



The contemporary khan

a housing and employment hub in Istanbul

Jorien Cousijn
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Motivation & Position

Recap of research

The context: Istanbul

The user: a migrant

The architecture: a khan

Concept

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Personal fascination

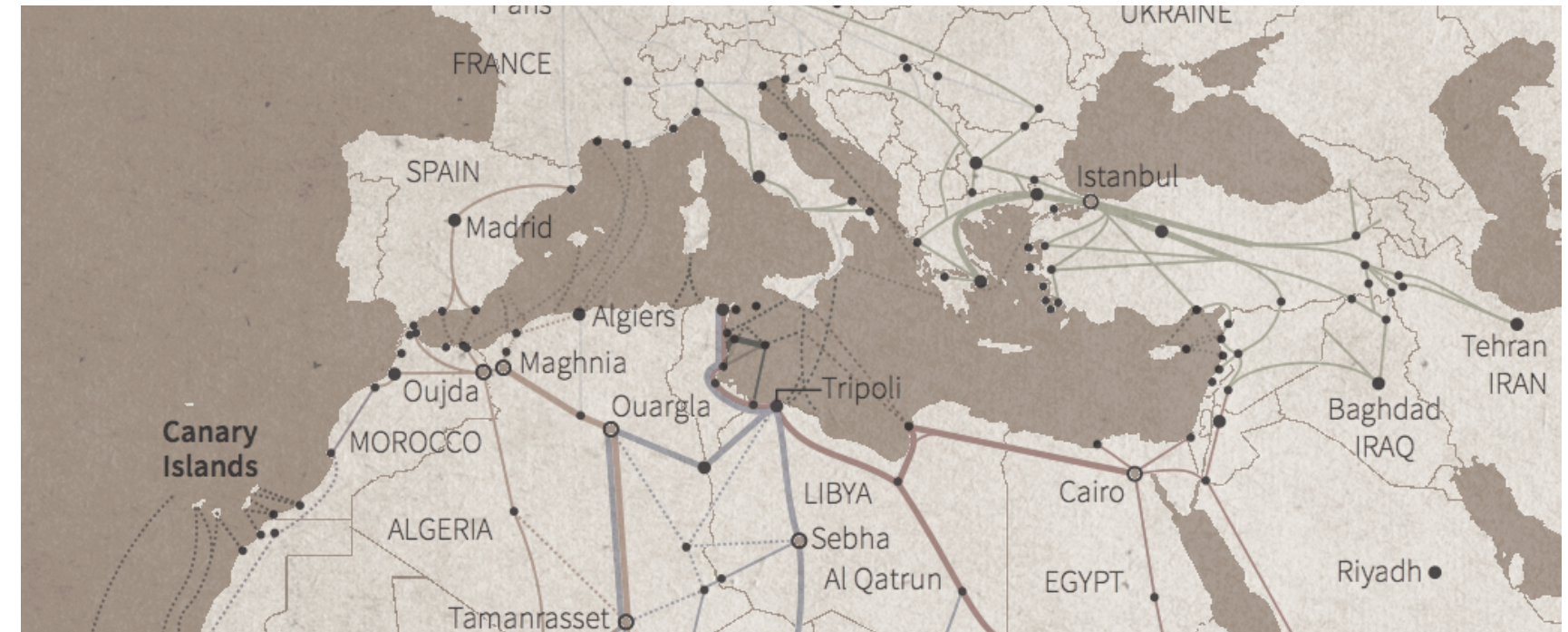


Migration as an opportunity

Migration: an analogy between history and present



Ancient trade routes (300 BC - 100 AD)



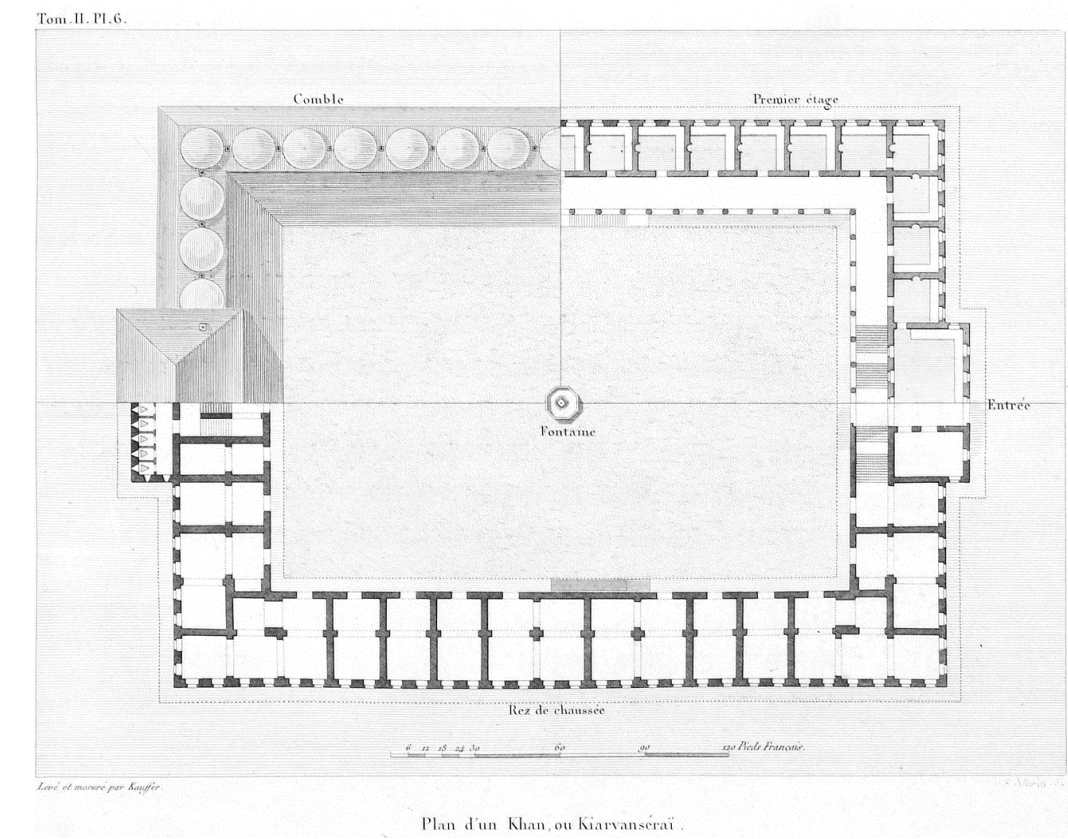
Recent migration routes (2015)



the context
Istanbul



the user
a migrant

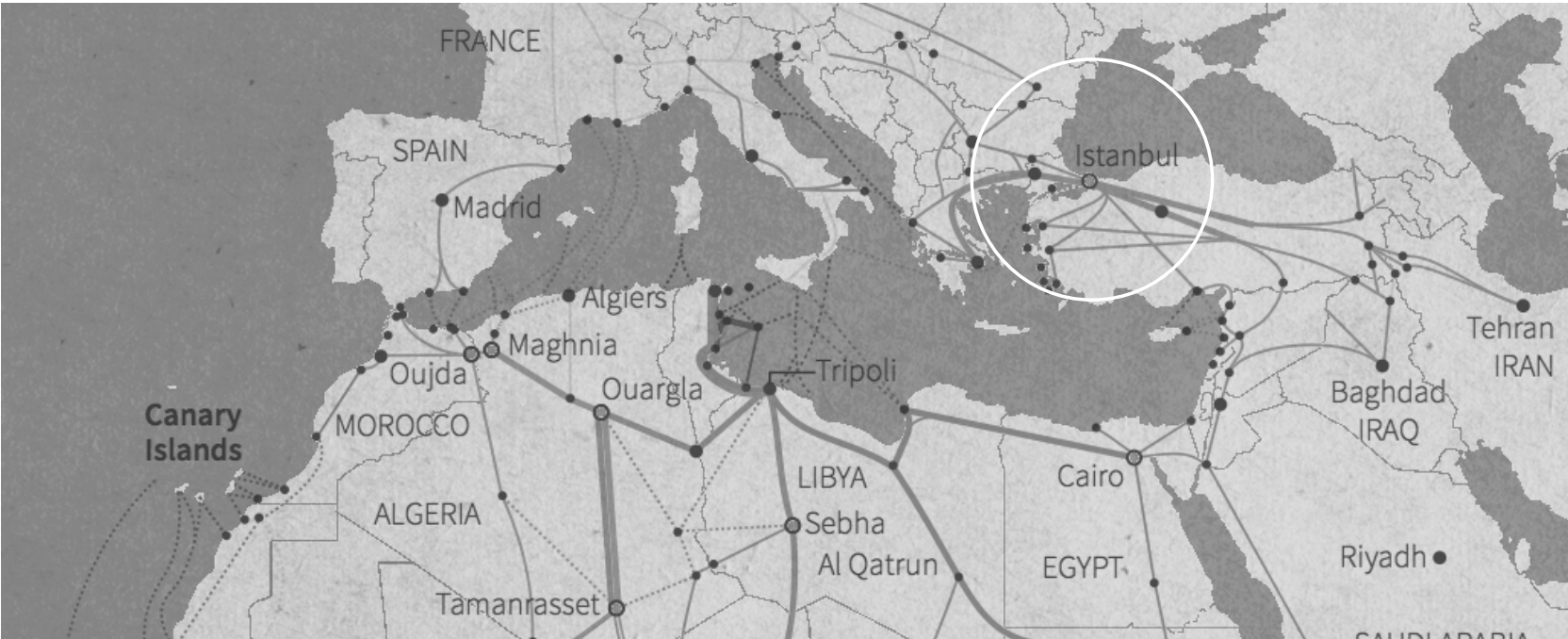
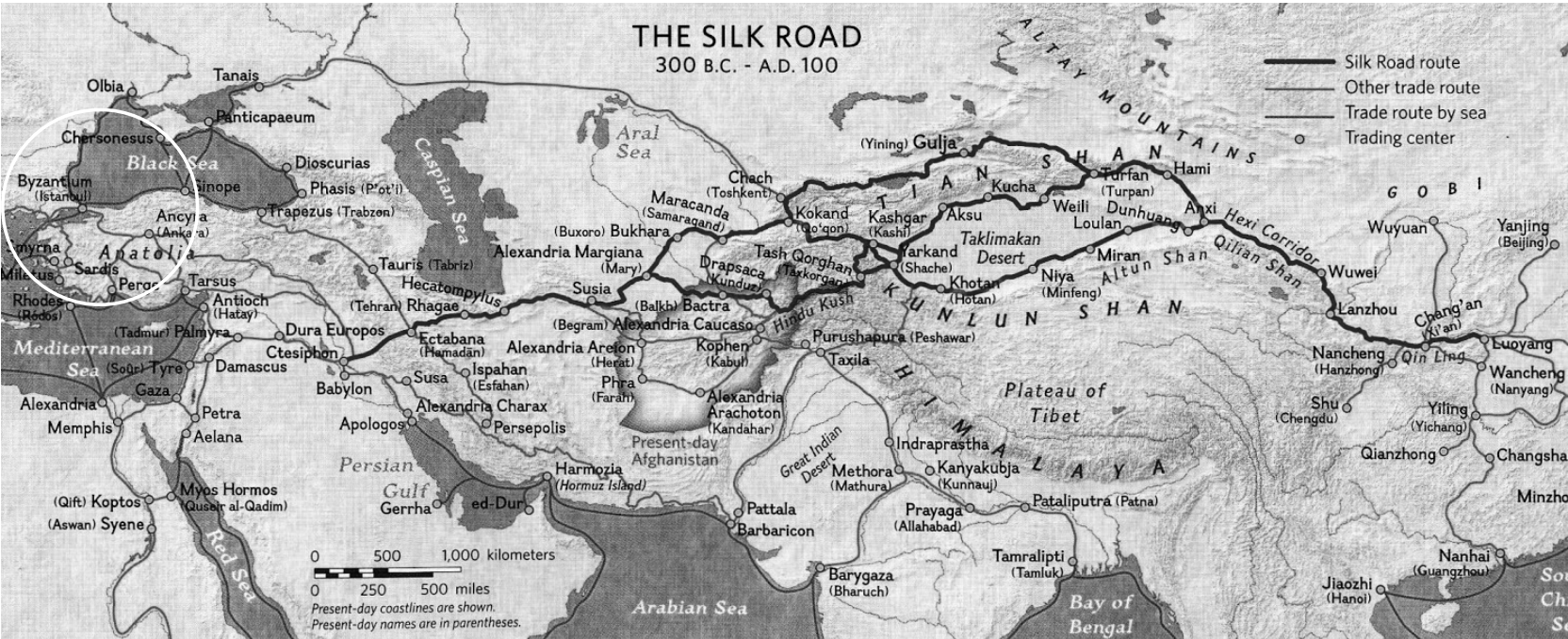


the architecture
a khan



the context
Istanbul

Istanbul as an international transit point



Adaptable and resilient to change



Vanishing history



1.

Embedded in the
community

2.

Resilient to change
over time

3.

Expressing the
historical layers



the user
a migrant

Who is the migrant?

A person who **moves** from one place to another, especially in order to find **work** or better **living conditions**.

(Oxford Dictionary)

Work as a tool to emancipate

Basic needs



Basic needs



1.

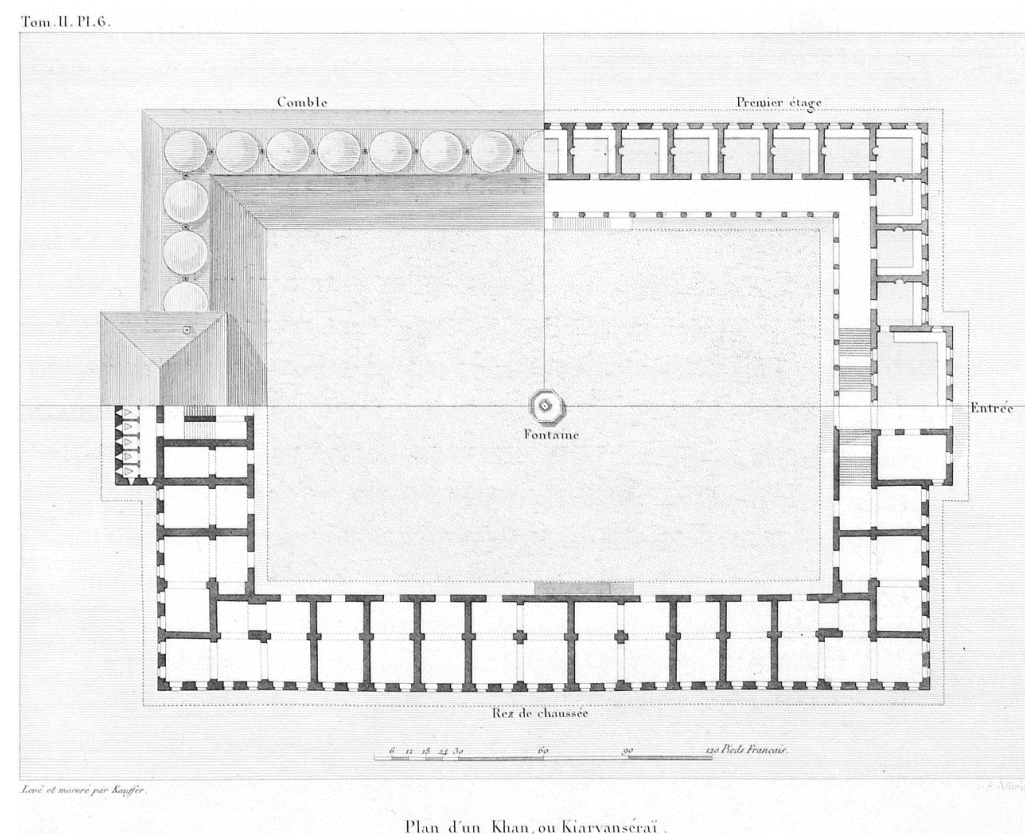
relate to what the
migrant can offer

2.

providing tools
to find work

3.

