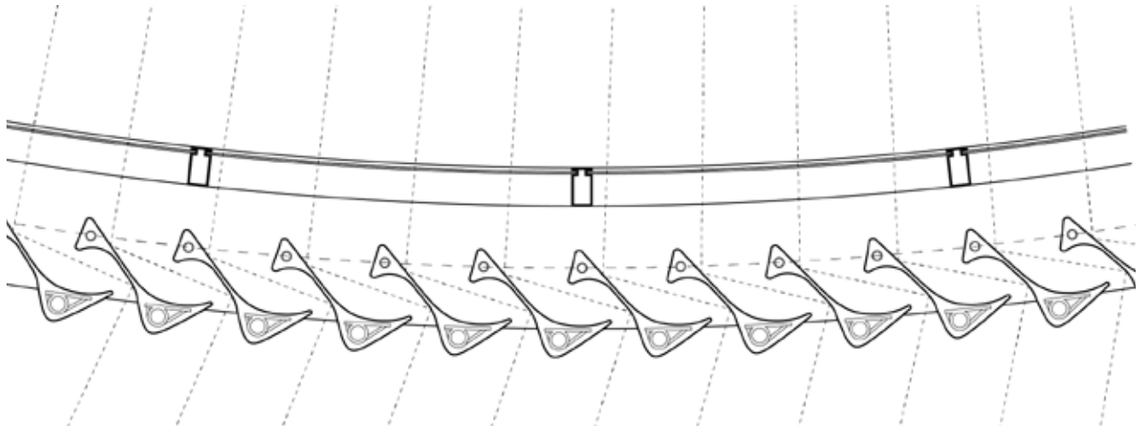


Karlsplatz elevation

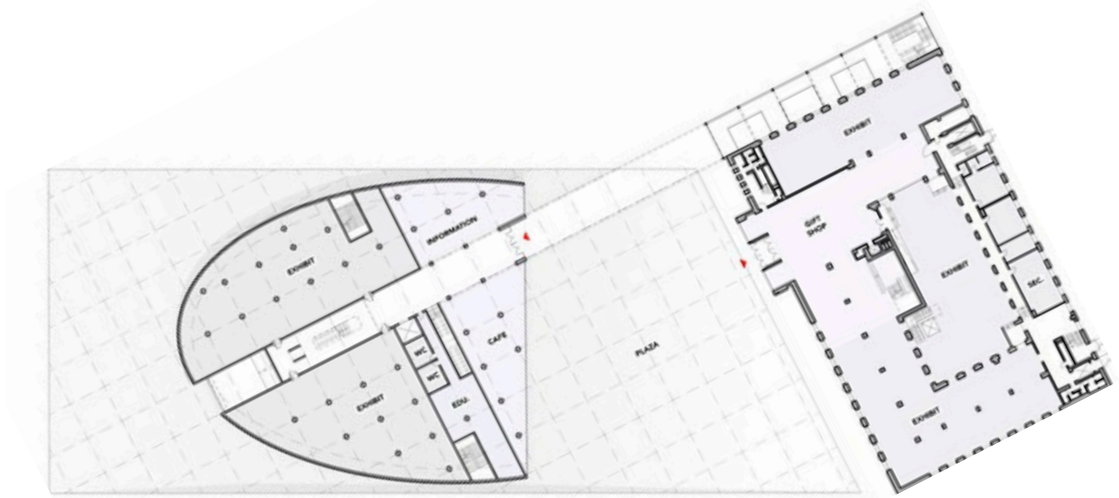


53 Site plan

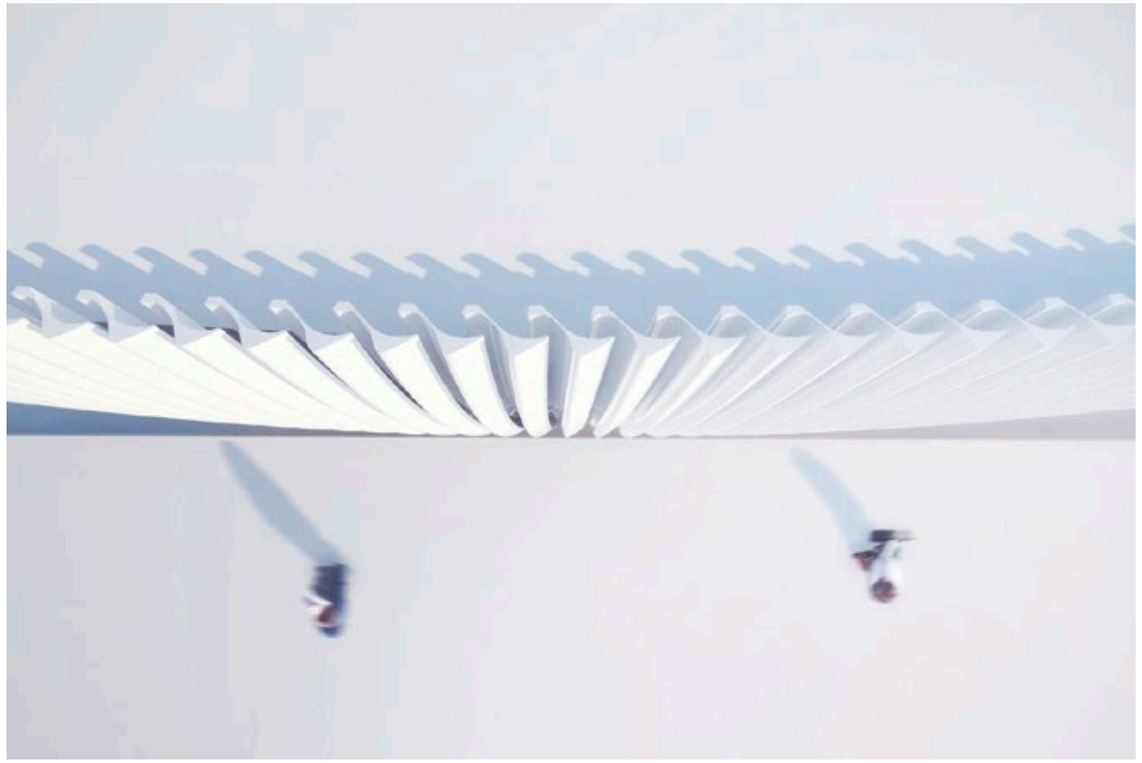