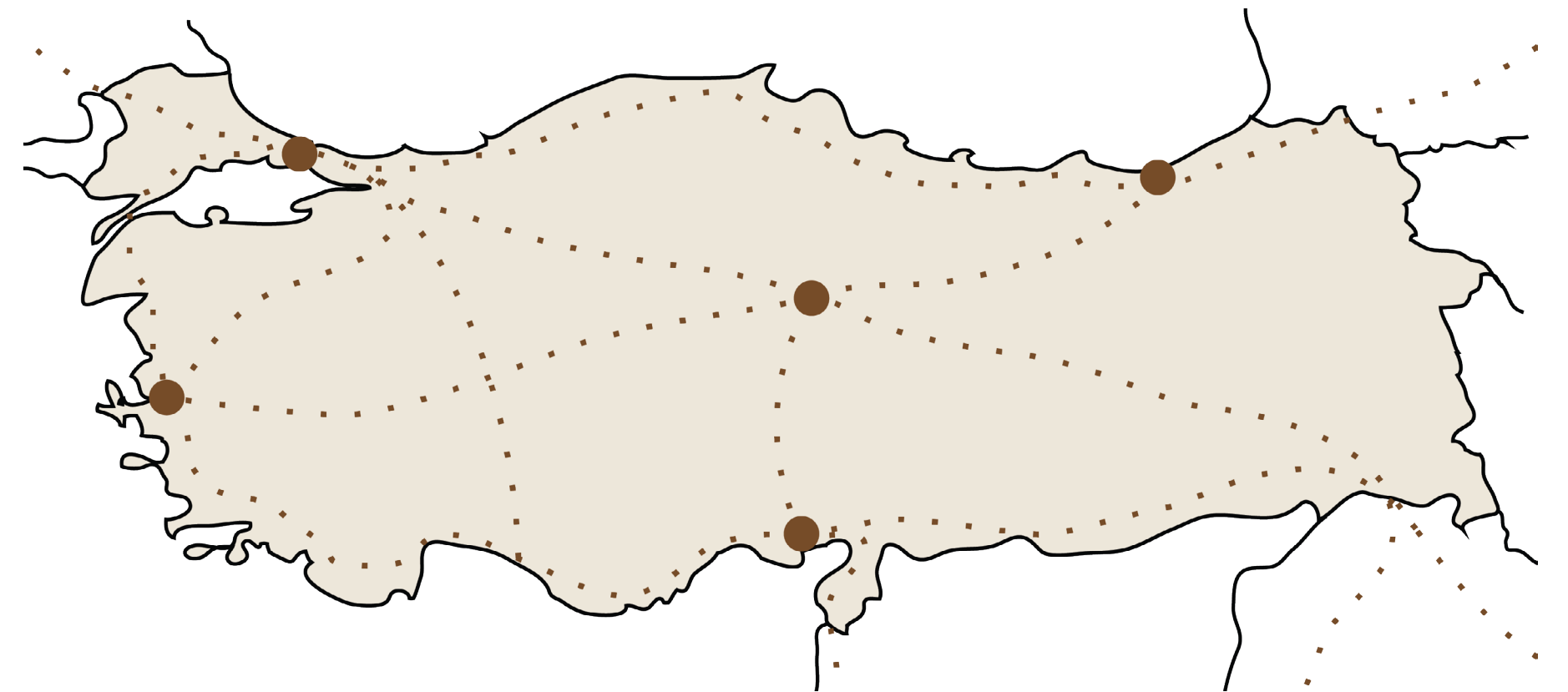
a safe place
to call home



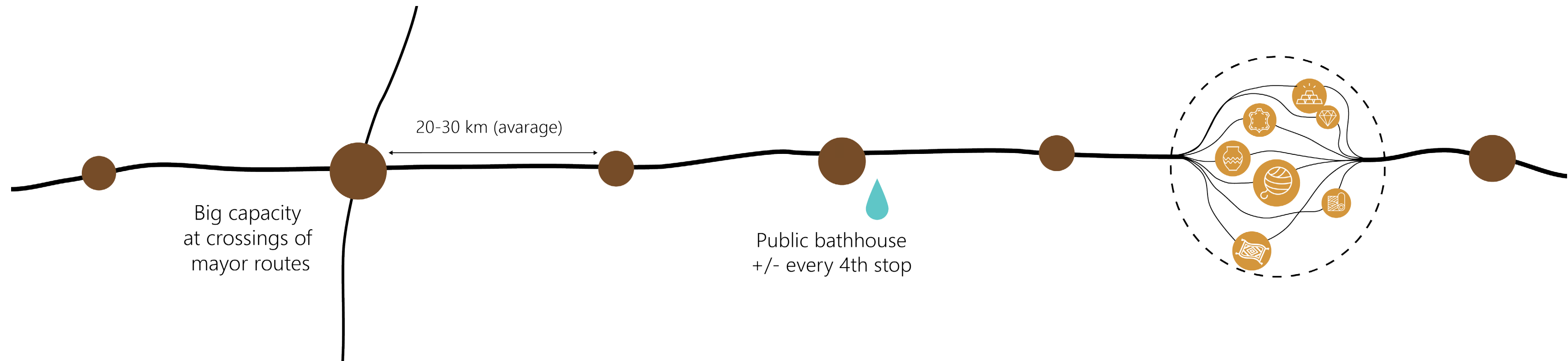
the architecture *a khan*



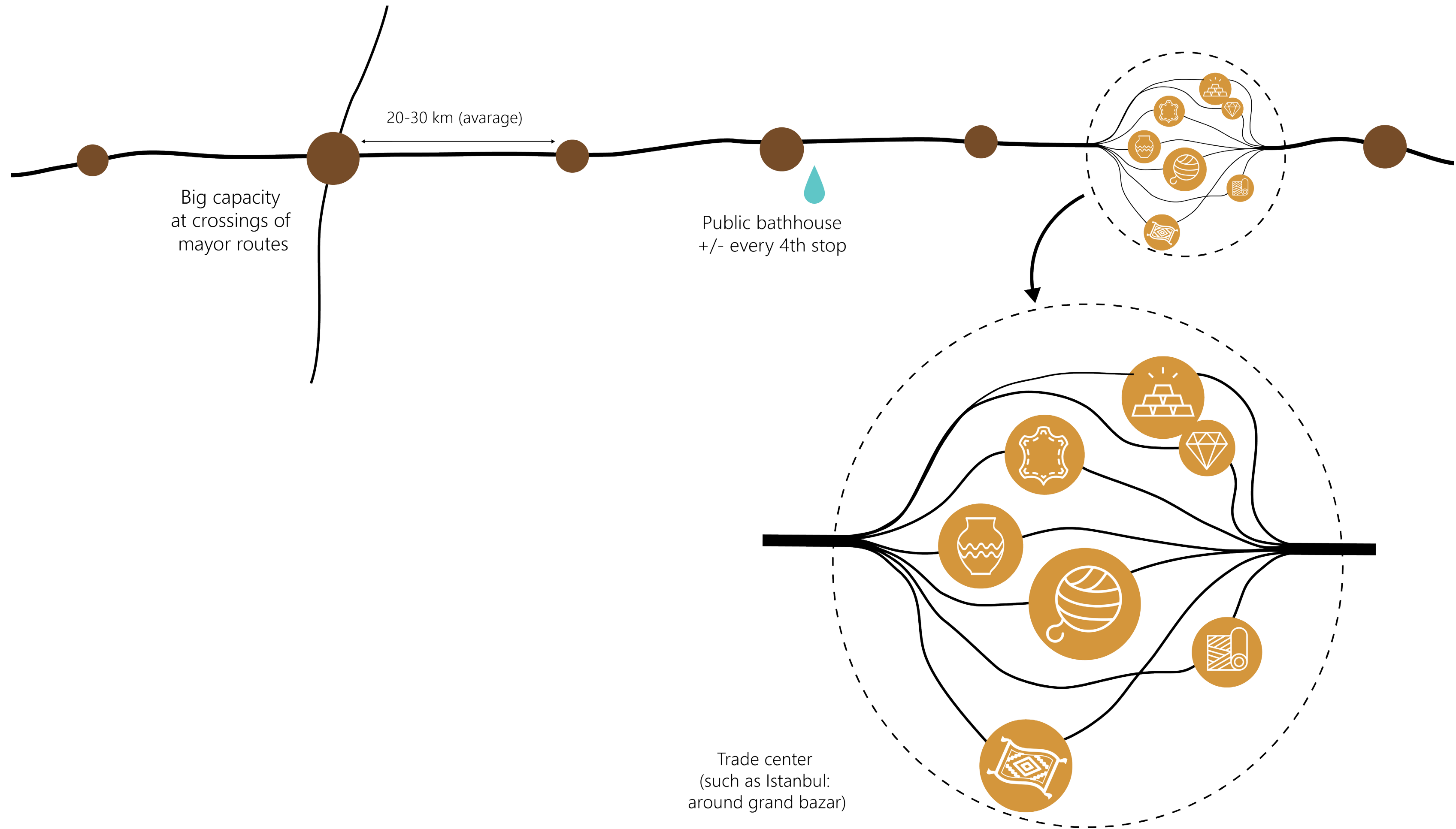
The caravanseraï



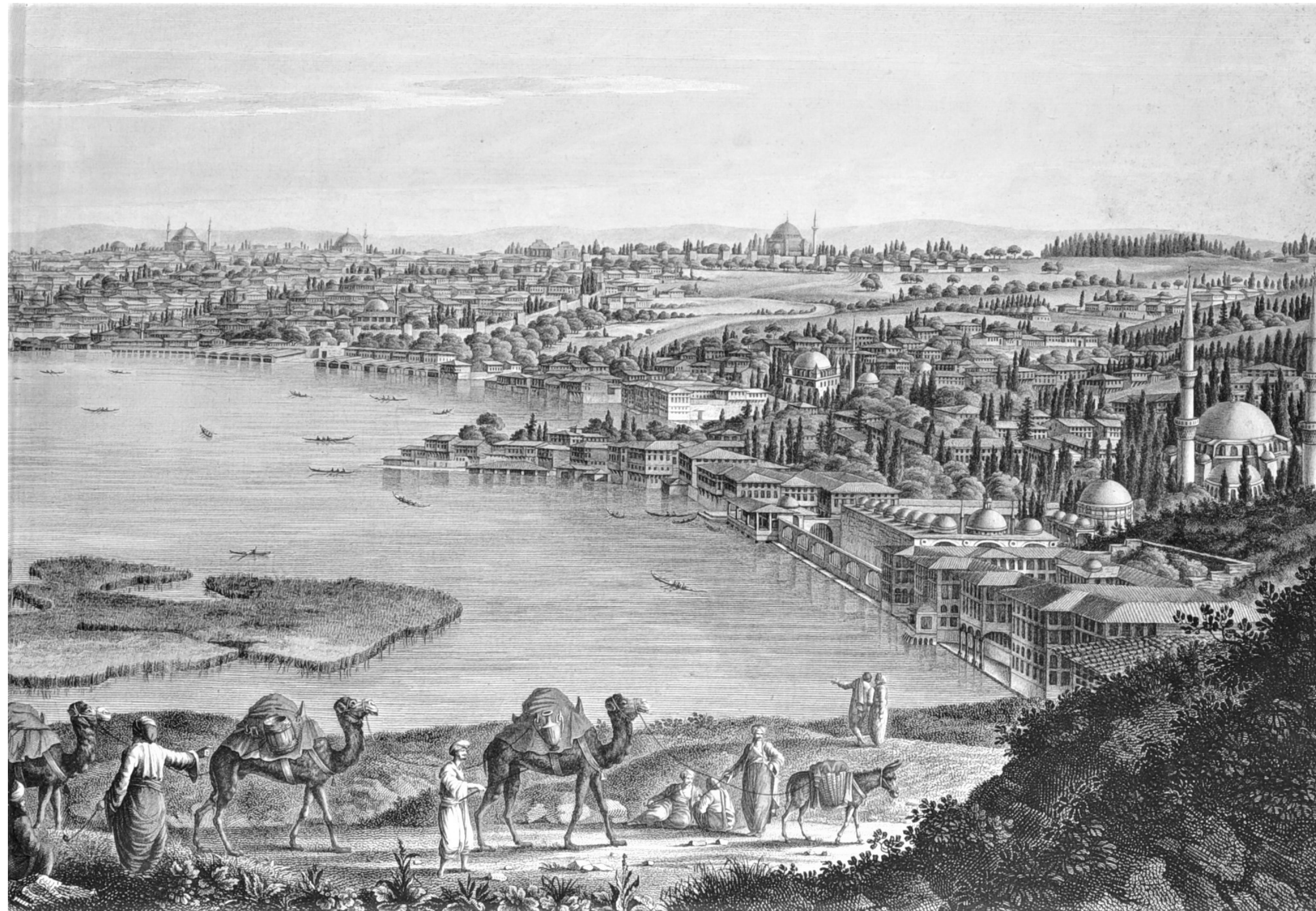
The caravanserai and the khan



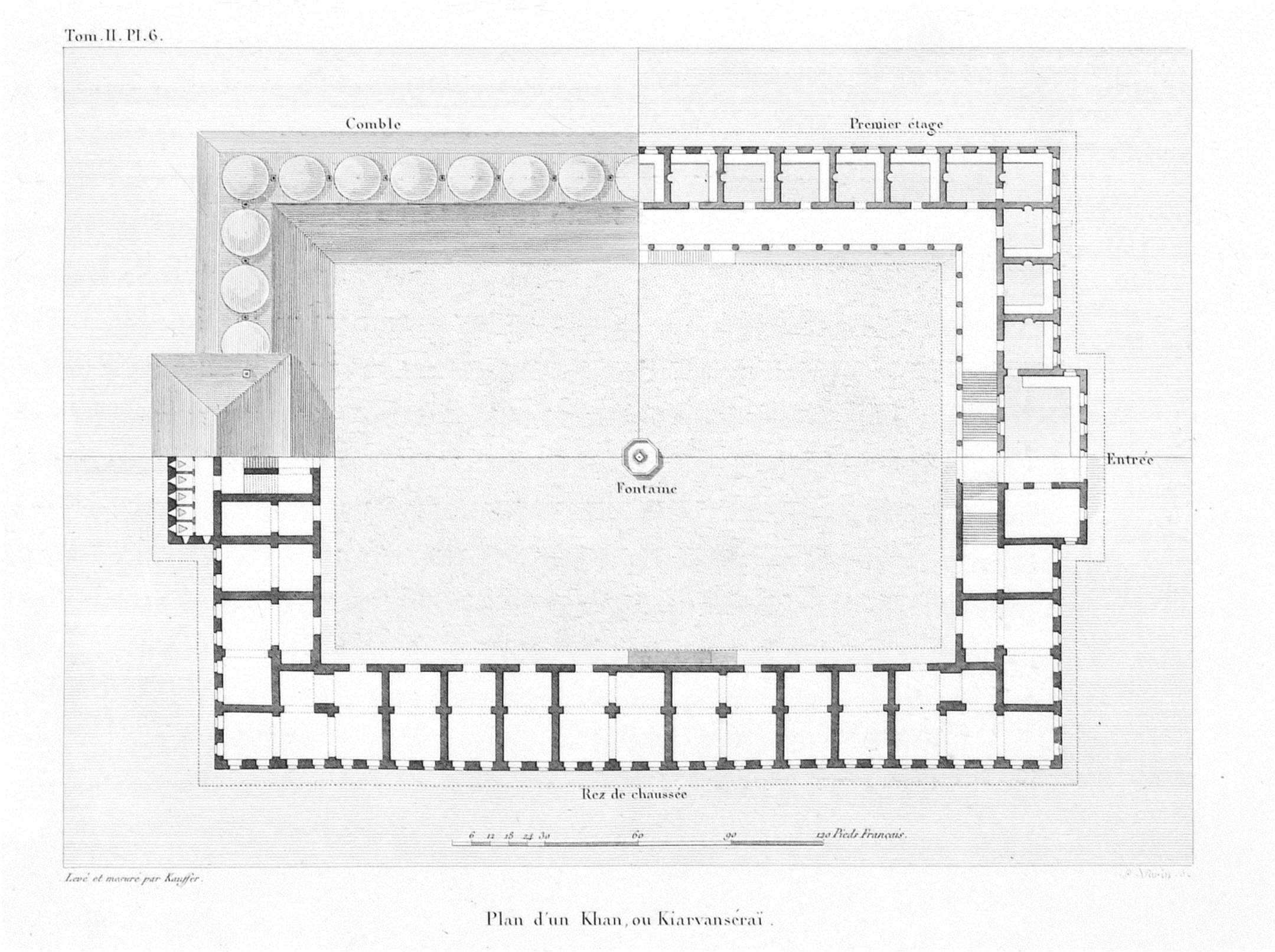
The caravanserai and the khan

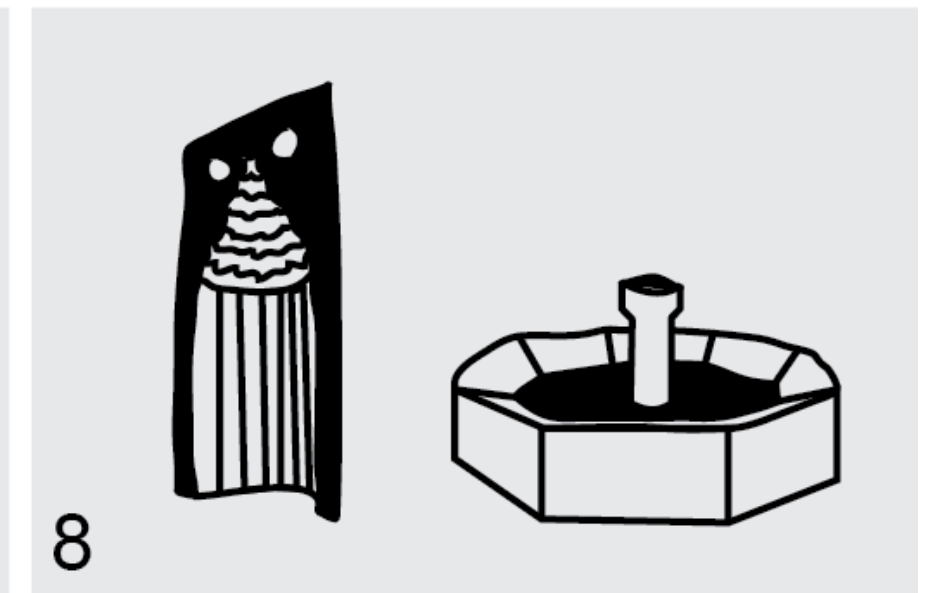
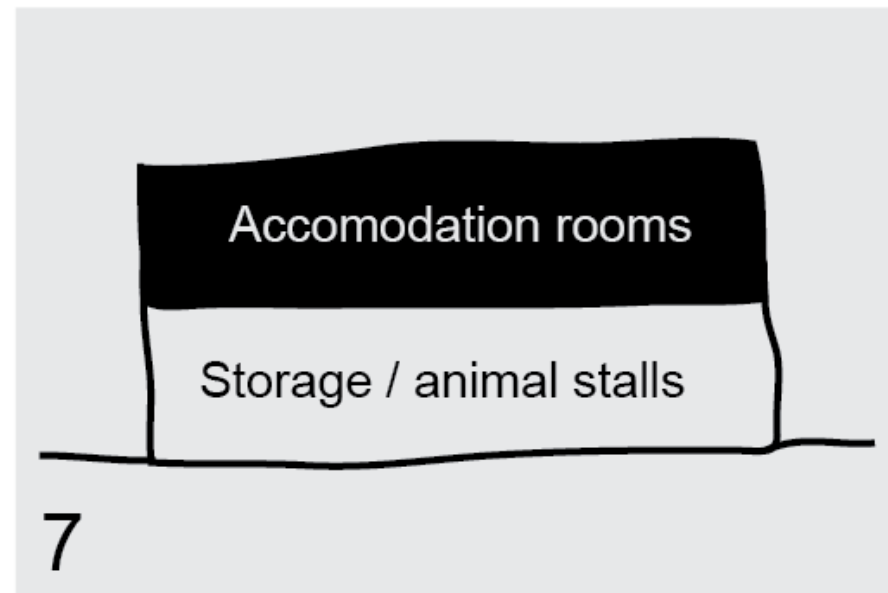
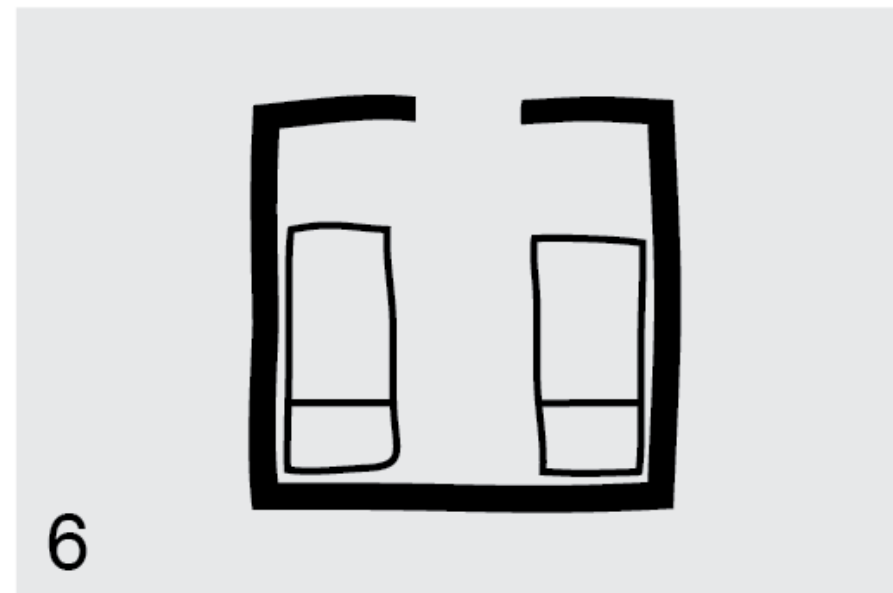
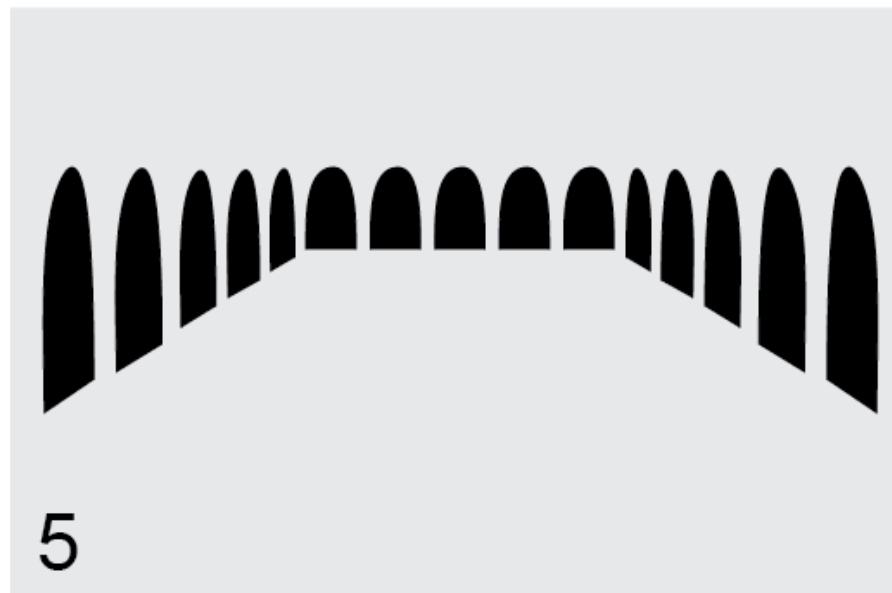
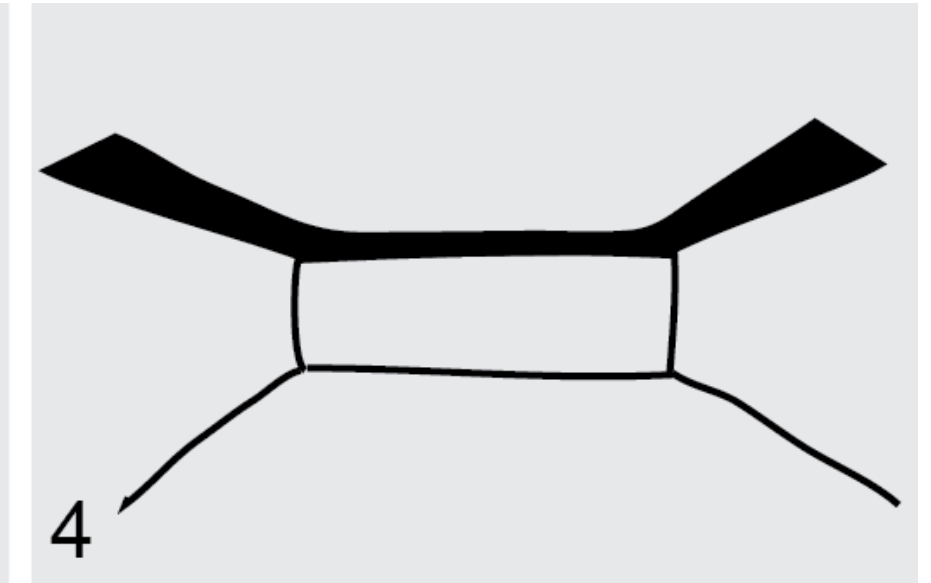
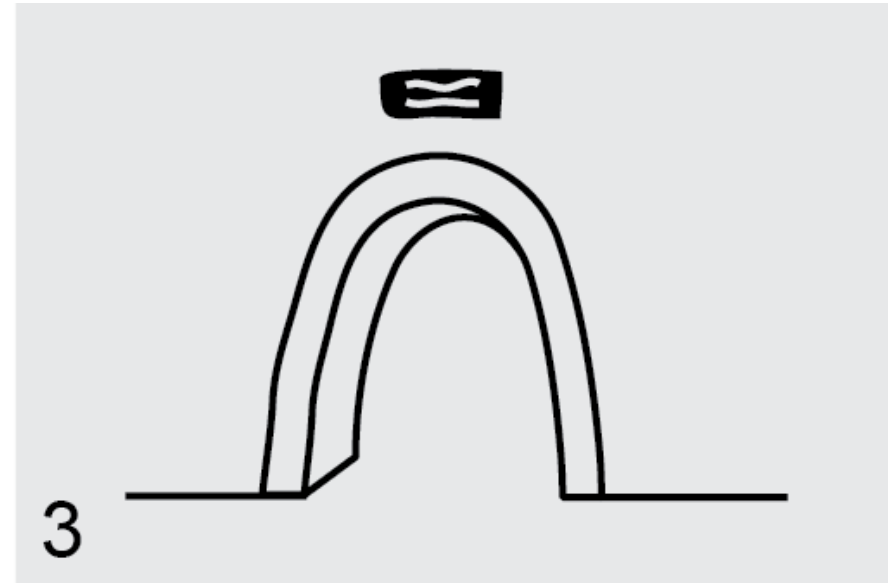
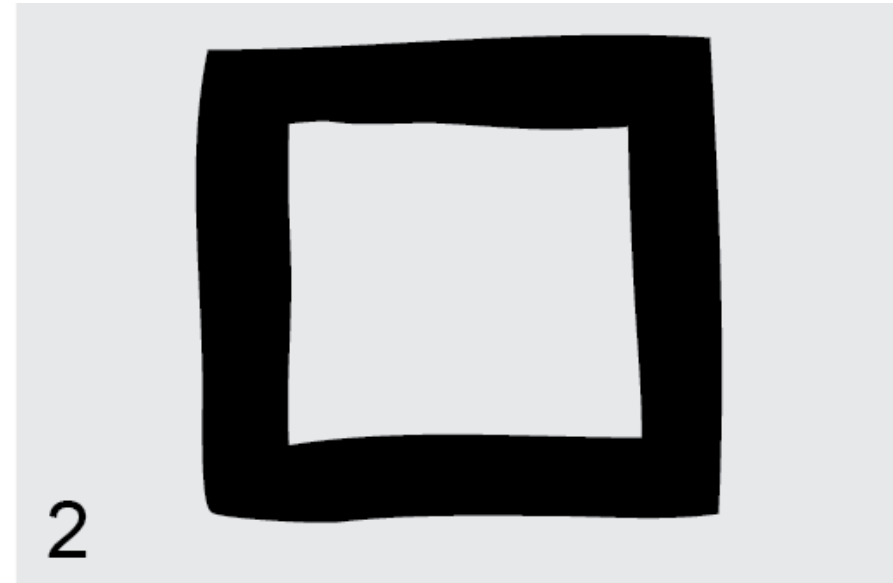
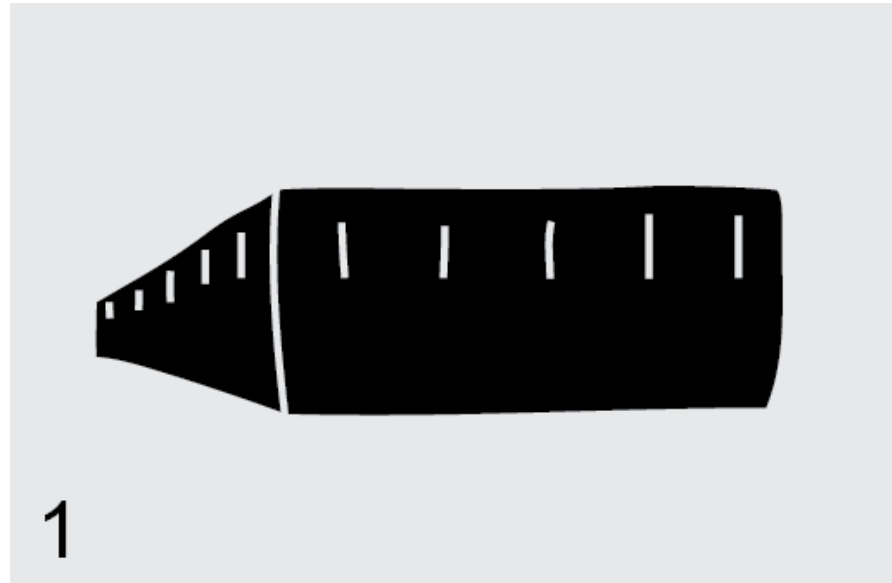


The migrant and the khan



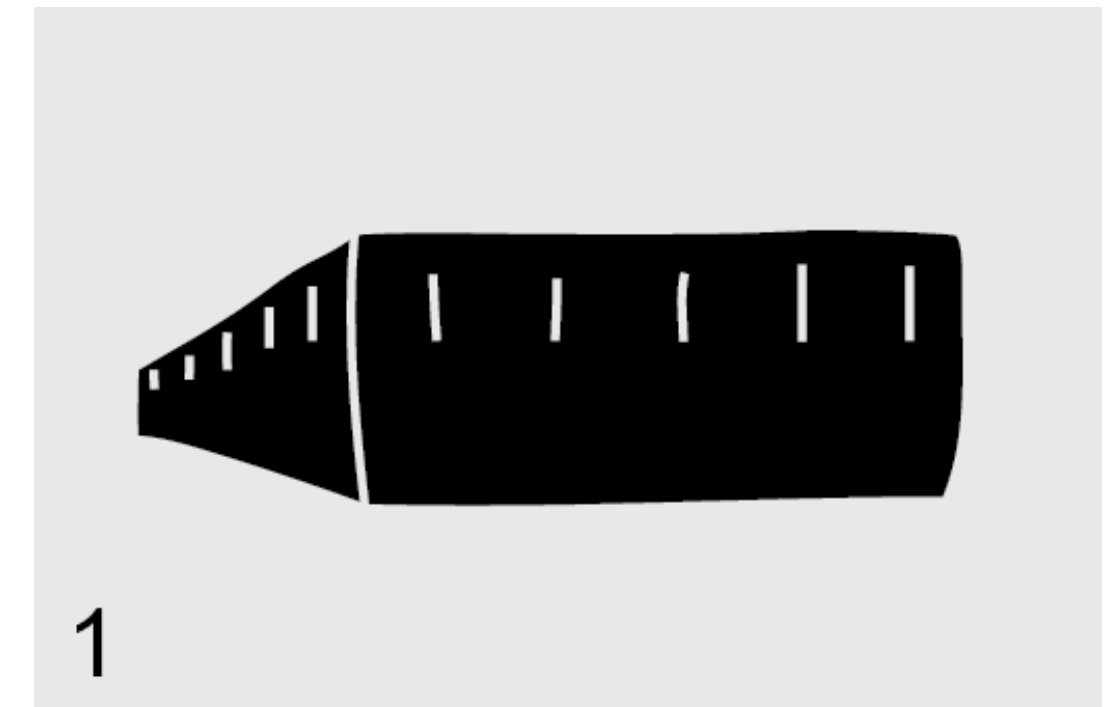
Characteristics of the khan





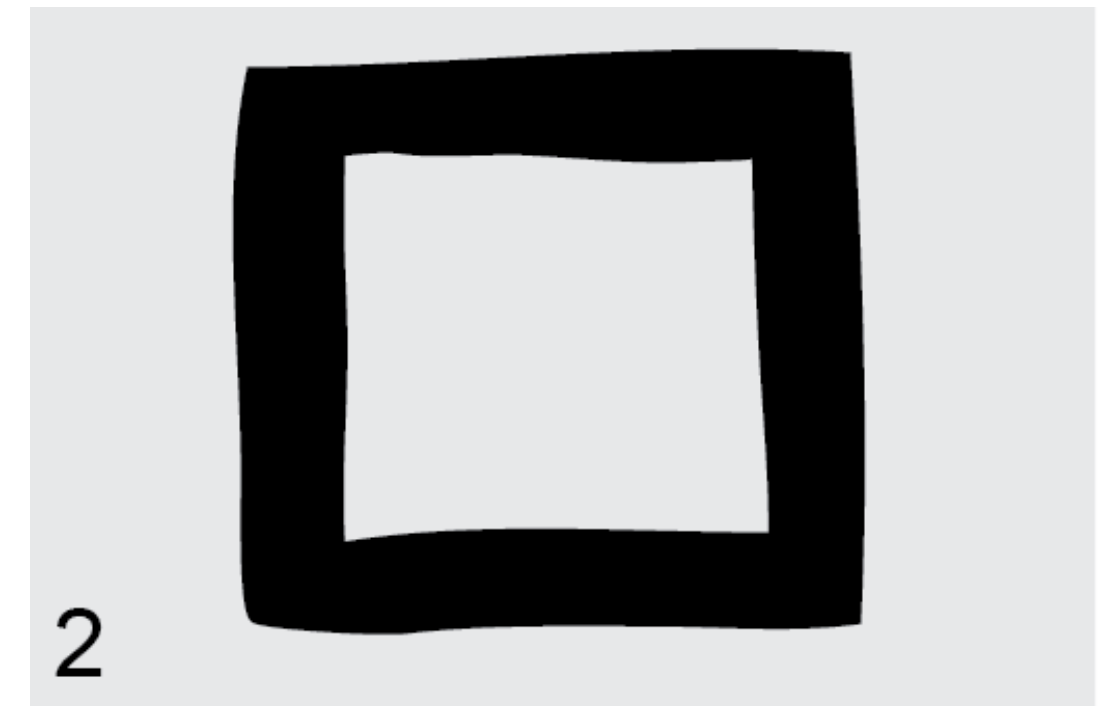


Closed box with small openings
for protection from the outside





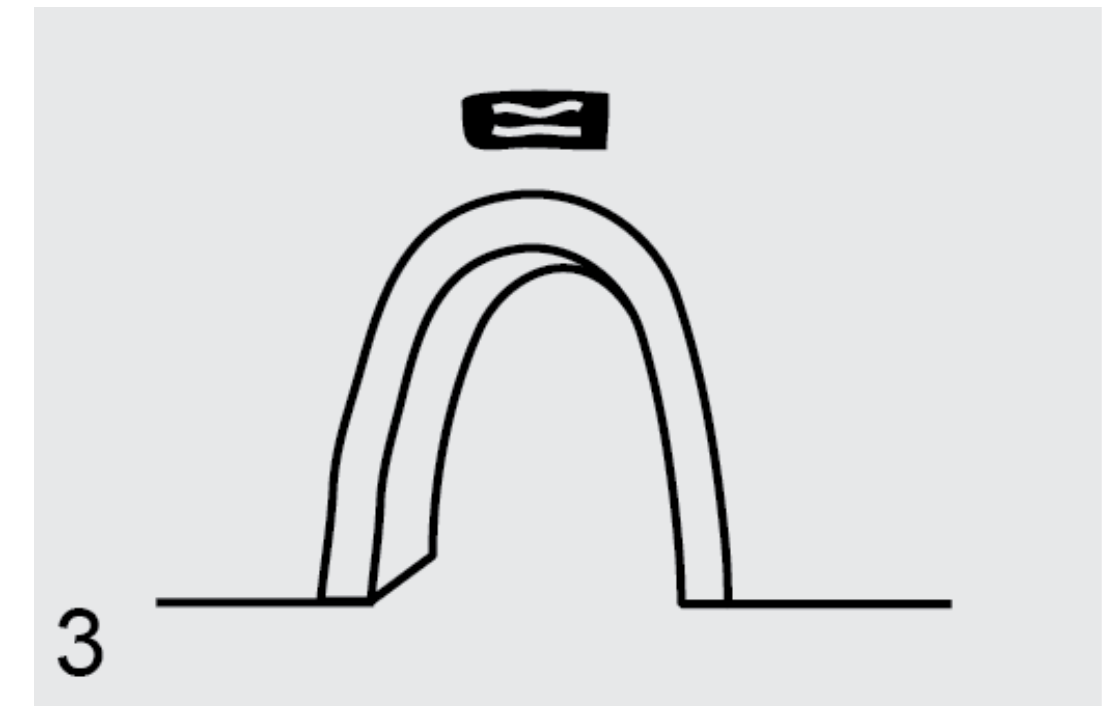
Courtyard
*as a place to arrive, meet
and exchange*





Distinguishable single gate

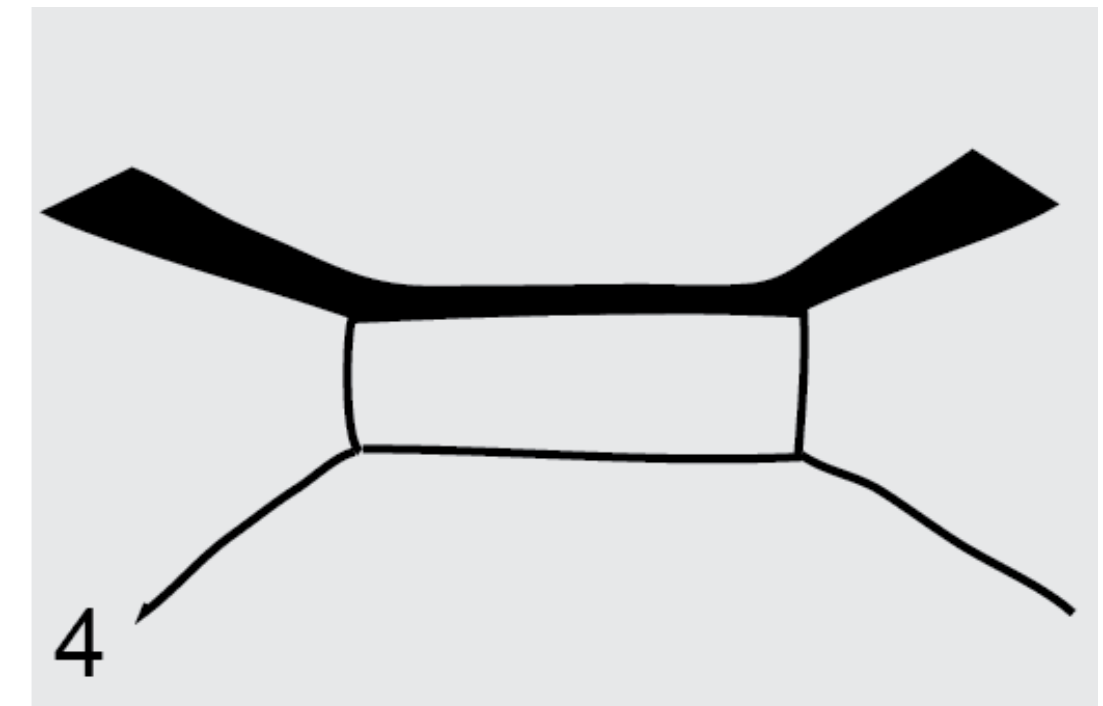
*for recognizability, entrance,
control of access*





Covered edges (portico)

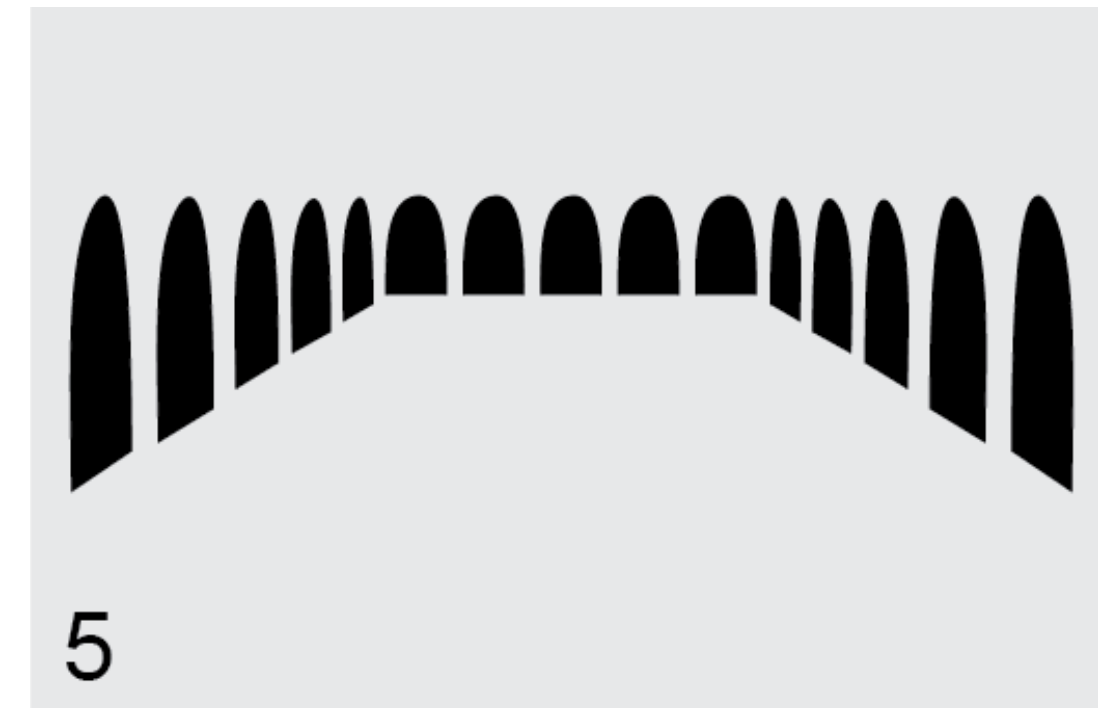
*as a shelter from weather,
transition space*





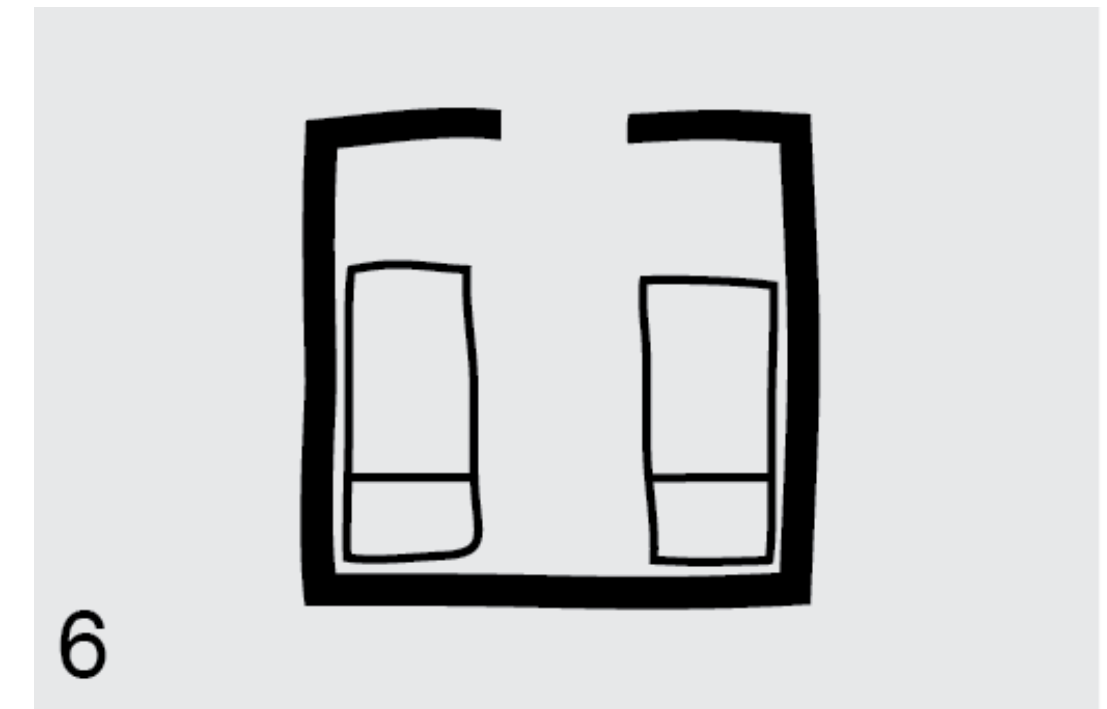
Arched spaces adjacent
to courtyard

a mask showing and hiding



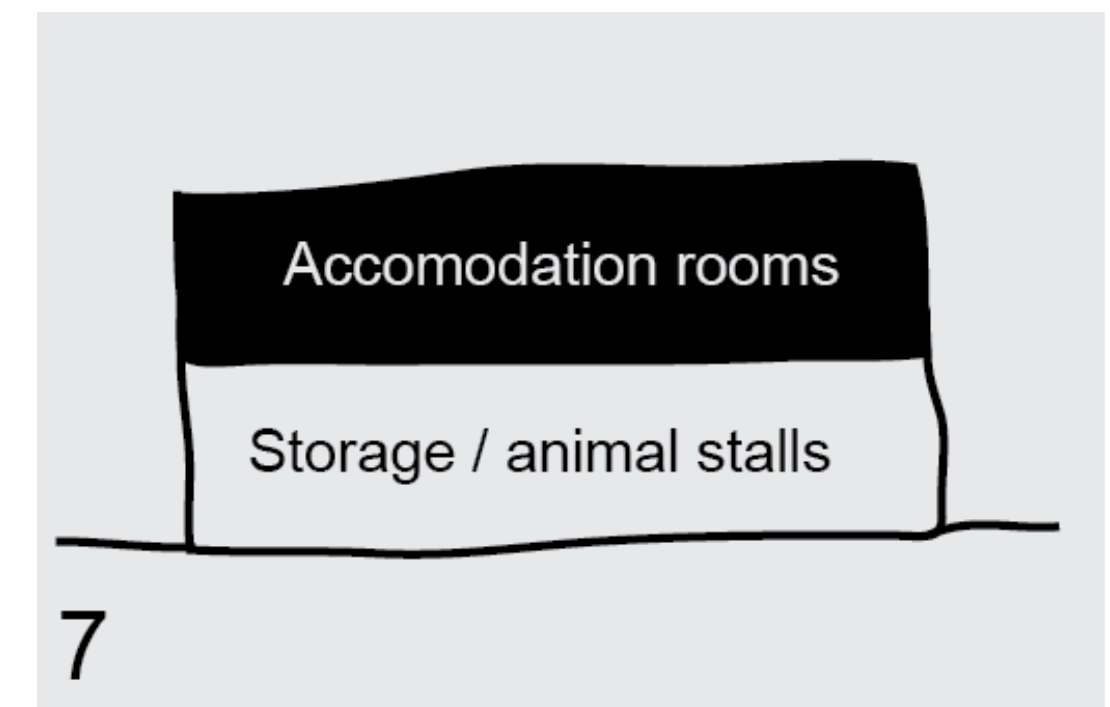


Rooms with basic needs
for shelter, warmth, security, privacy,





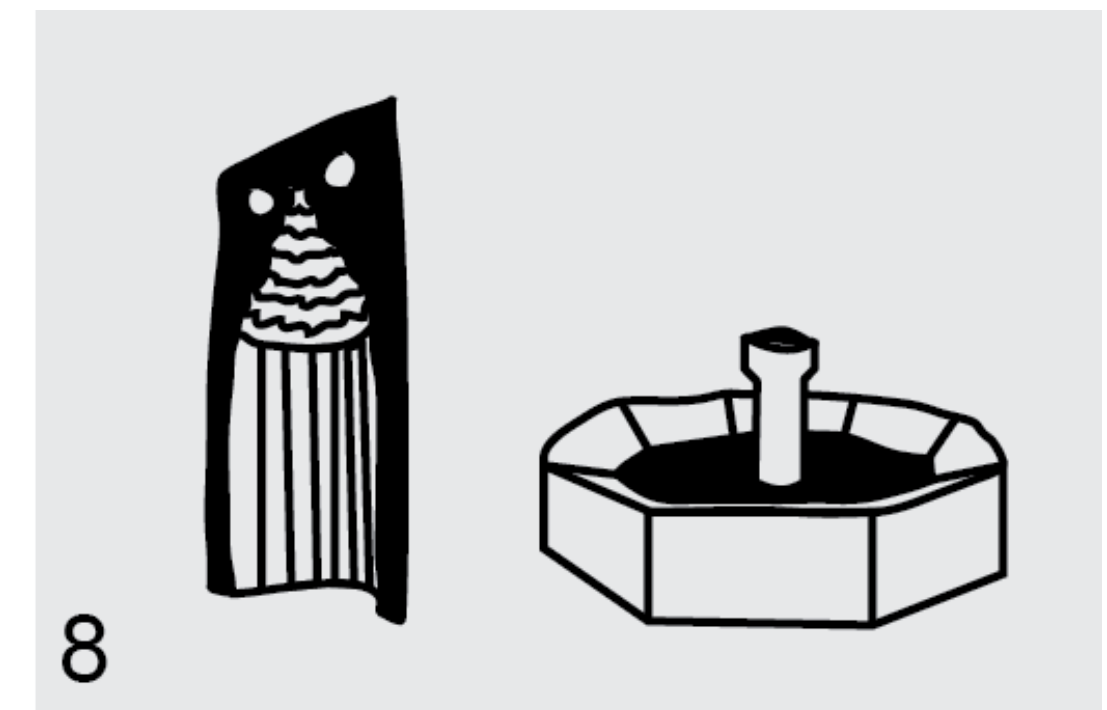
Division floor levels
*for hygiene, heating, privacy,
practical accessibility*