Street view toward Karlsplatz 54



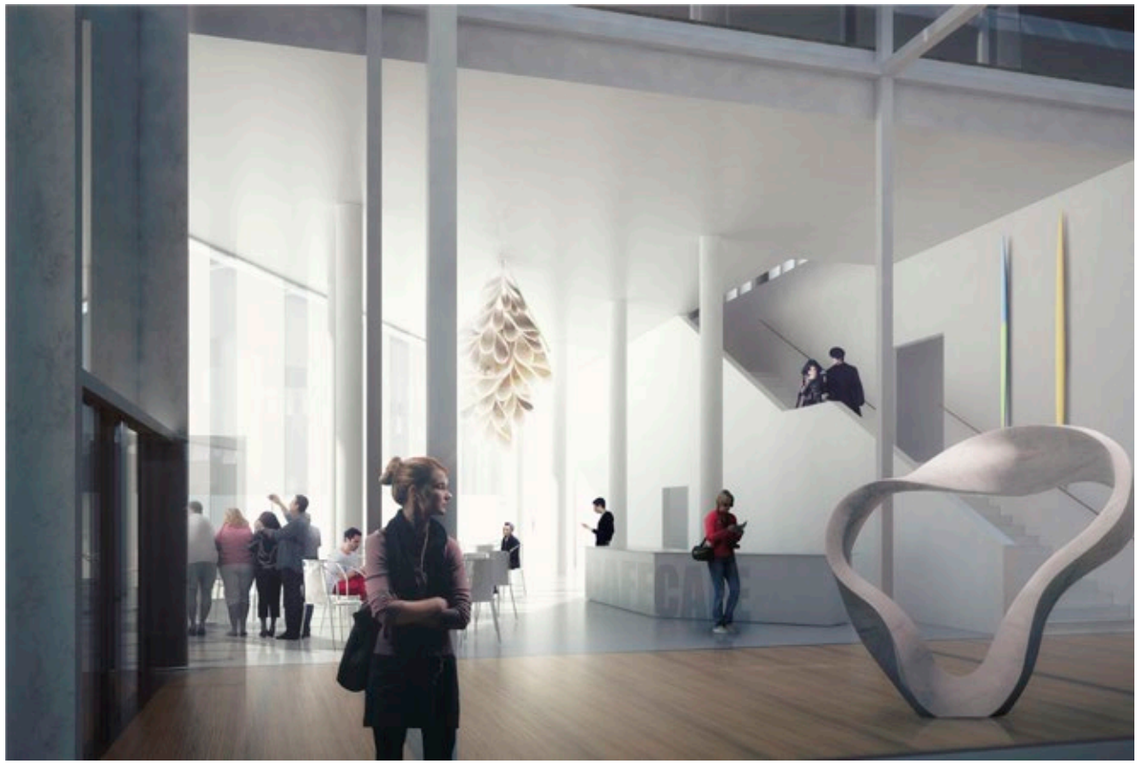
Facade plan detail



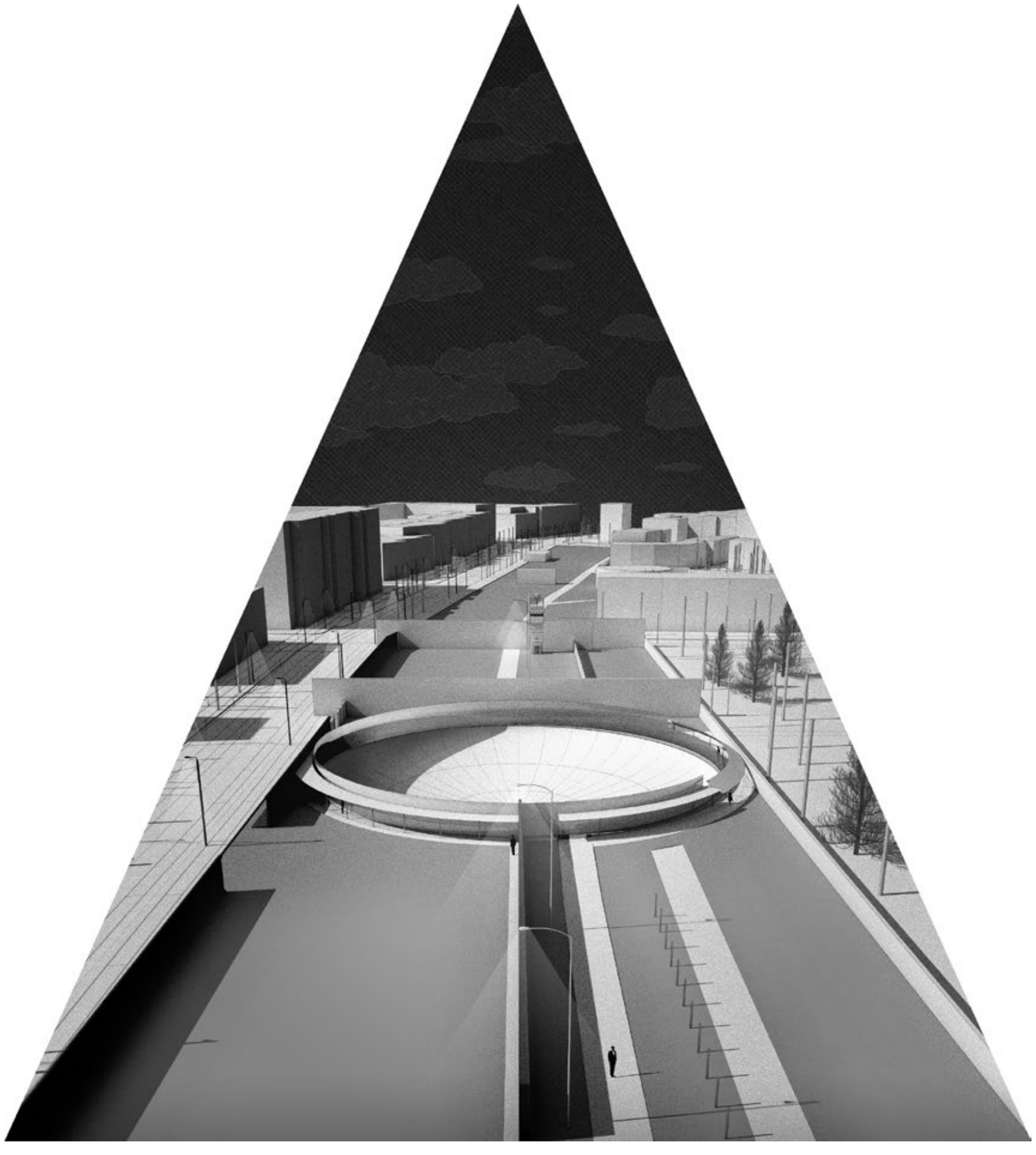
Ground plan



Plan-perspective of facade