Fountain, masjid, iwan,
watch room, bath

*as additional services for hygiene,
safety, religious purposes, a.o.*



The khan in Istanbul



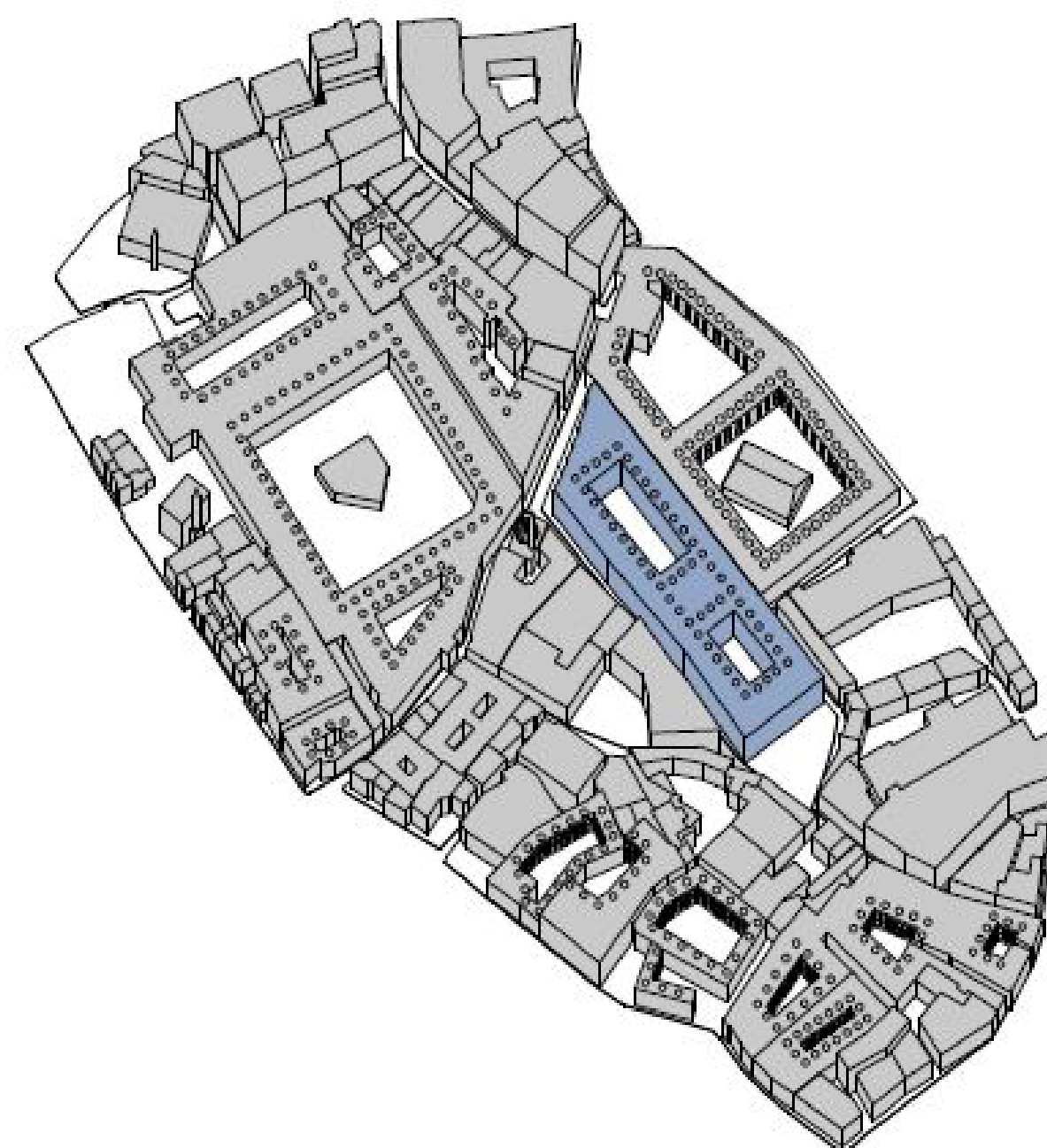
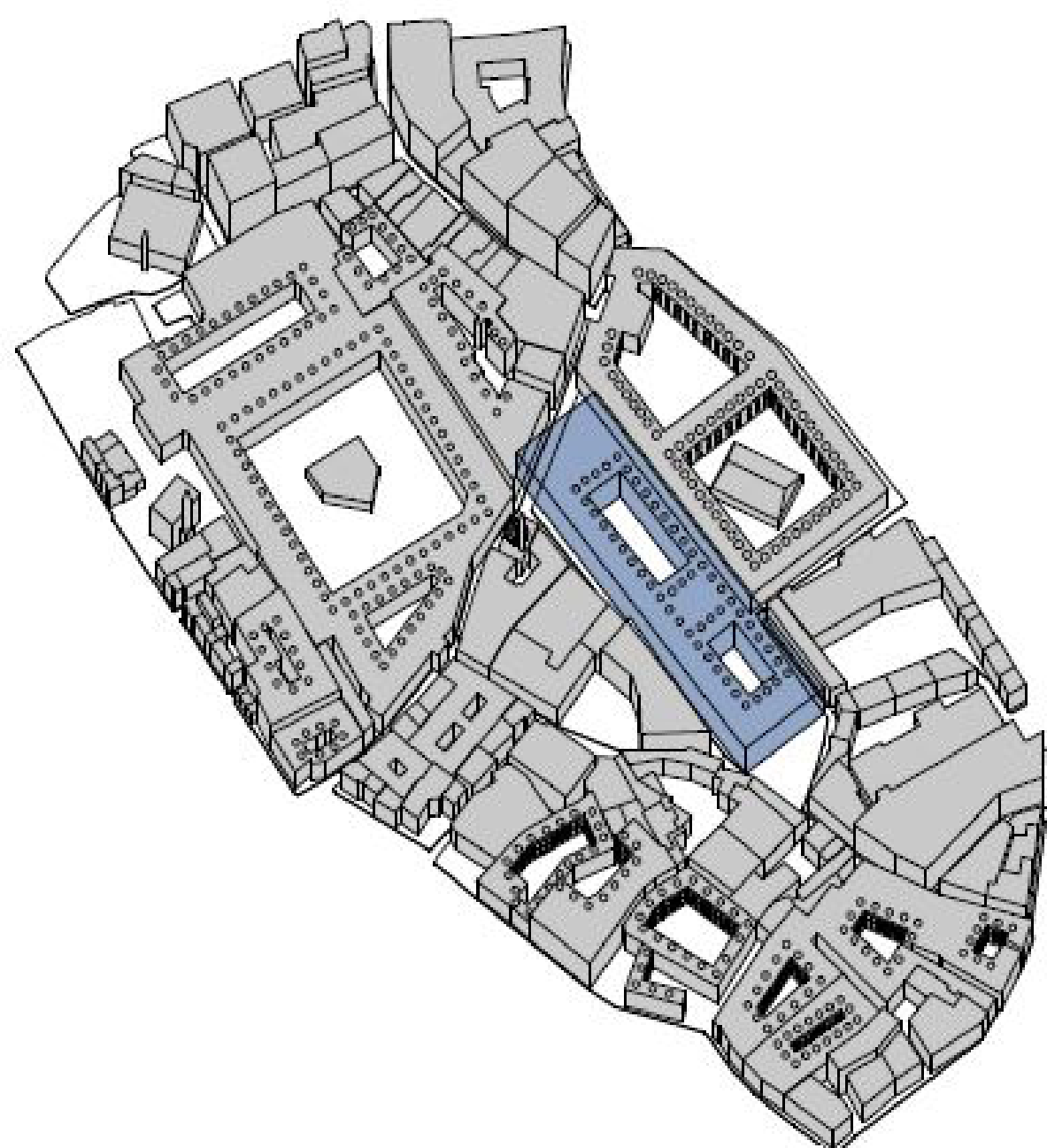
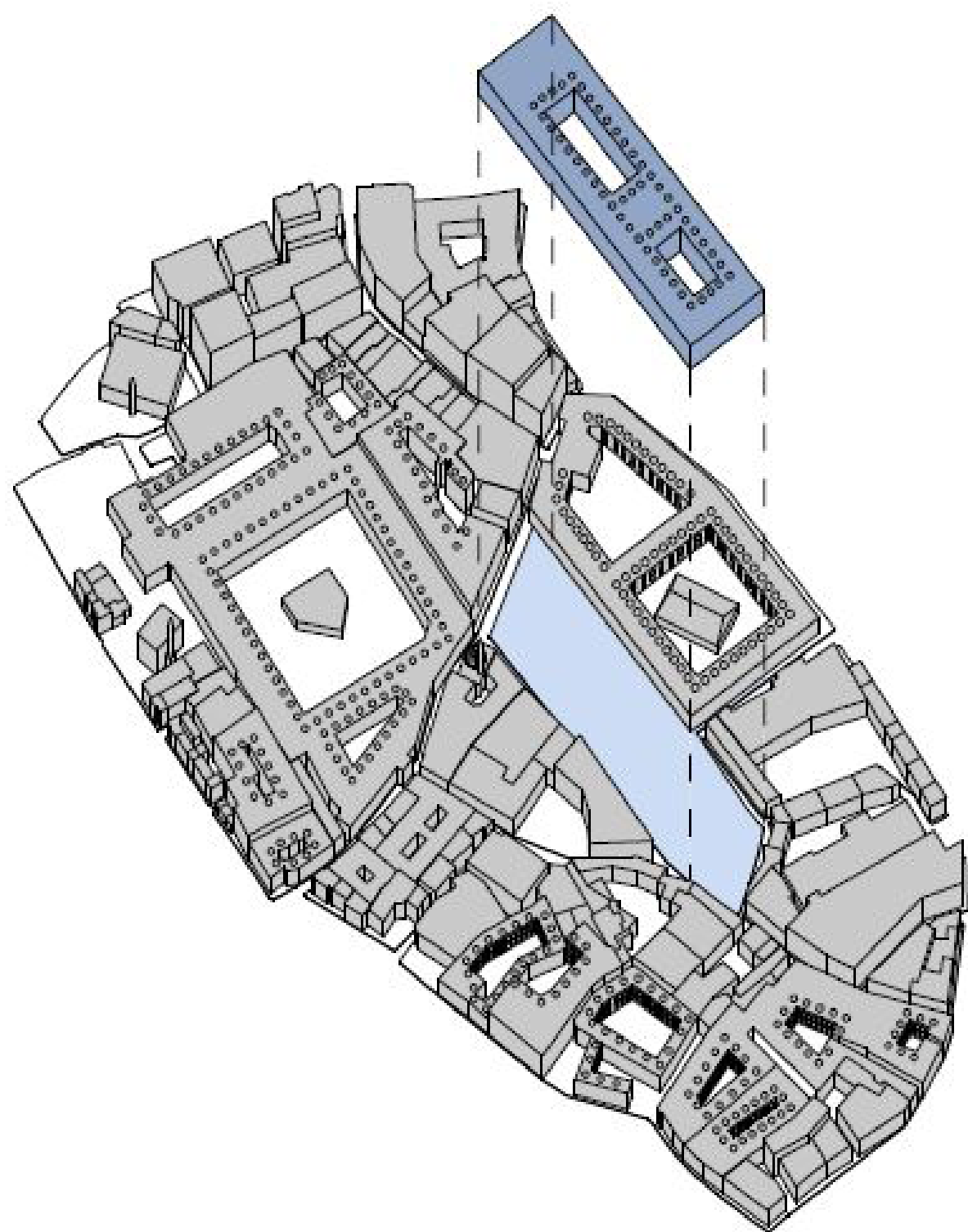
The khan as the calm backhouse

video

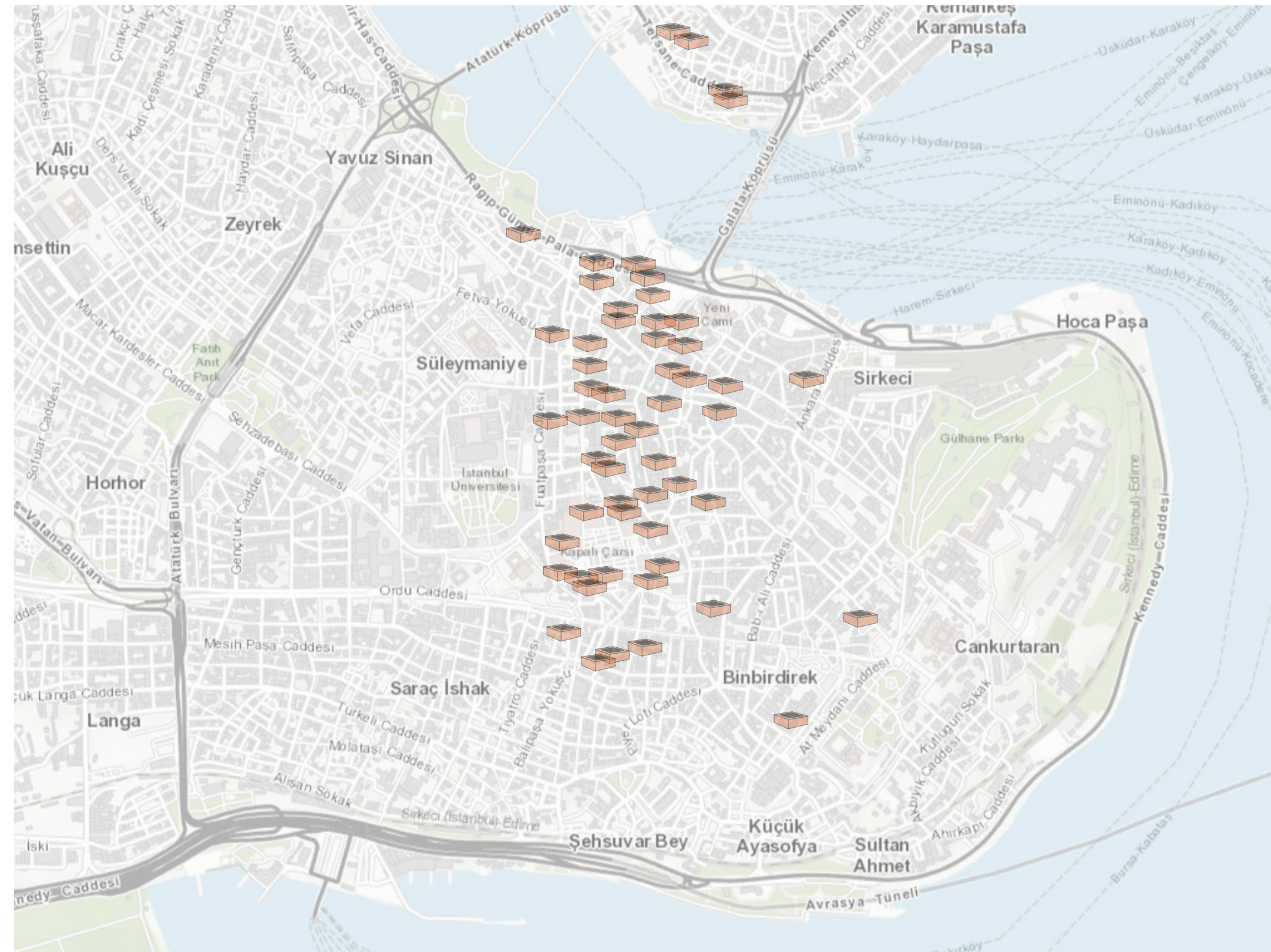
Wide variety in khans



Adapting to the site



Remaining khans



1.

translating the purpose
of the khan to a
contemporary use

2.

re-evaluating
the architectural
characteristics

3.

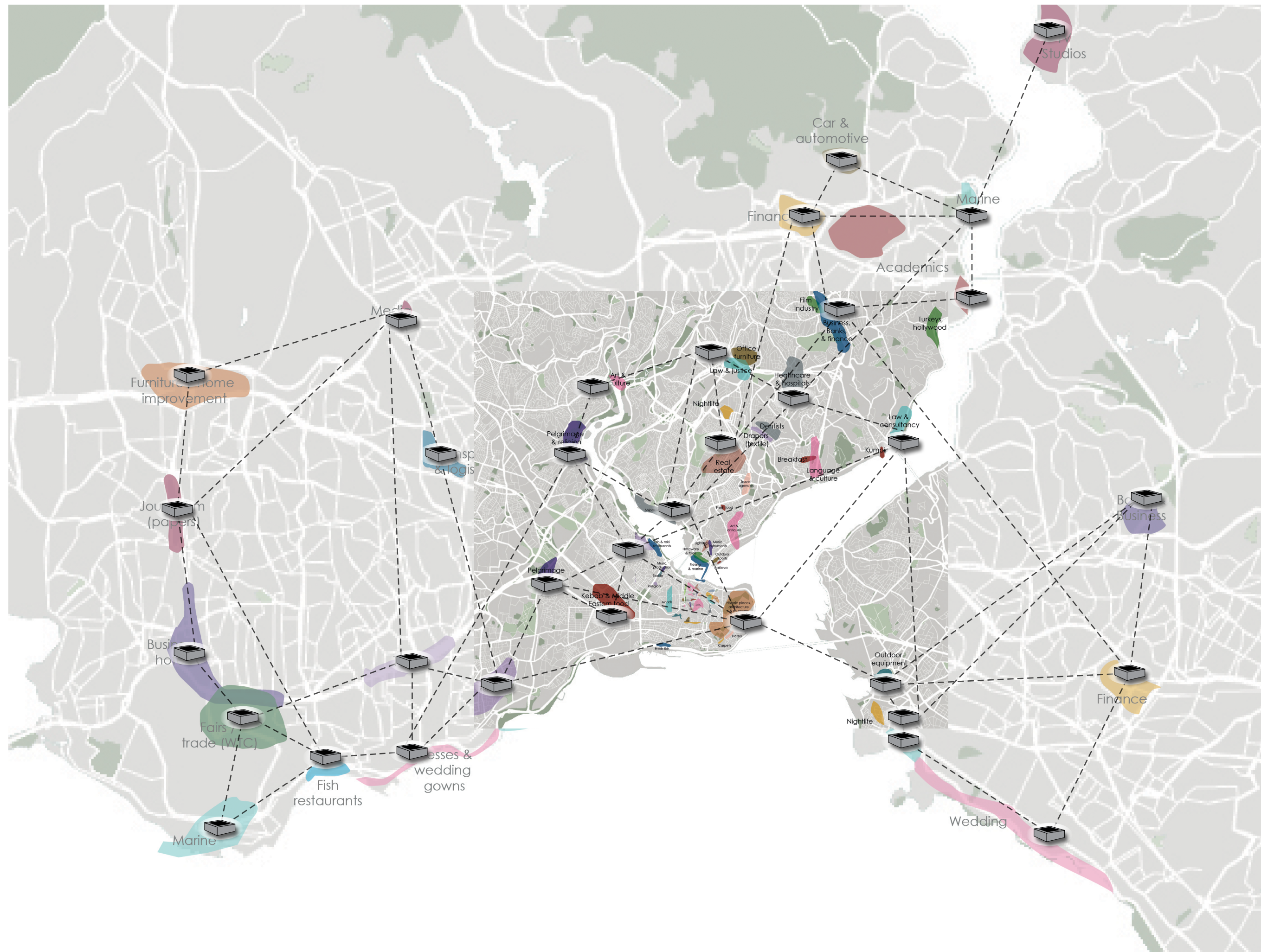
A site in relation to
the historic khans

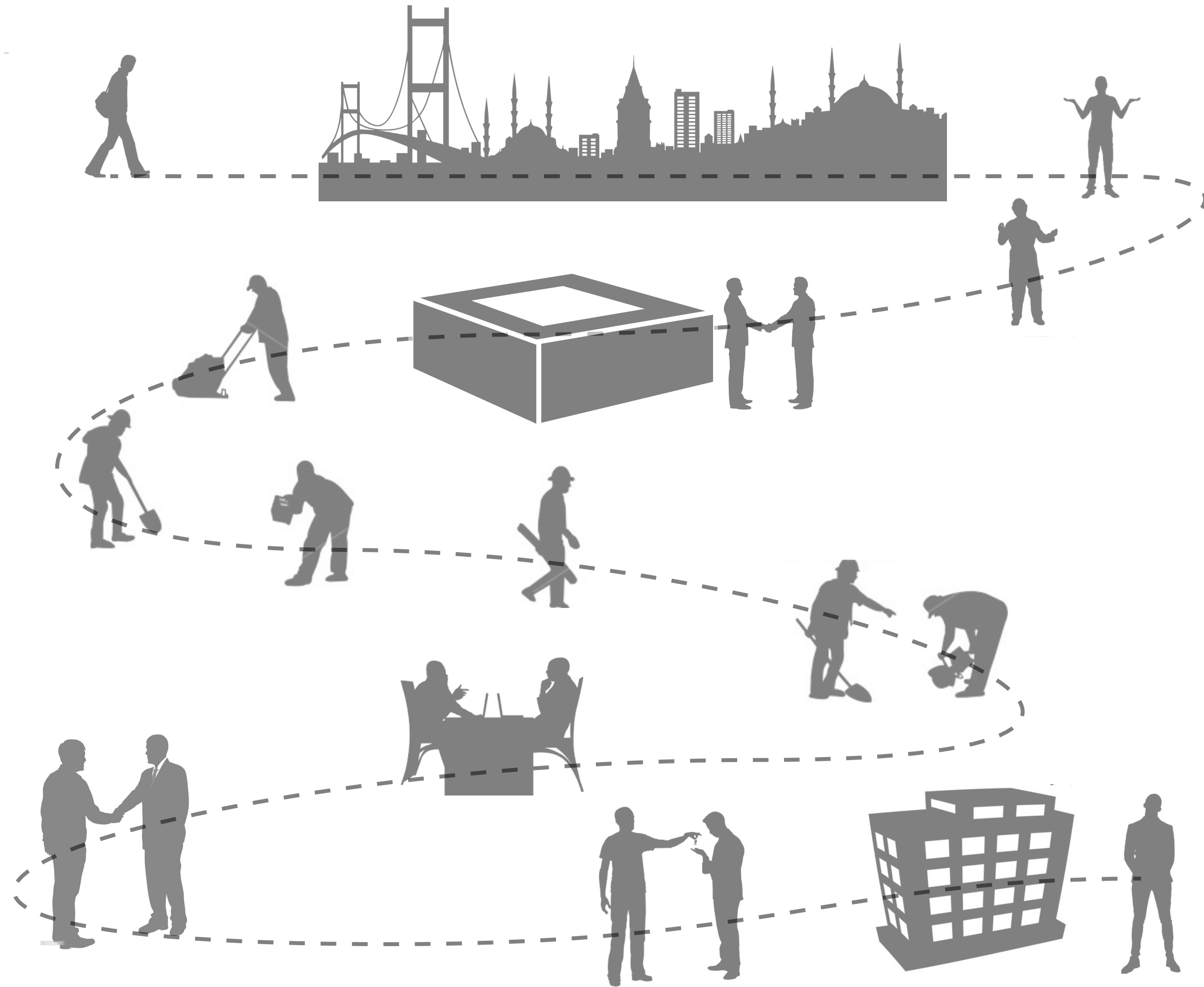
Reinterpretation of the historic khan for modern migrants in Istanbul