Lobby of musuem addition



Death of the Panopticon

Year 2014

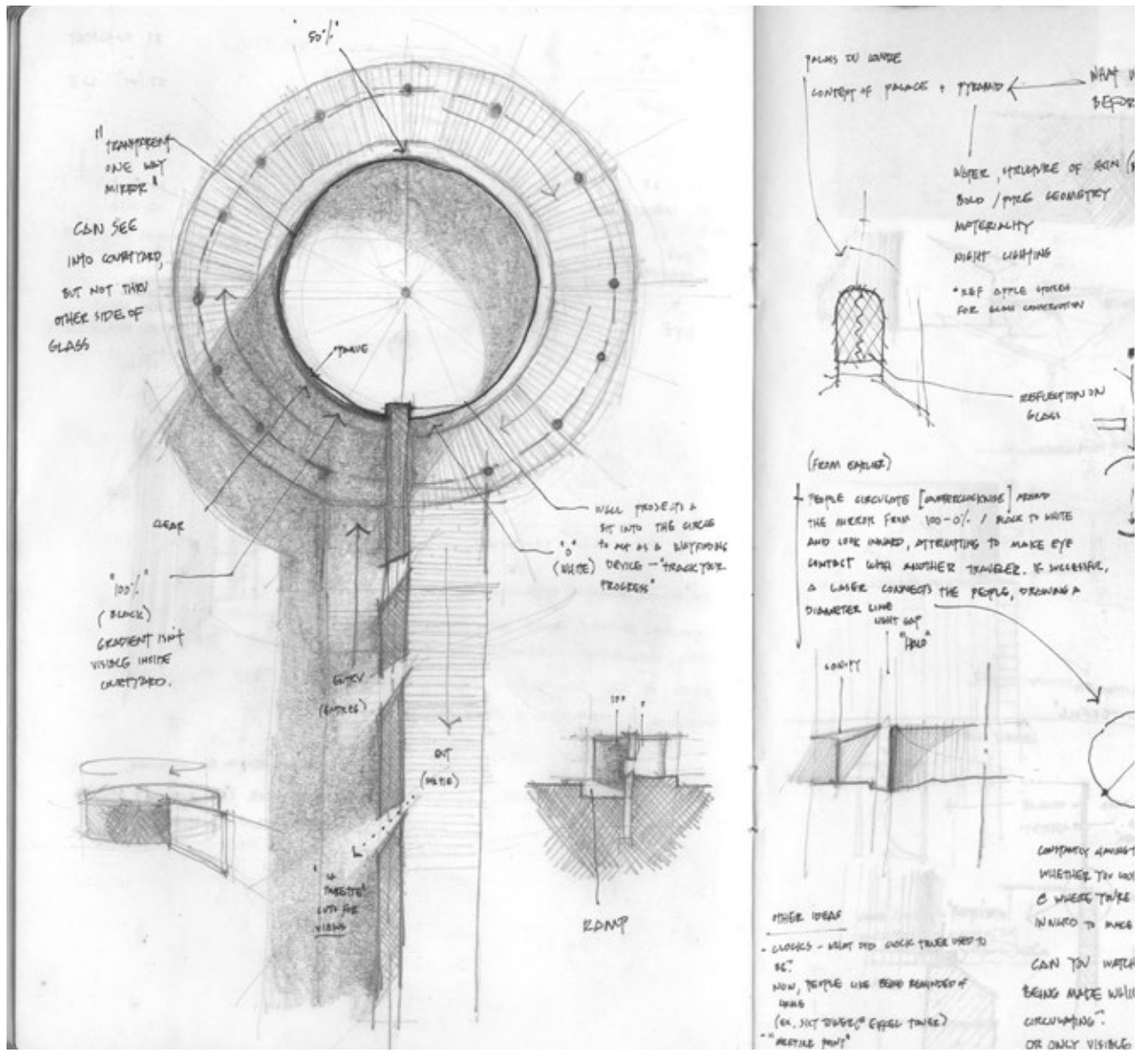
Status Undergraduate work

Location Berlin

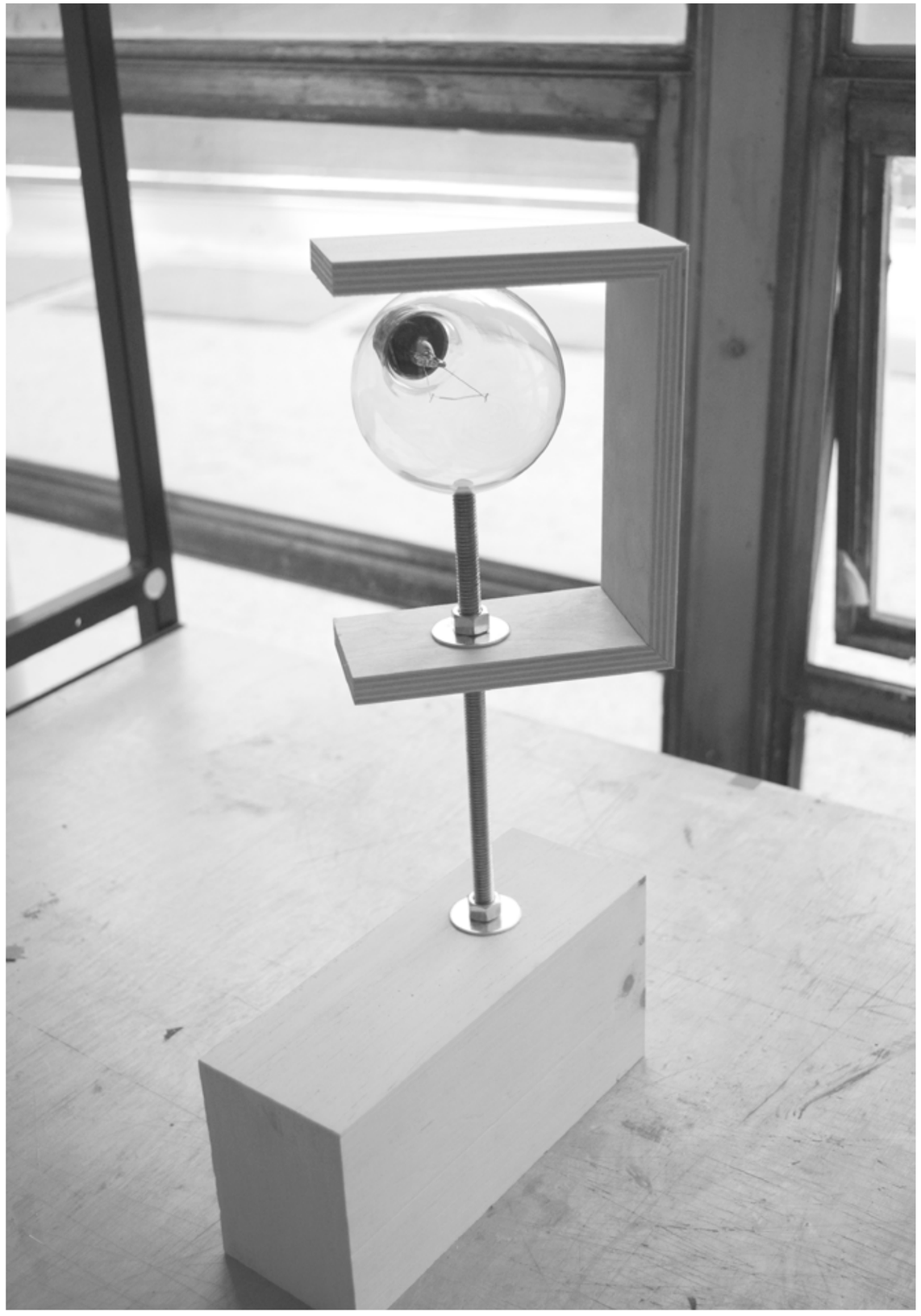
Remarks The current Berlin Wall Memorial site is littered with artifacts as a factual preservation of history but does little to evoke an emotional response. An insertion, a circle, bounded between two walls, attempts to capture the tension the wall created. Registering the presence of others without direct contact is achieved by using a one-way mirror.

Aerial view of proposal on Bernauerstrasse

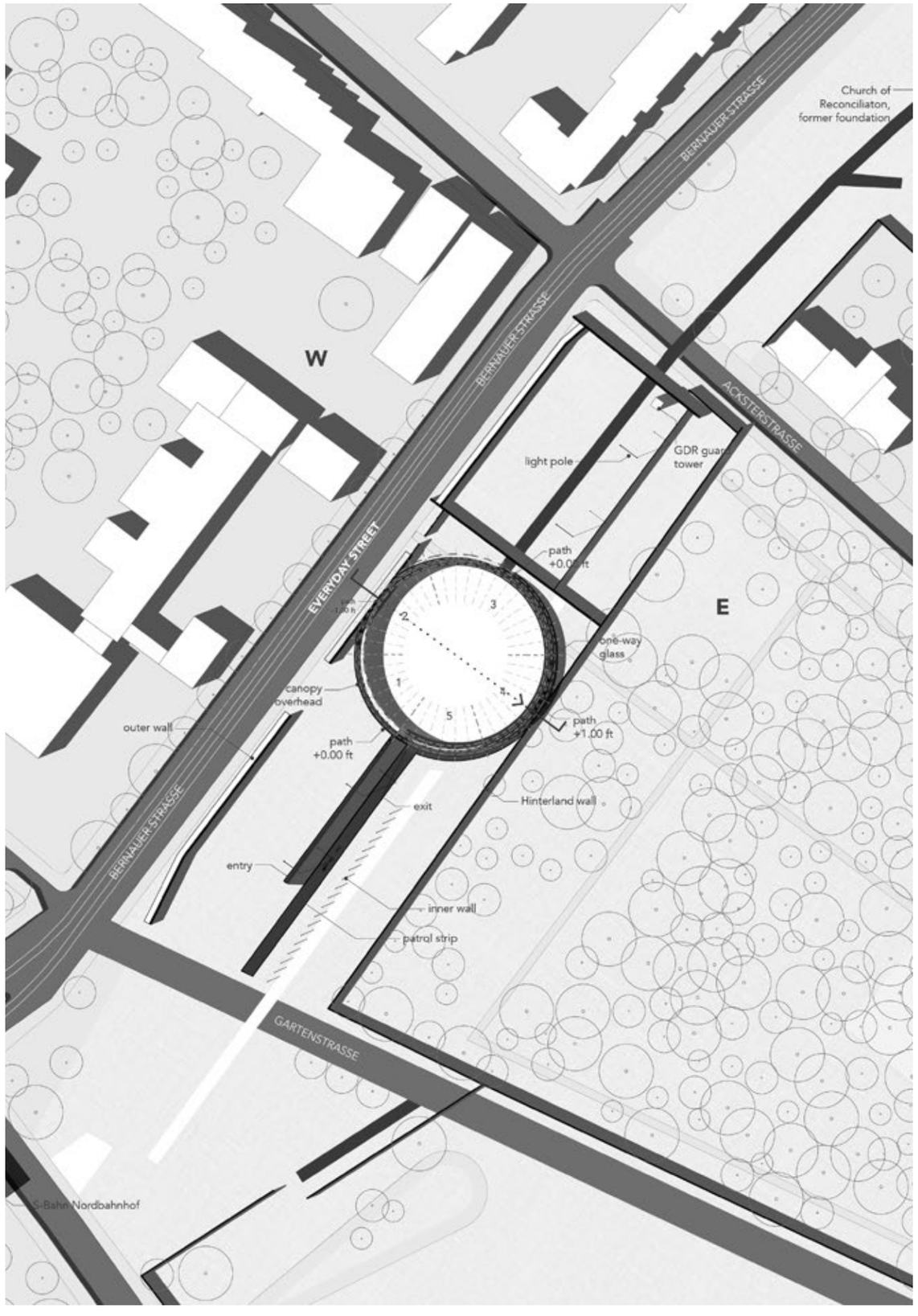
Showing babies over the wall, 1962.