The contemporary khan

a housing and employment hub in Istanbul



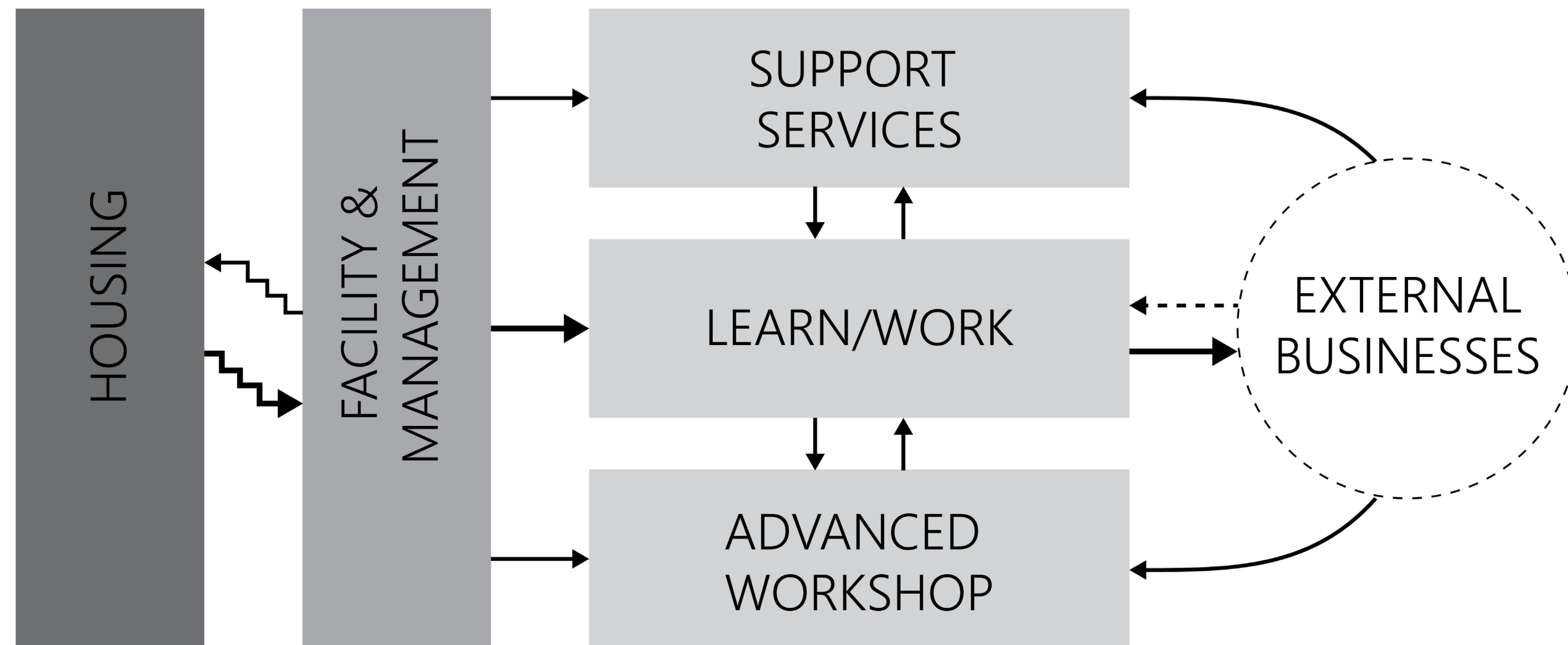


Khan of craftsmanship



Revitalizing the making-industry

Organizational structure



Site choice



Site choice



Unkapanı / Küçükpazar



Centrally located



Urban renewal area

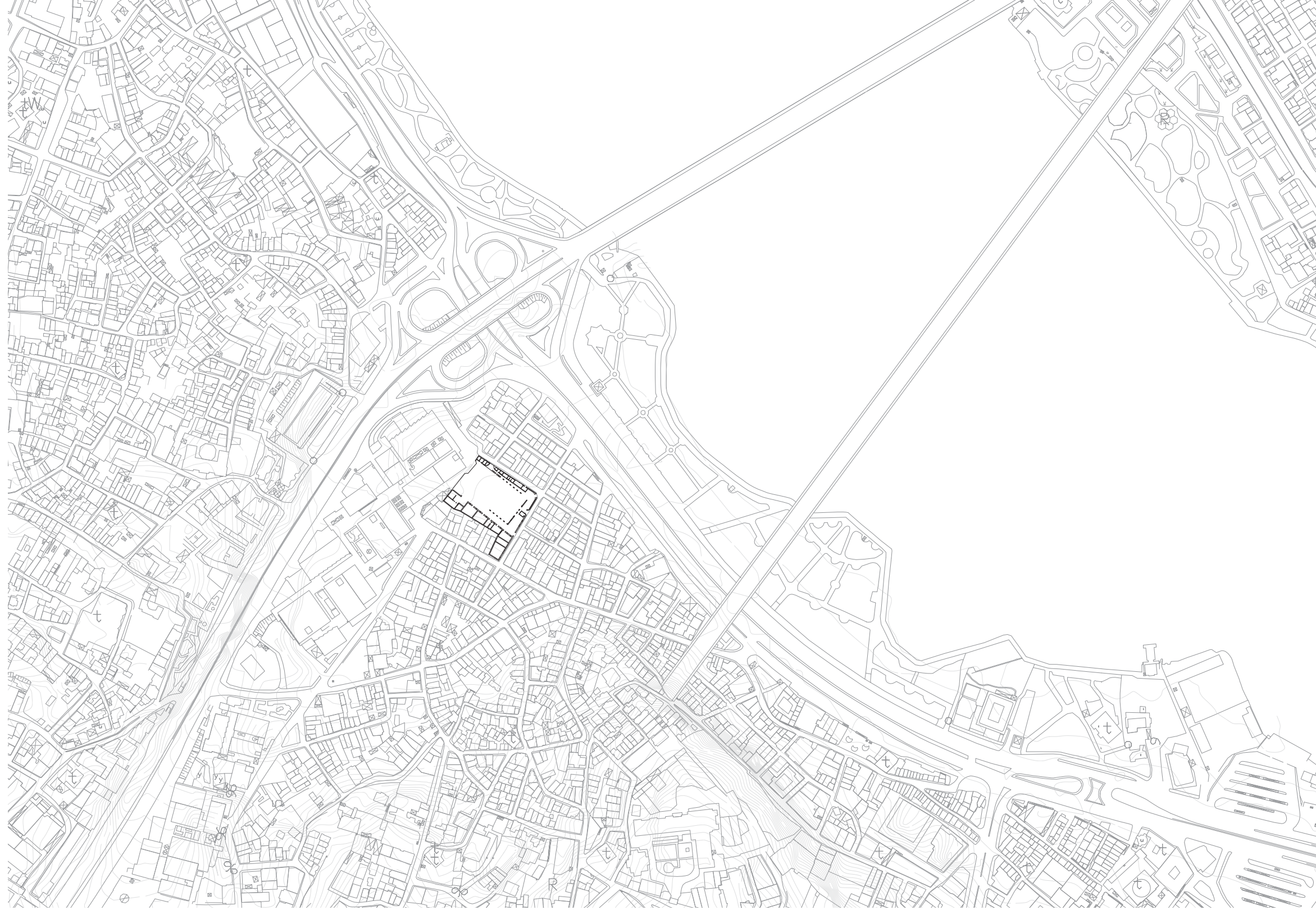


Migrant hotels

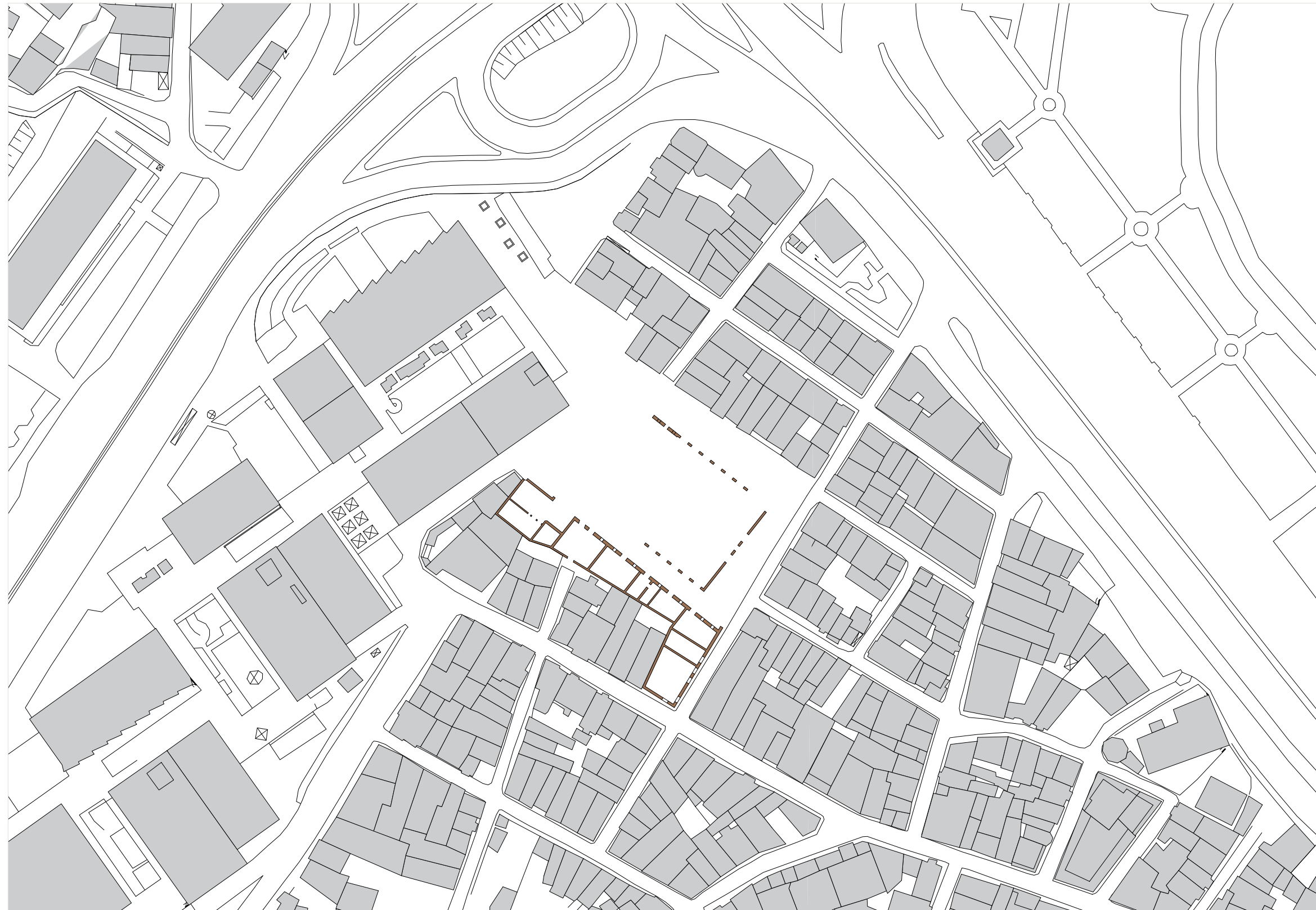


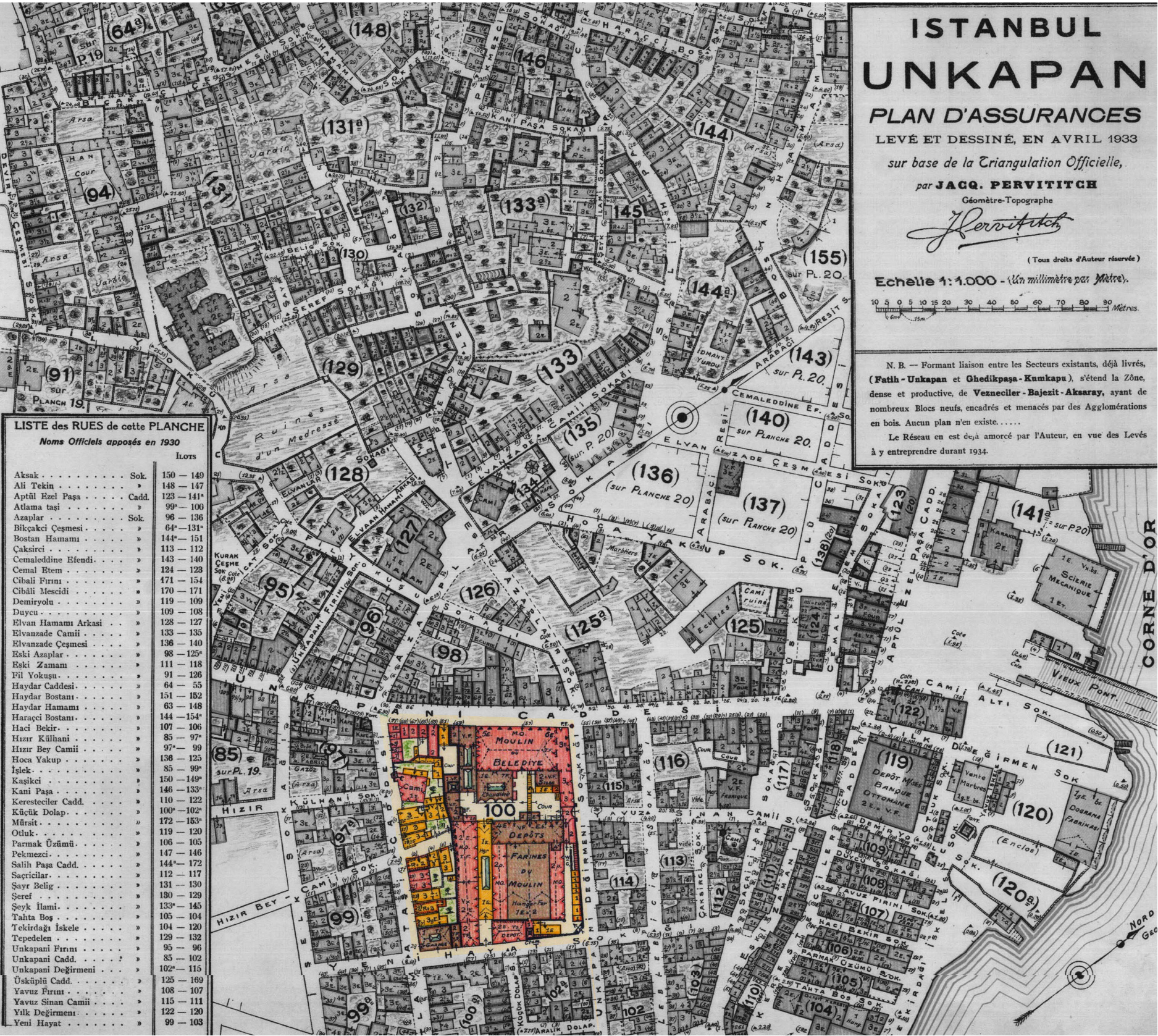
Modernist heritage

Unkapanı / Küçükpazar



Unkapanı former flour mill

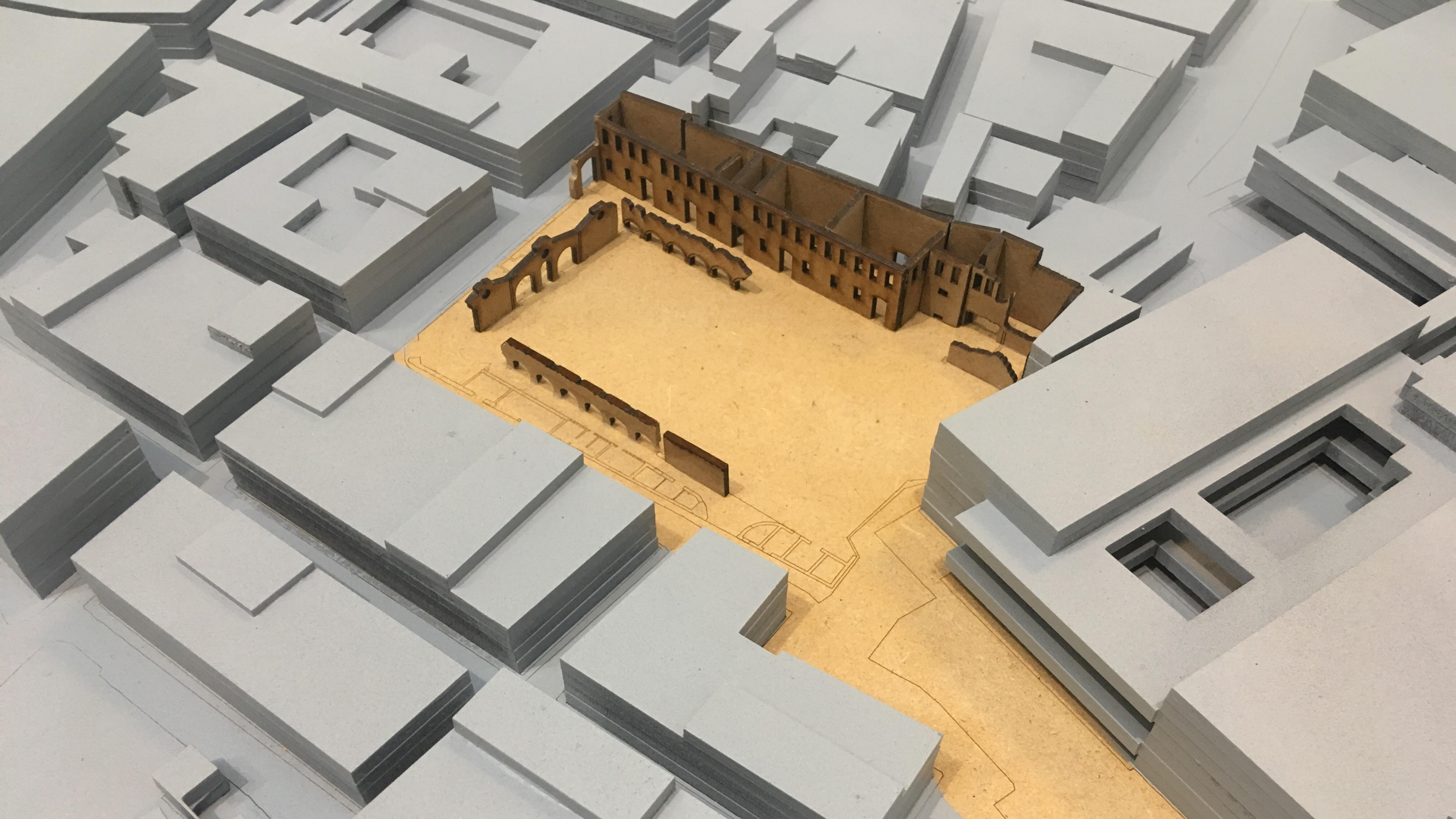




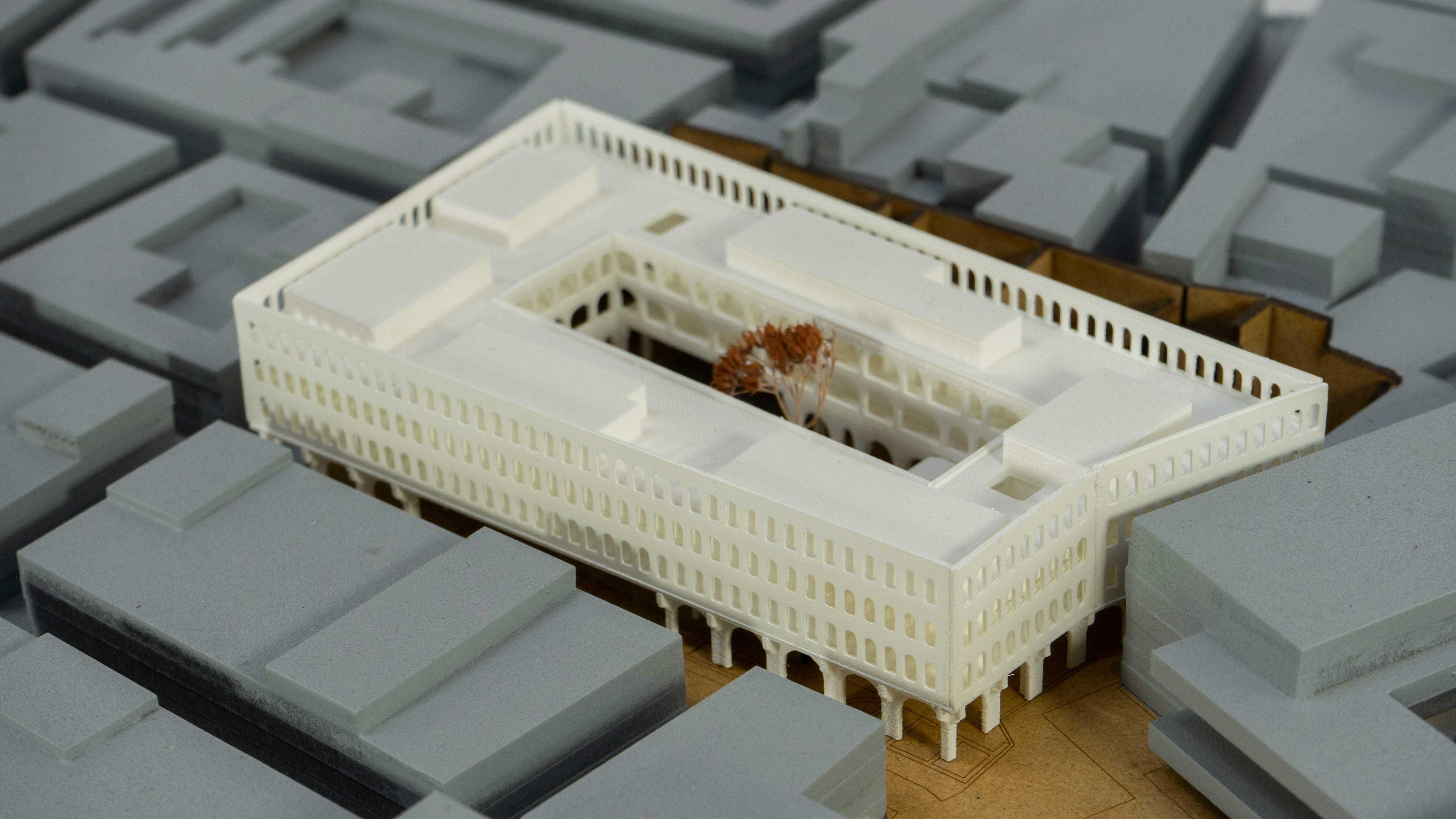


video



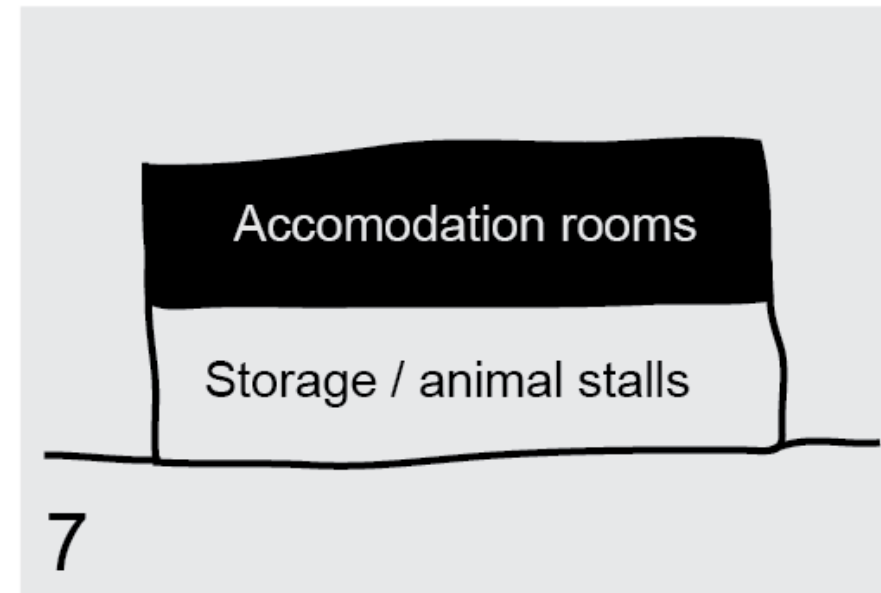
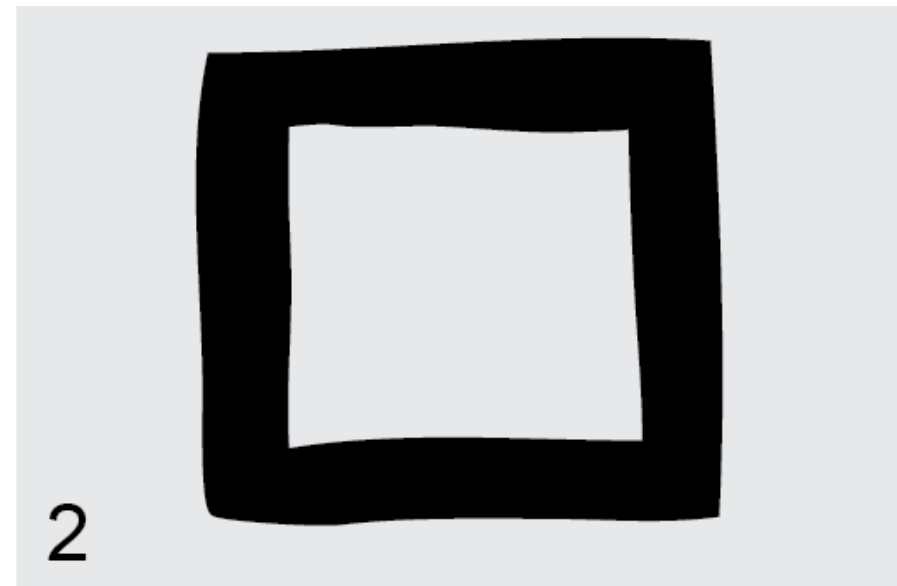


The architectural design



Reinterpretation typological characteristics

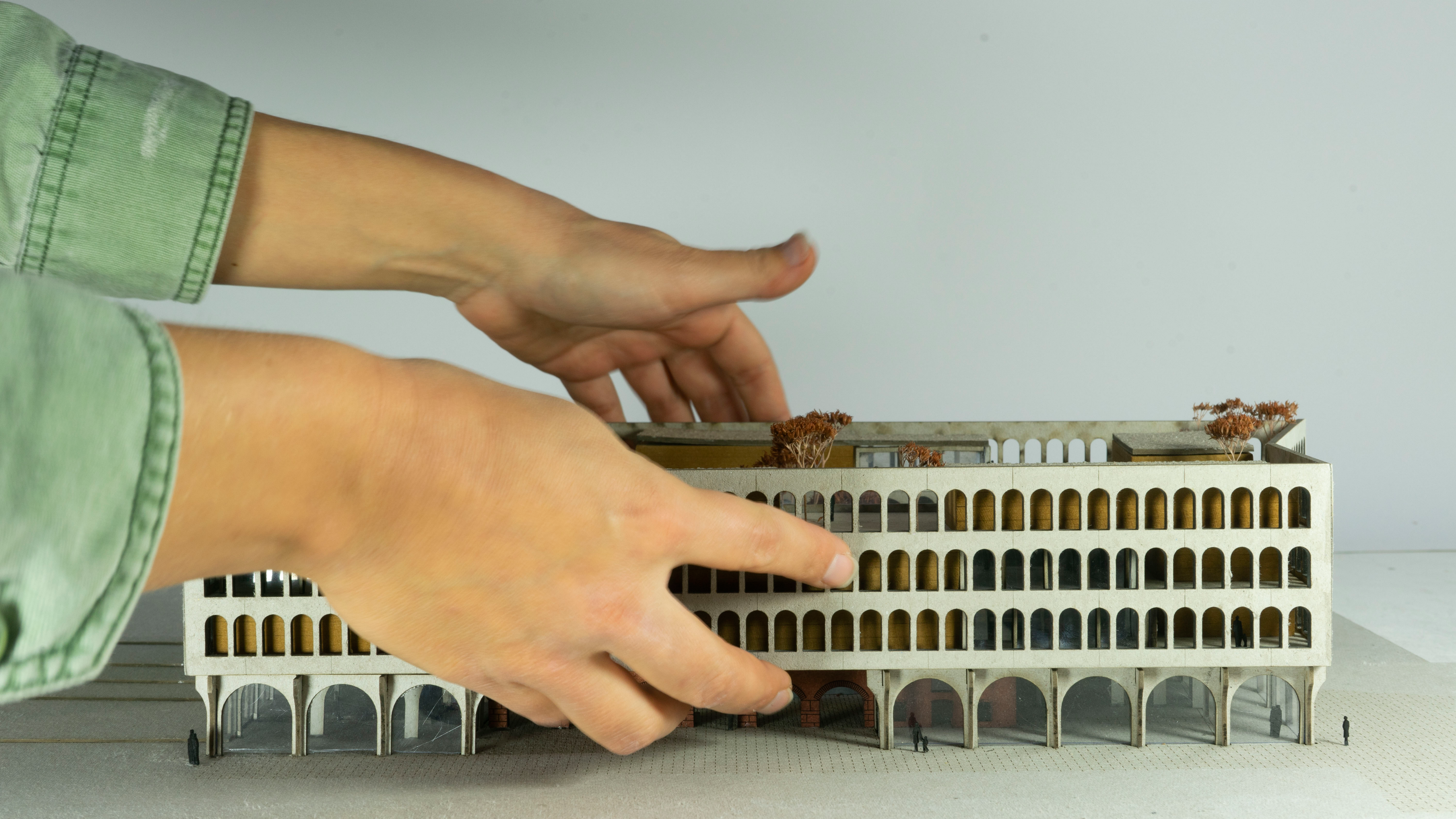
Inner
vs.
outter



Division of
public and private
levels

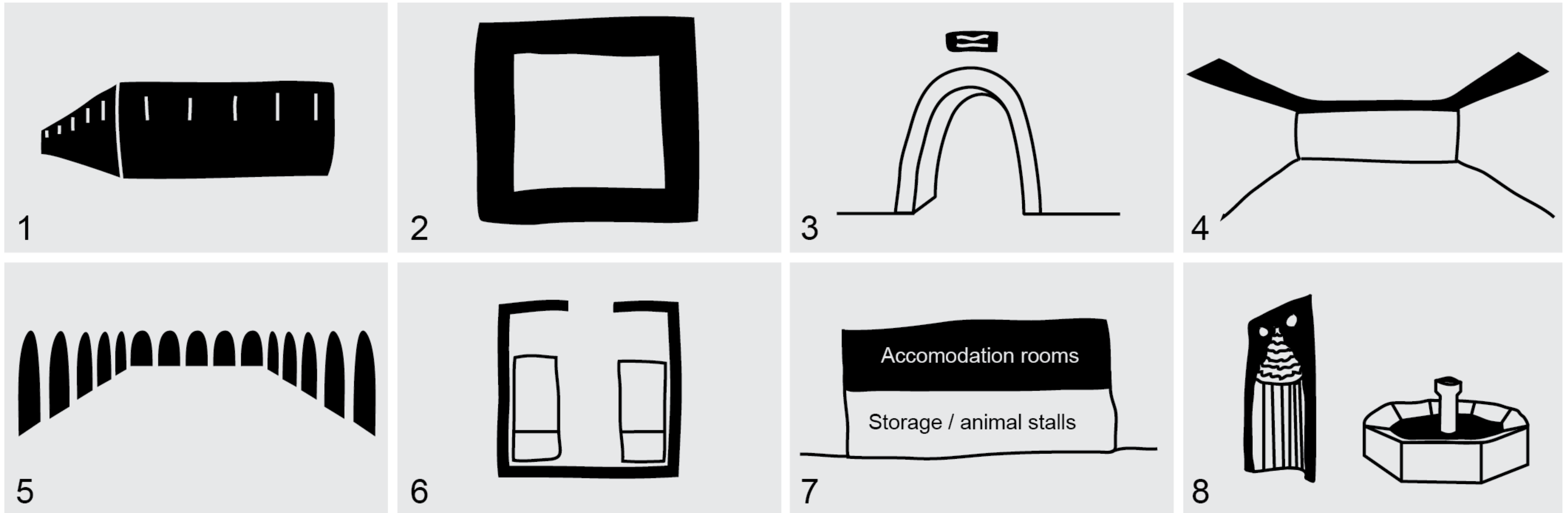


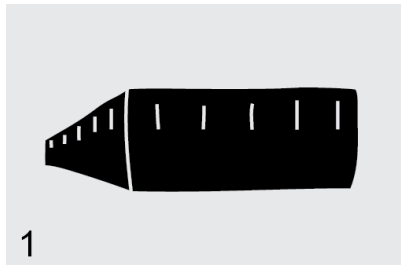






Reinterpretation typological characteristics

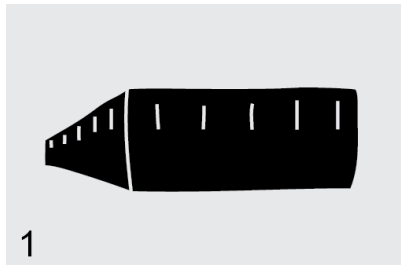




Protective shell

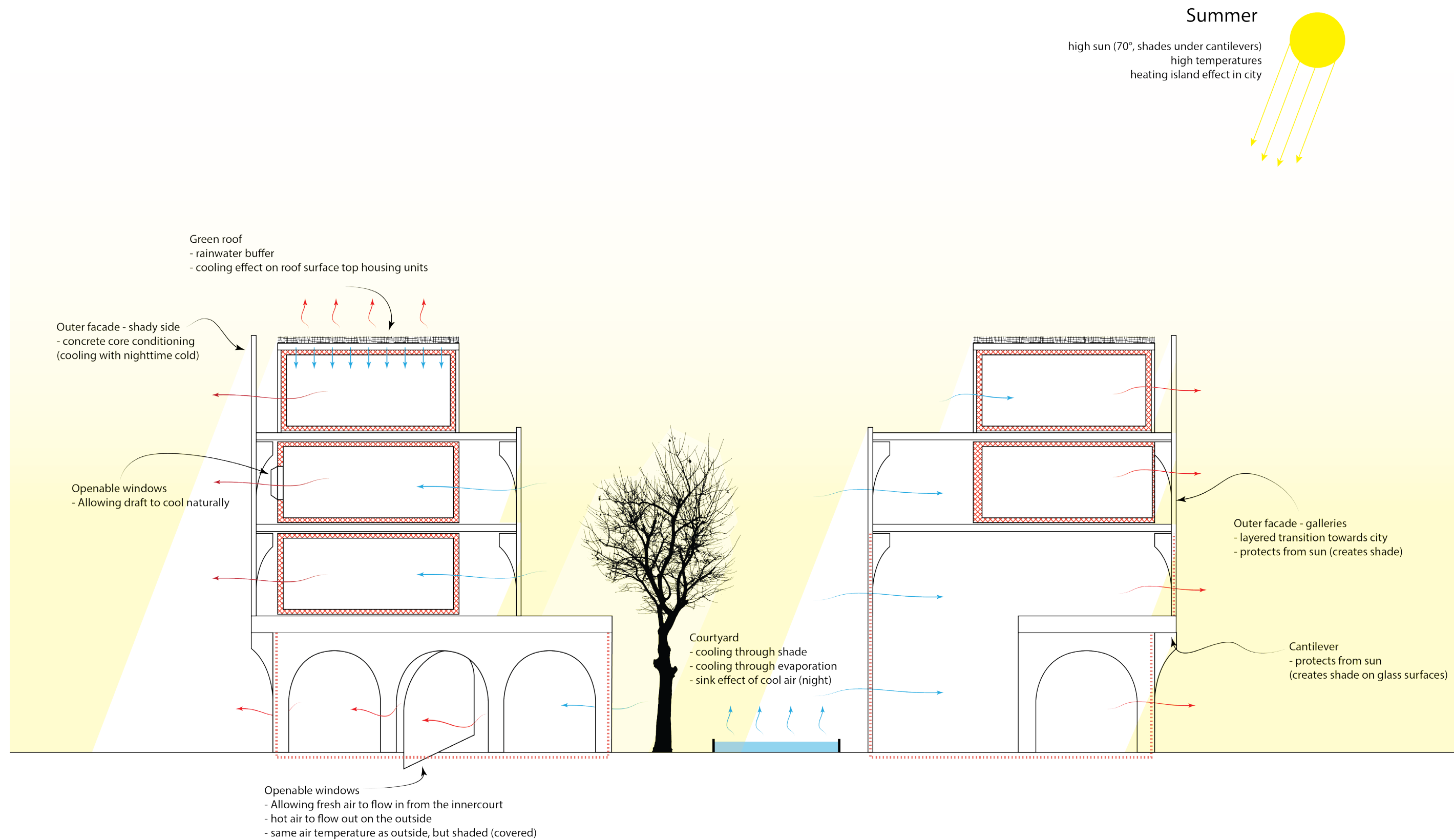
Layered towards the chaotic city

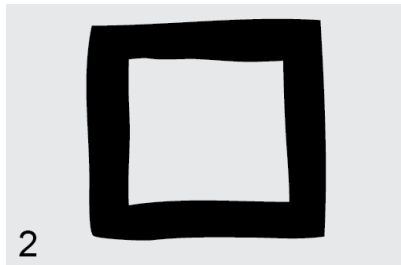




Protective shell

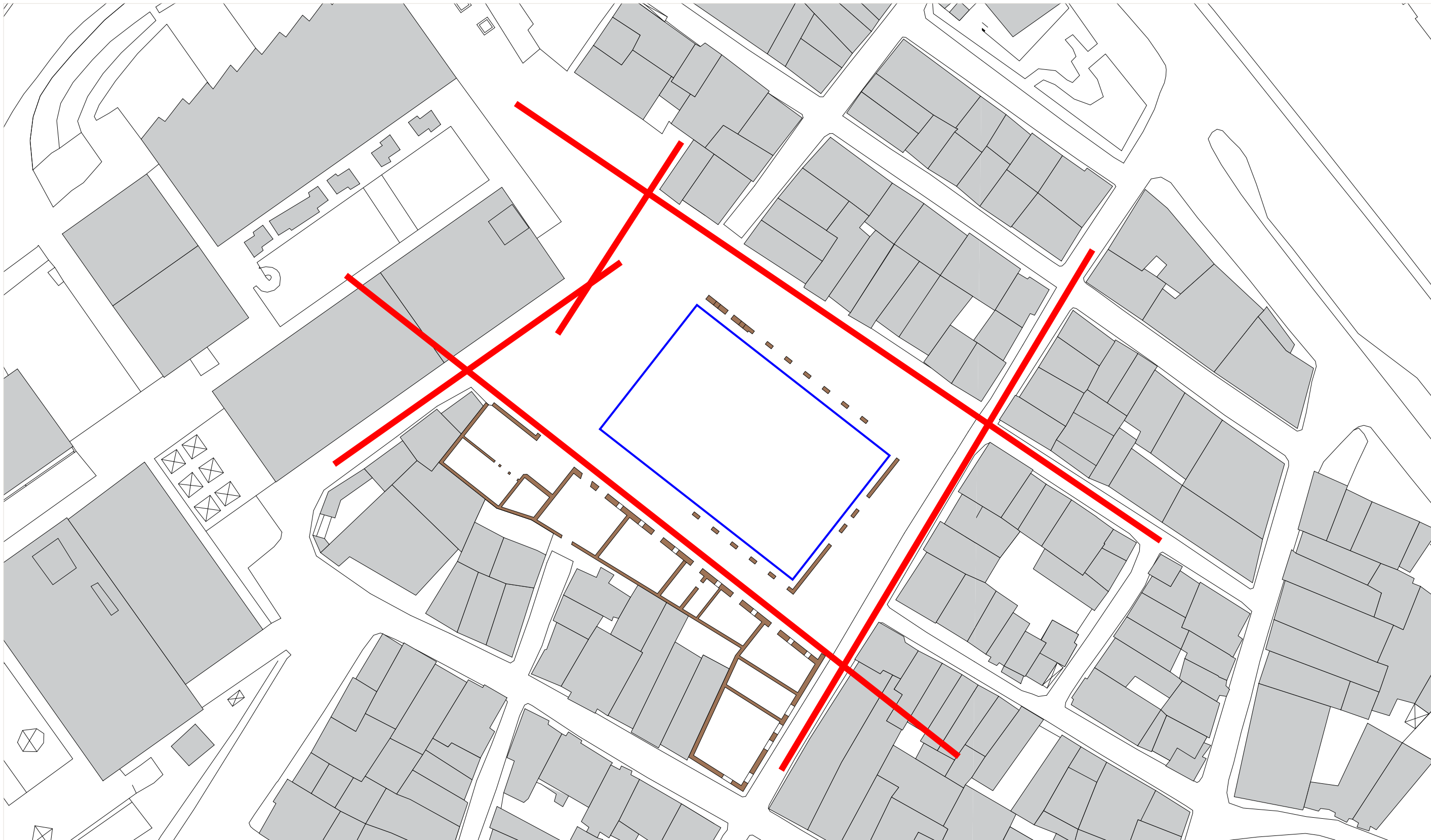
Protection from weather (brise-soleil, water & wind cover)

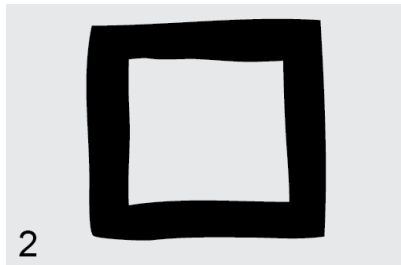




Inner vs. outer

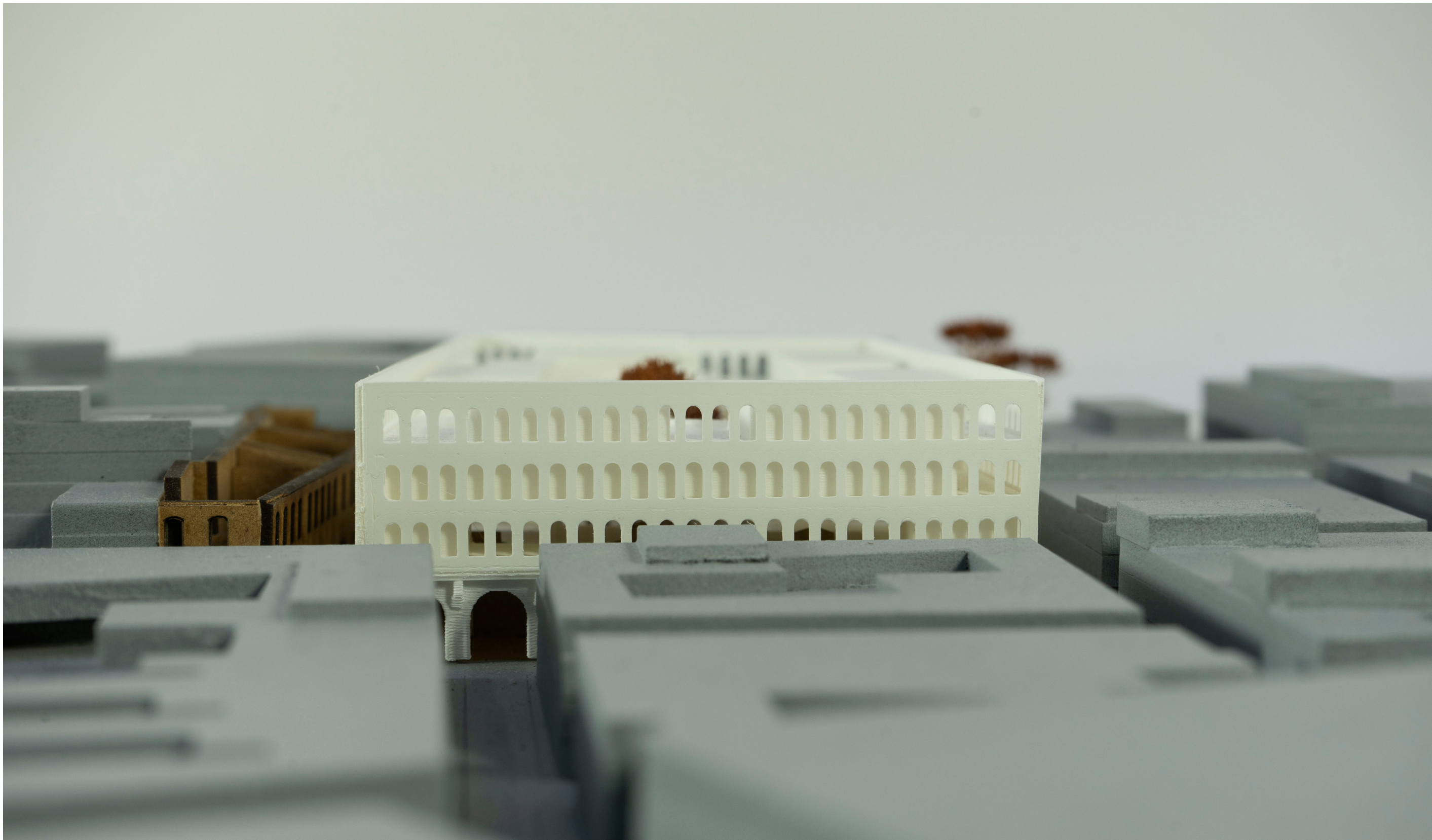
Outer facade following the urban fabric, inner court following the historic site