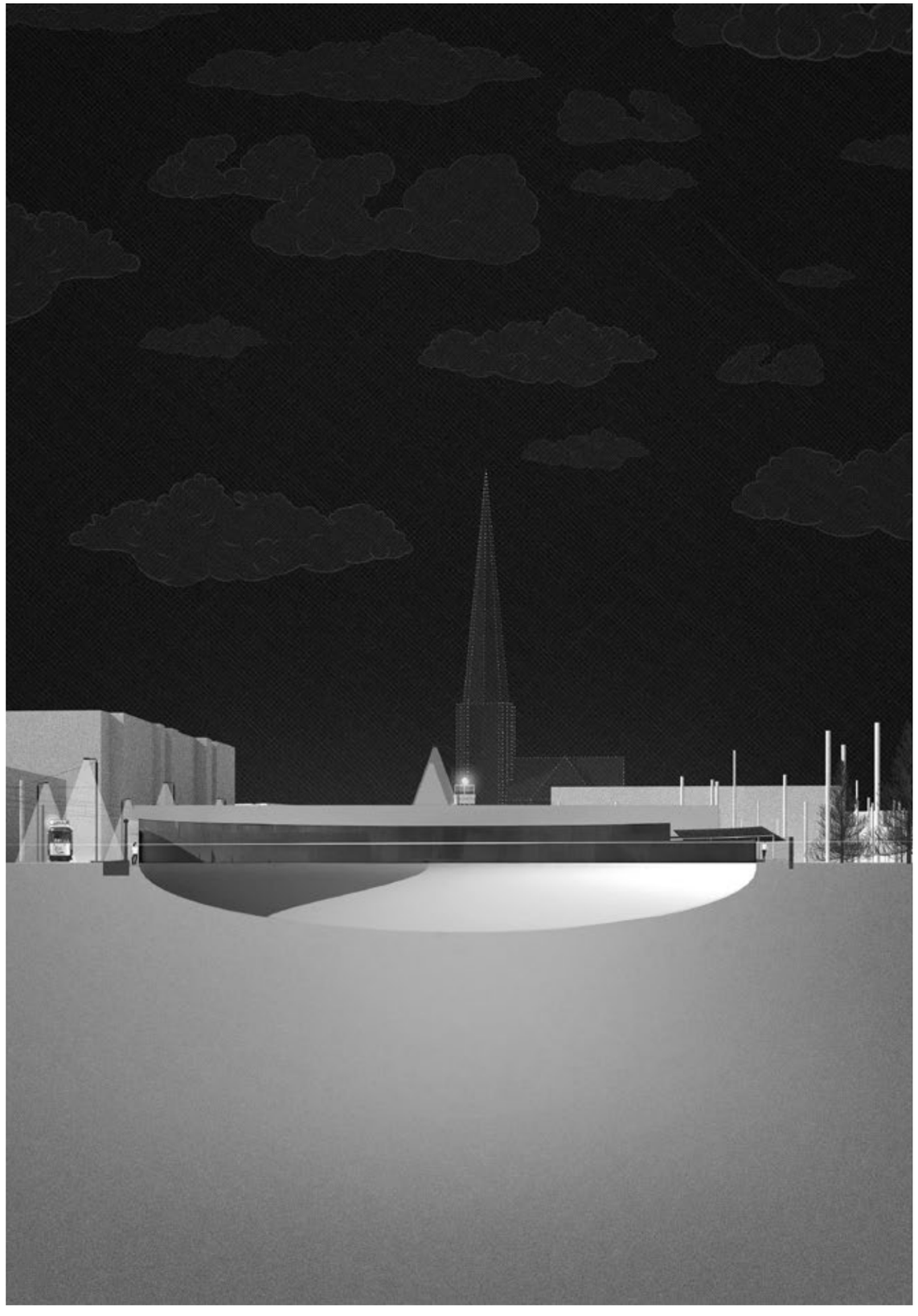
Plan sketch



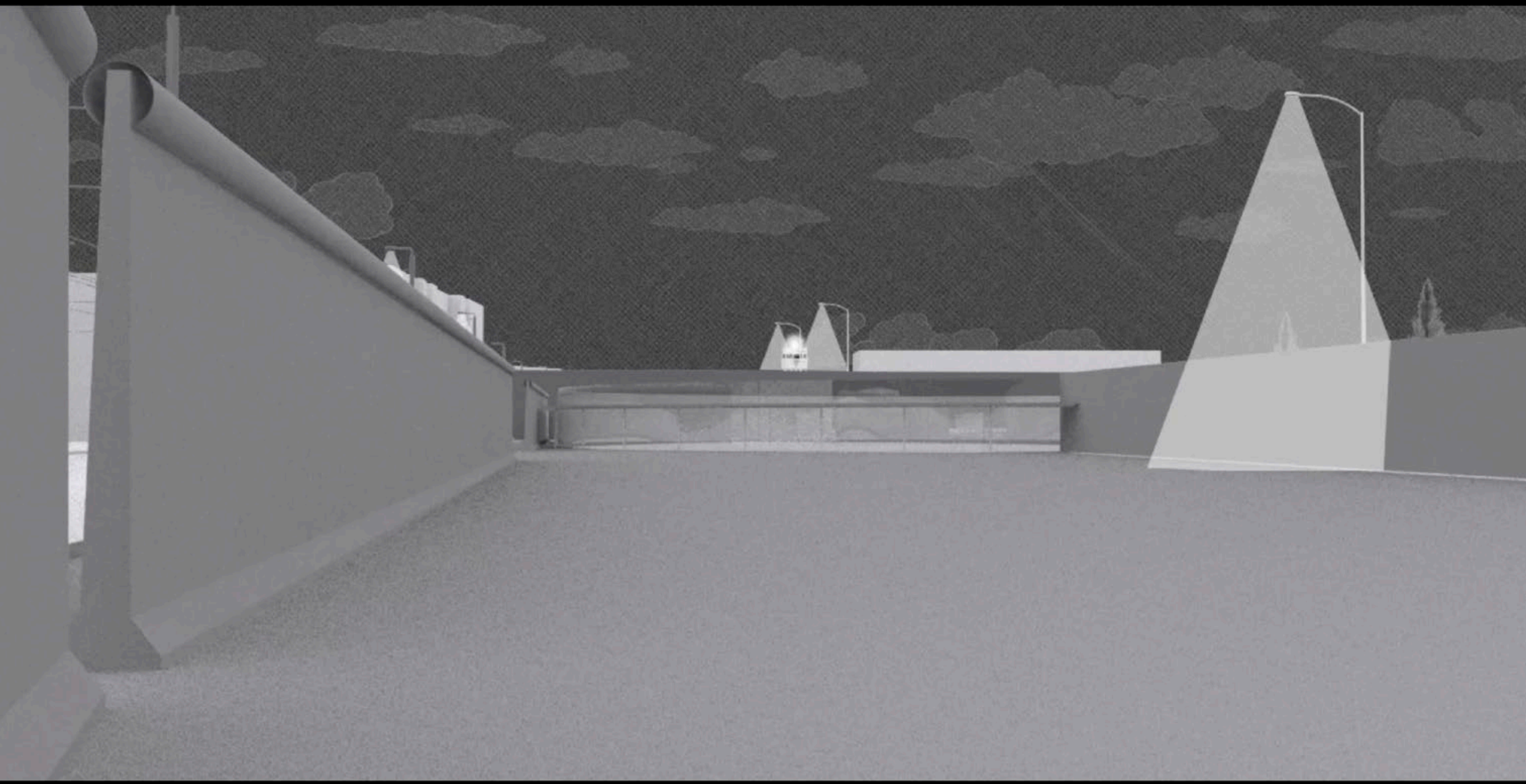
Tectonic model



Site plan



Cross section



Go to video: https://vimeo.com/113881769

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Circuit, Cincinnati, OH. 2015.