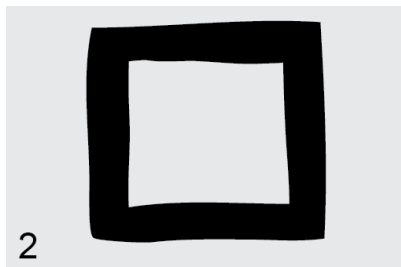




Inner vs. outer

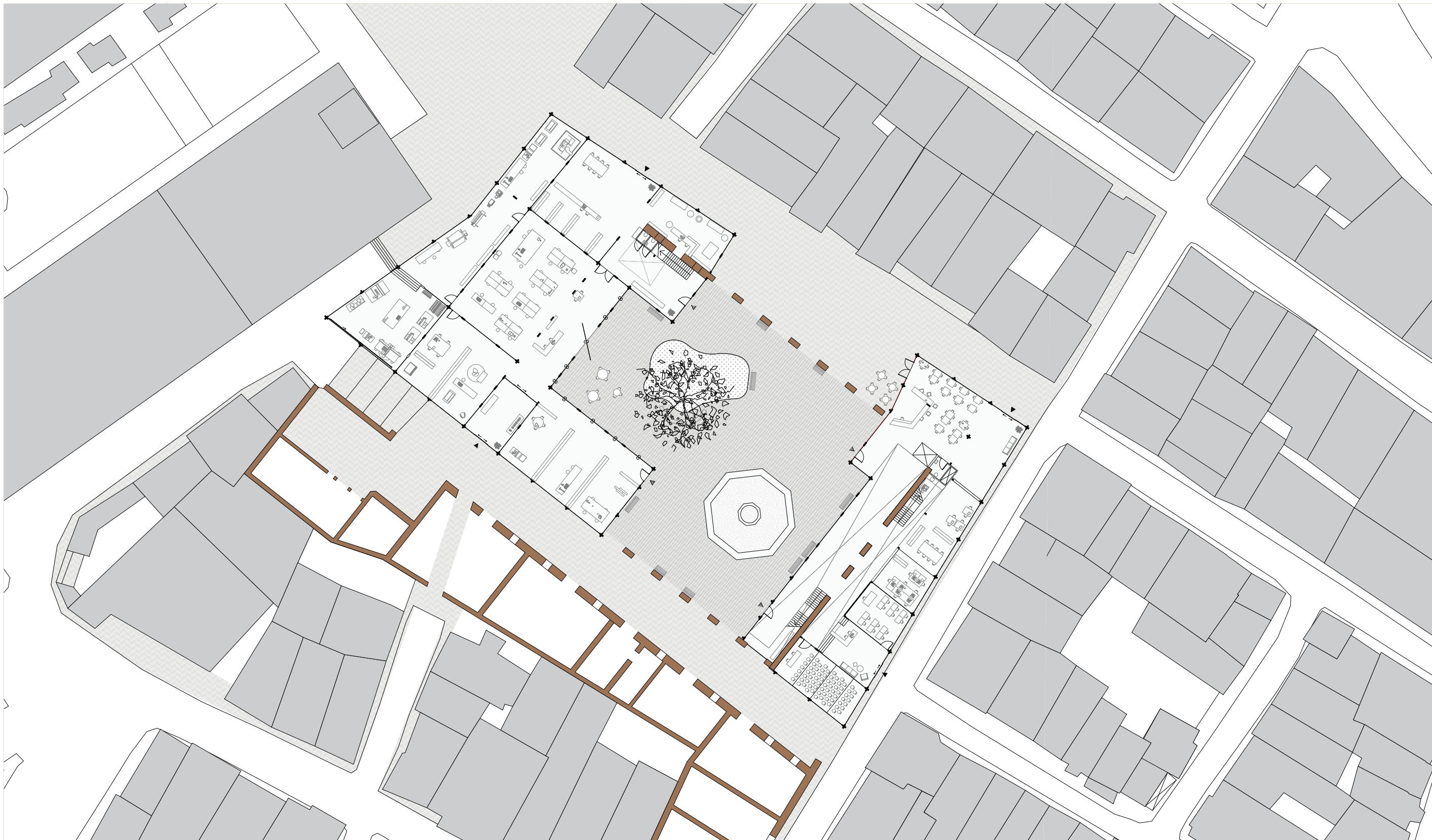
Outer facade following the urban fabric, inner court following the historic site

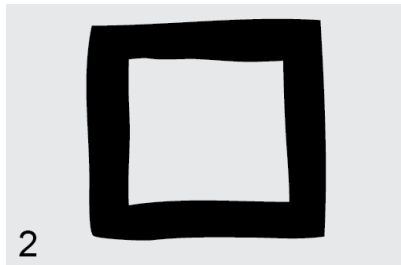




Inner vs. outer

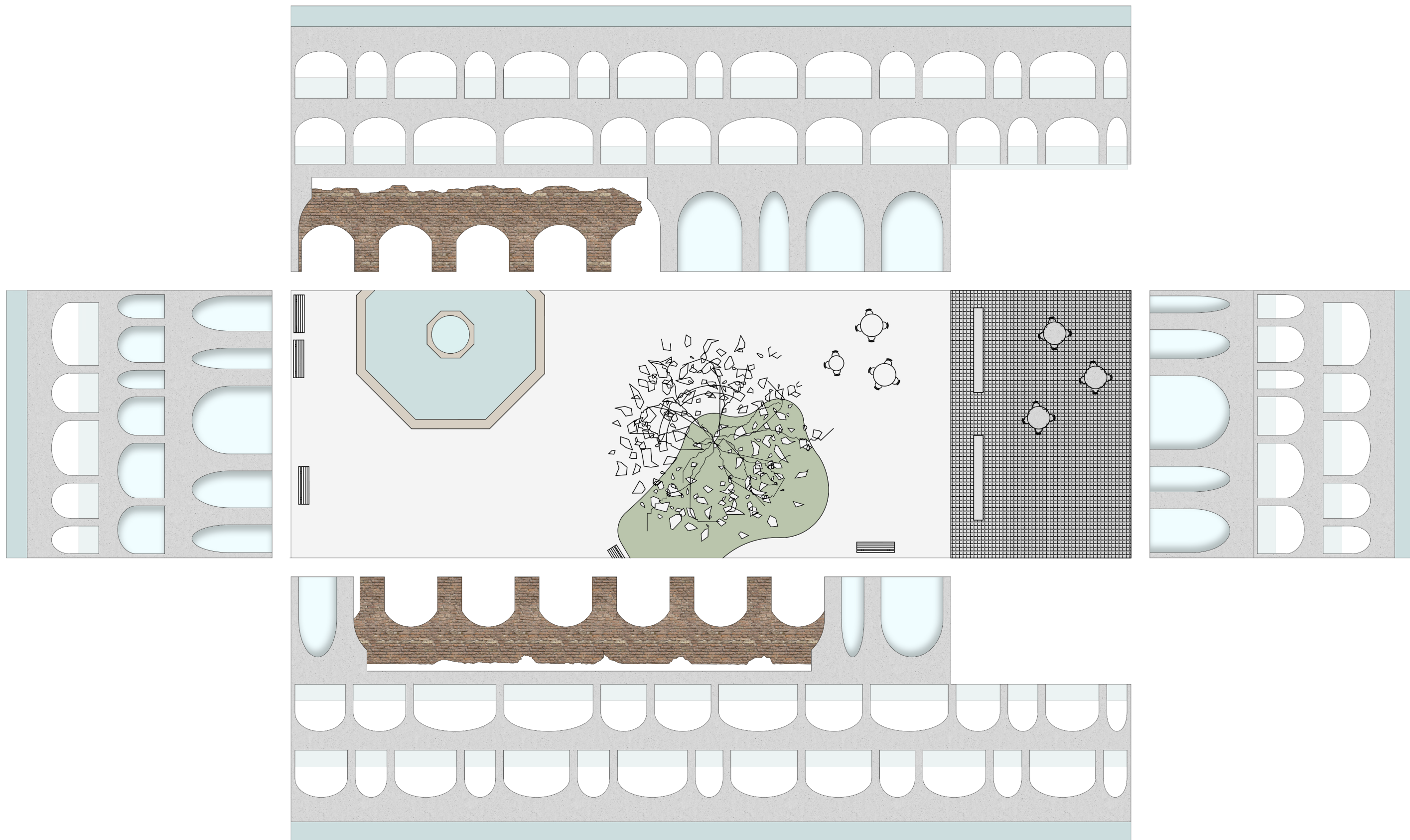
Crowded/fast vs. calm/slow

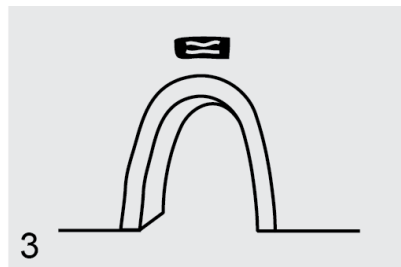




Inner vs. outer

Repetitive outside, tailored inside

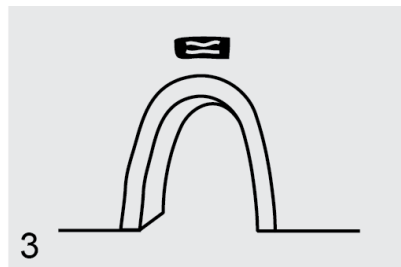




Access

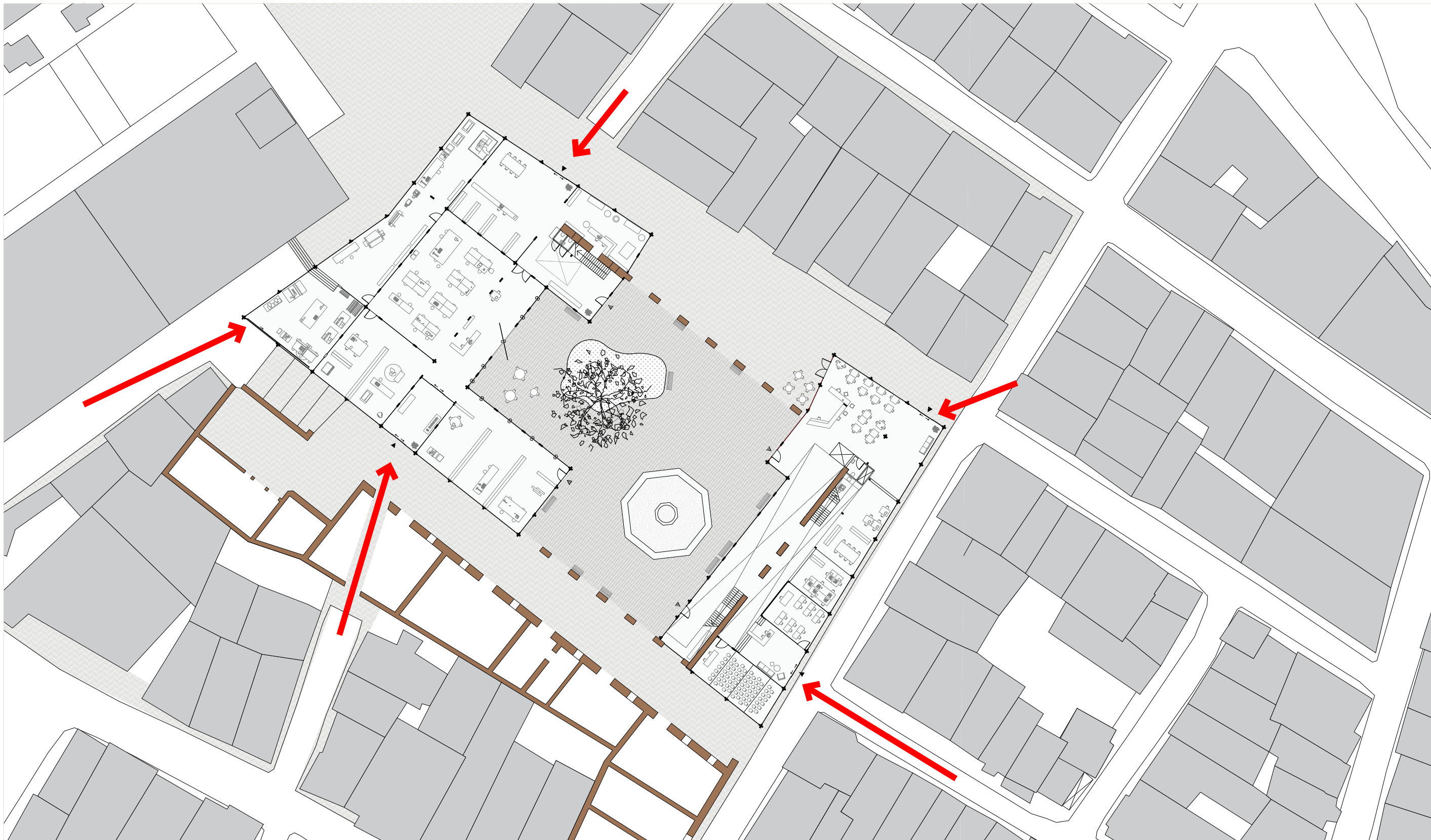
Public character, slightly hidden but emphasized

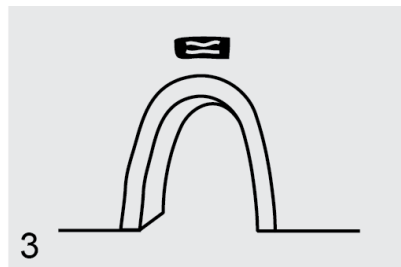




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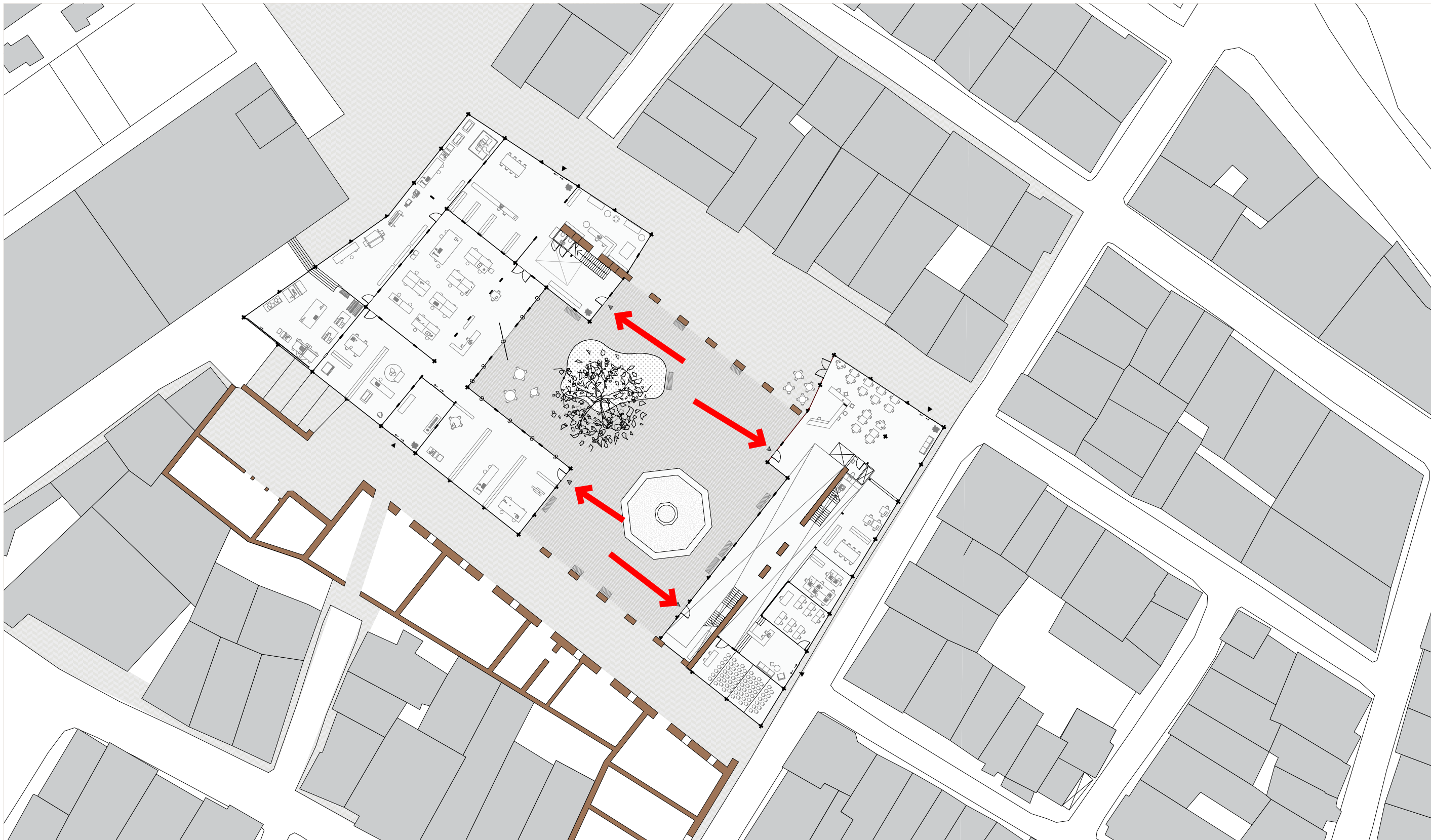
Public entrances towards the street

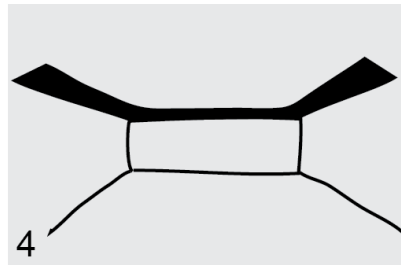




Access

'Local' entrances on the inside

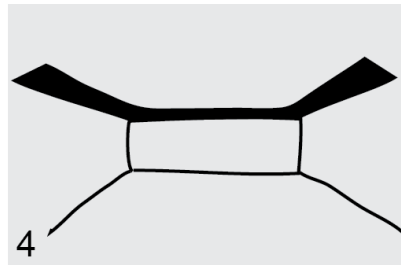




Galleries

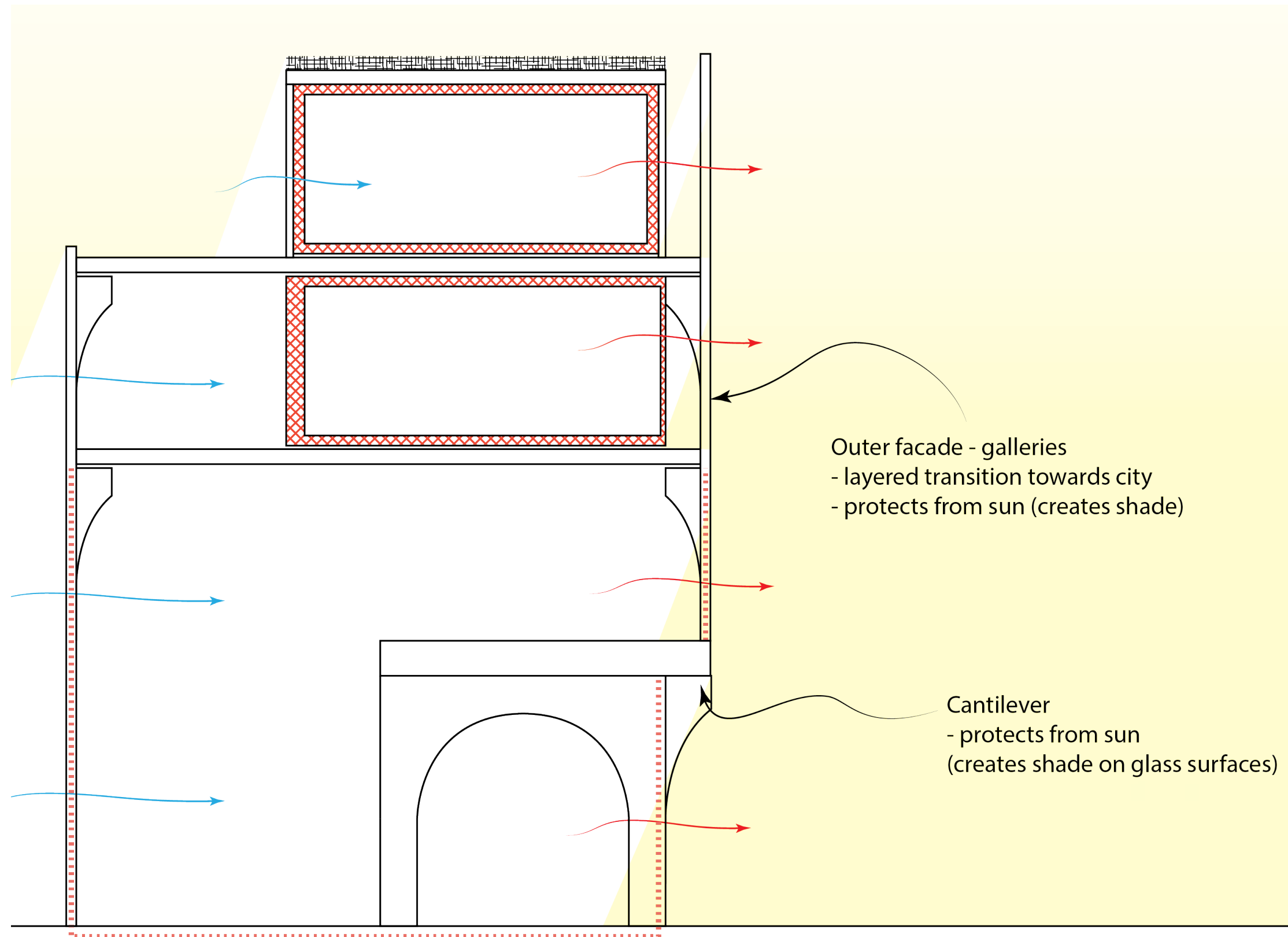
Covered walkways (comfort and coziness, behaaglijkheid)

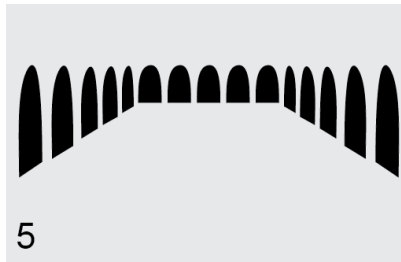




Galleries

Protection from rain and sun

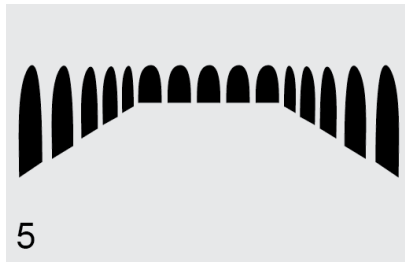




Arches

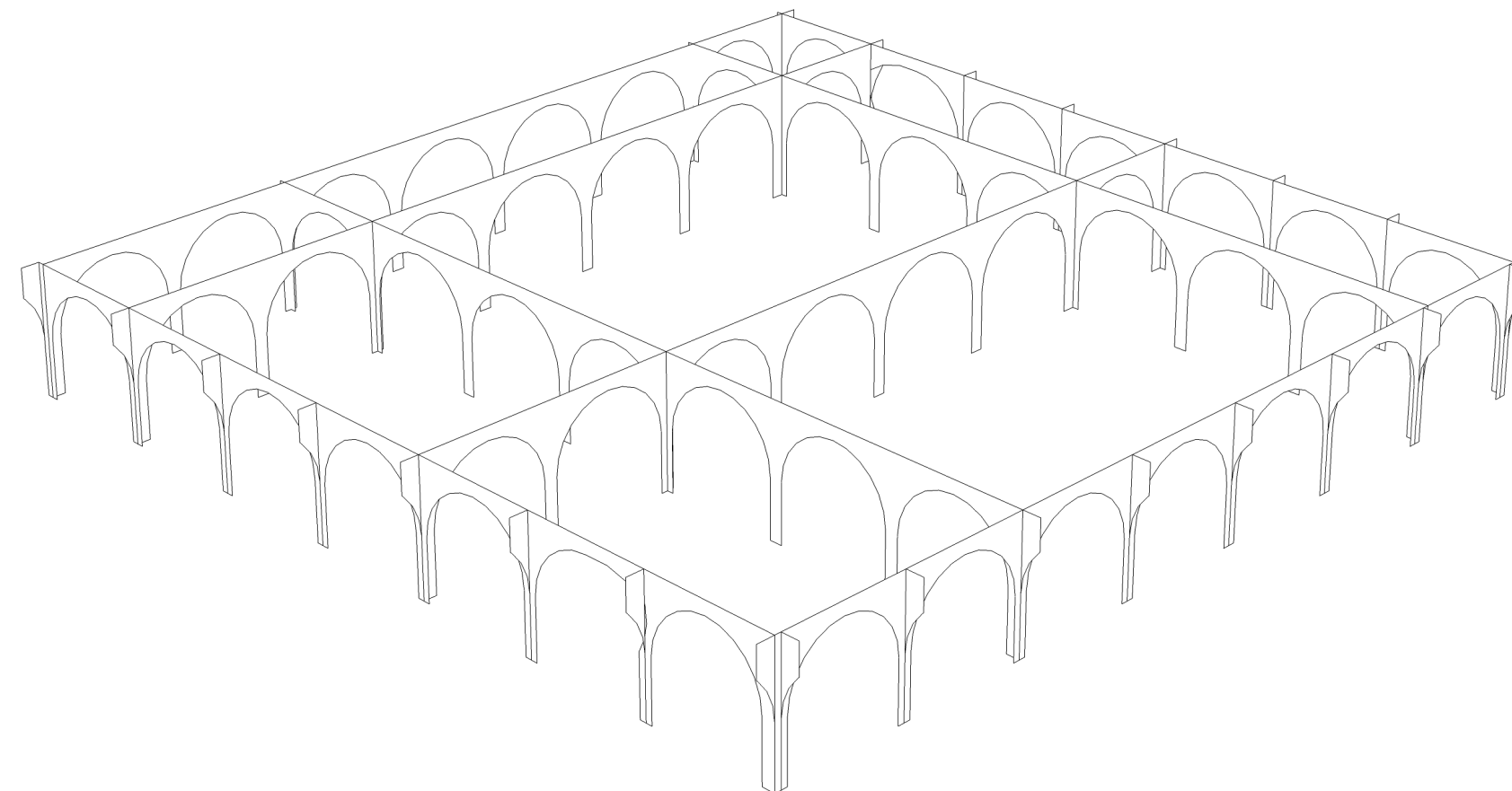
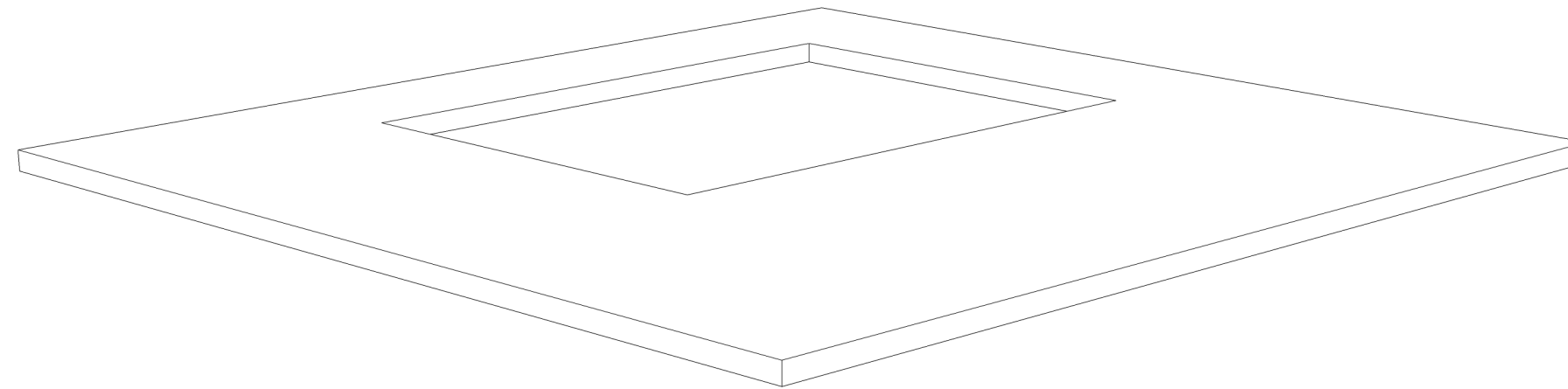
Homogeneous unity, openness vs closedness

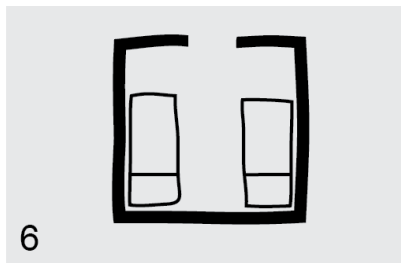




Arches

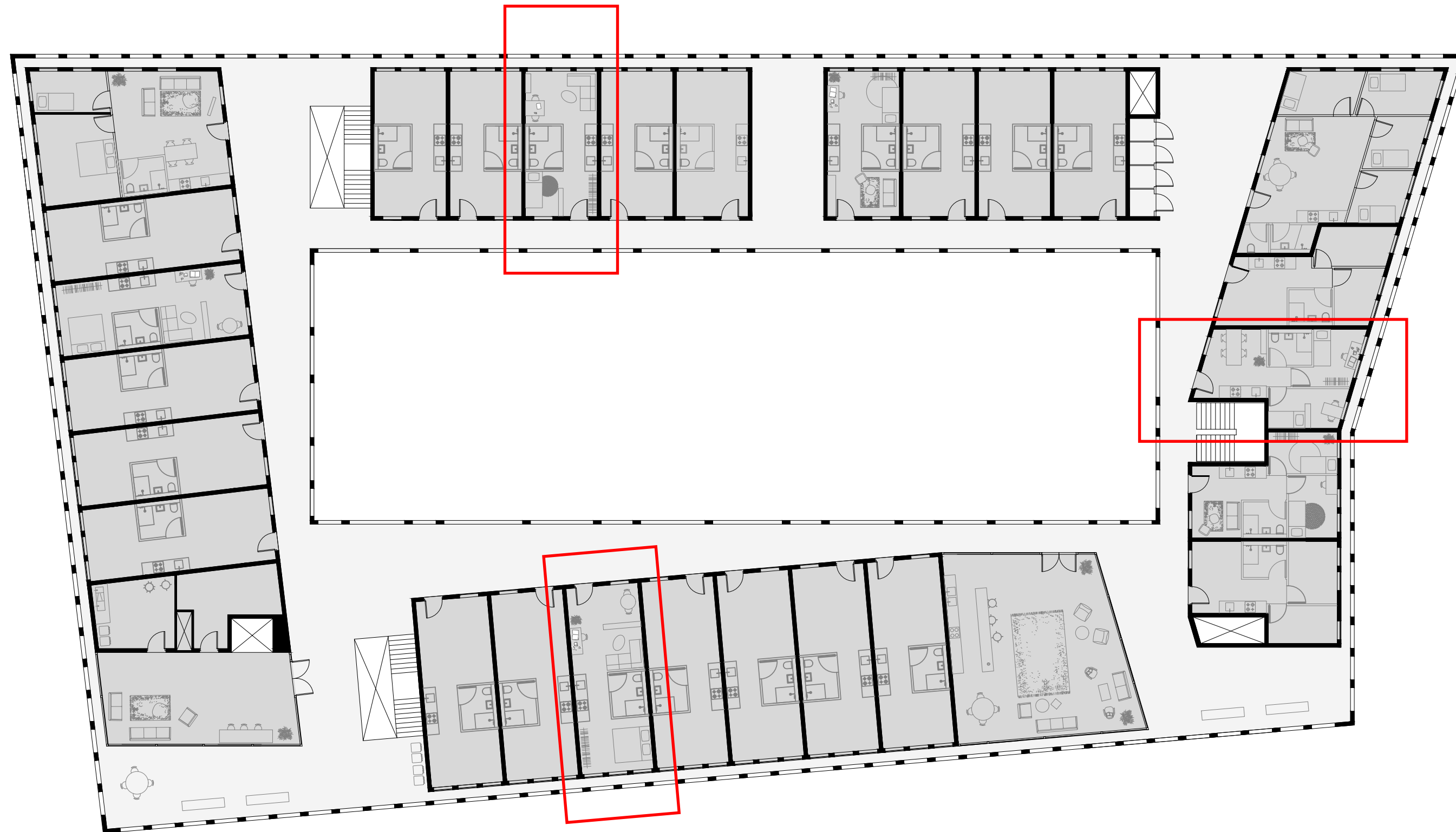
Structural quality

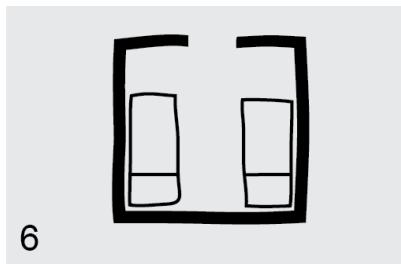




Room types

Equal but different: single, double, shared with 2,3 or 4

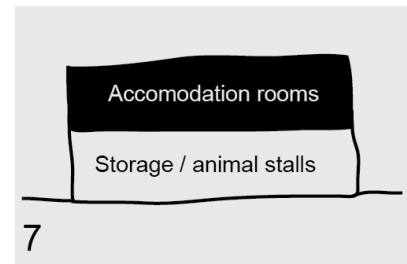




Room types

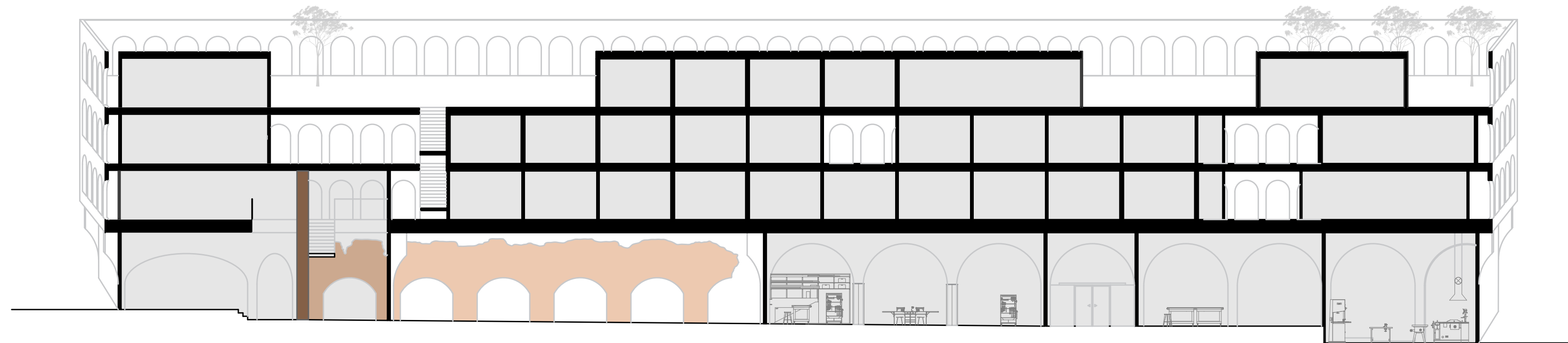
Communal spaces on every floor, a rooftop garden

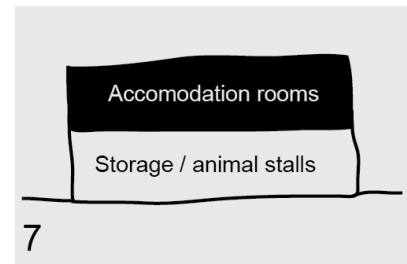




Division in floor levels

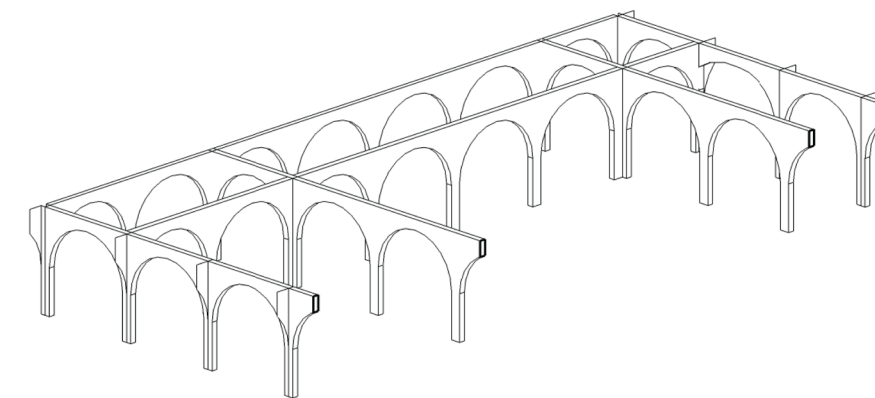
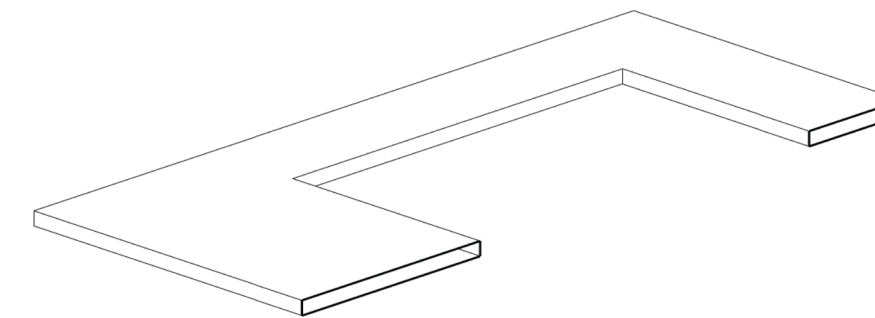
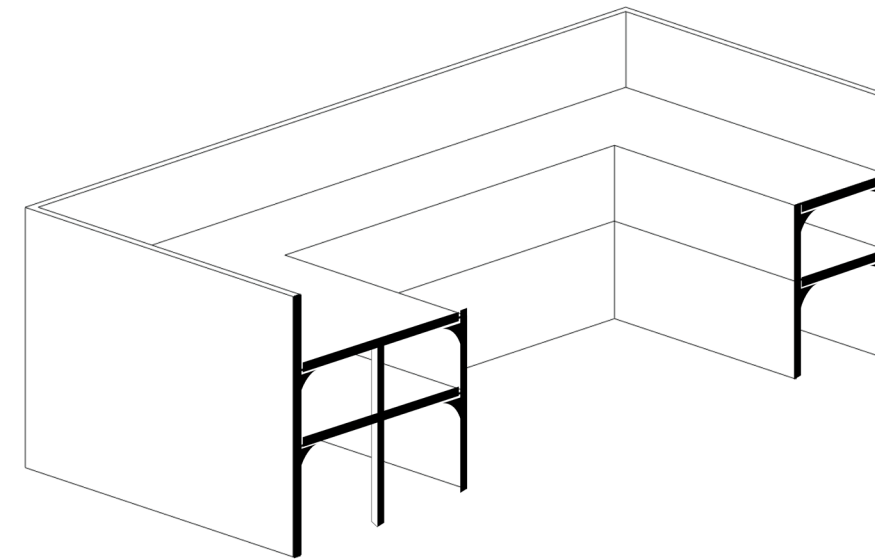
Public (open) vs. private (closed)

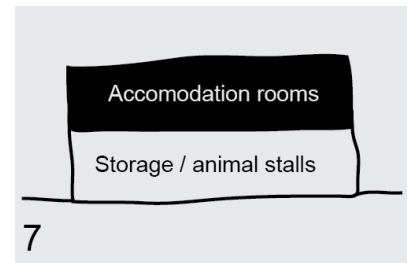




Division in floor levels

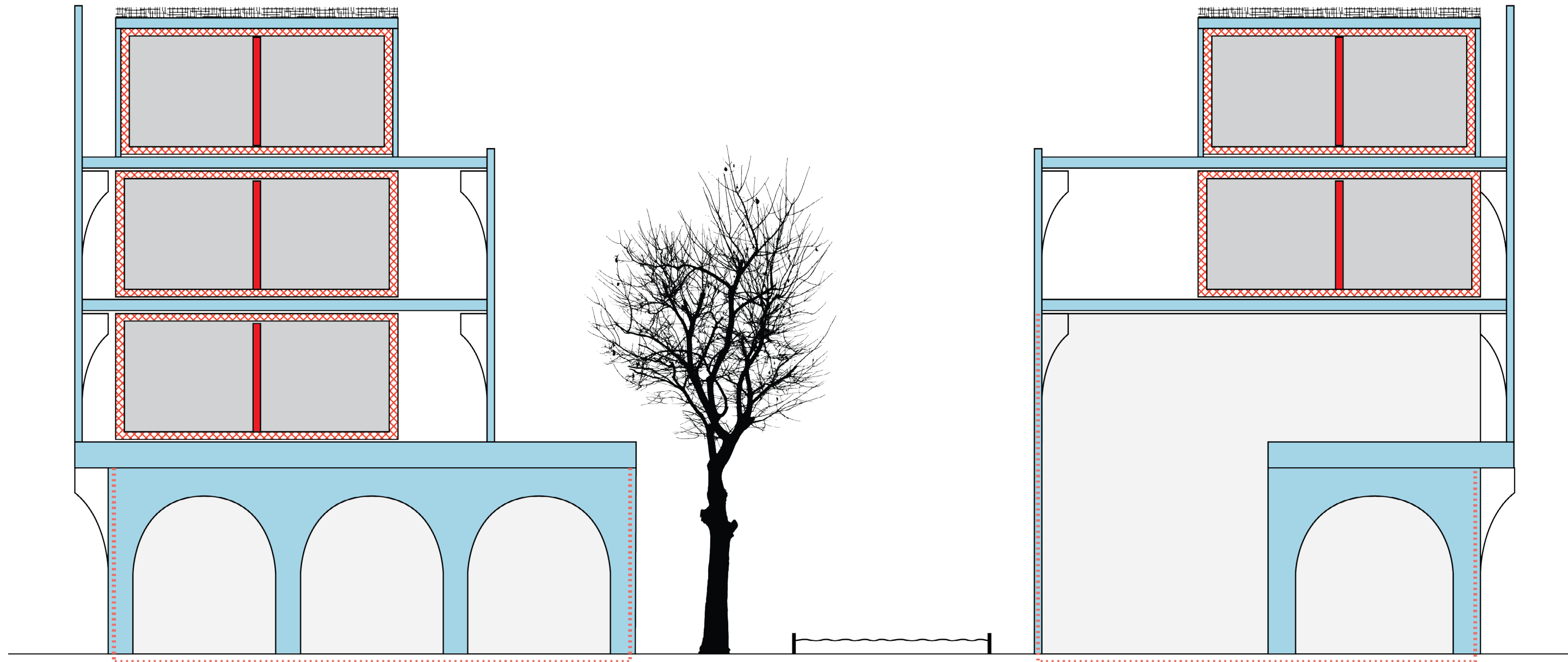
Constructional principle



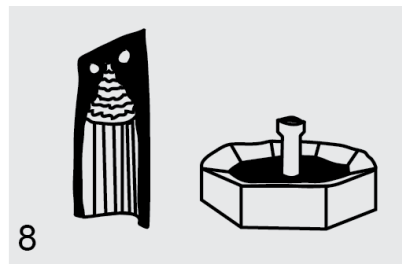


Division in floor levels

Non-climatized vs. climatized
Subclimate as an extension of public space

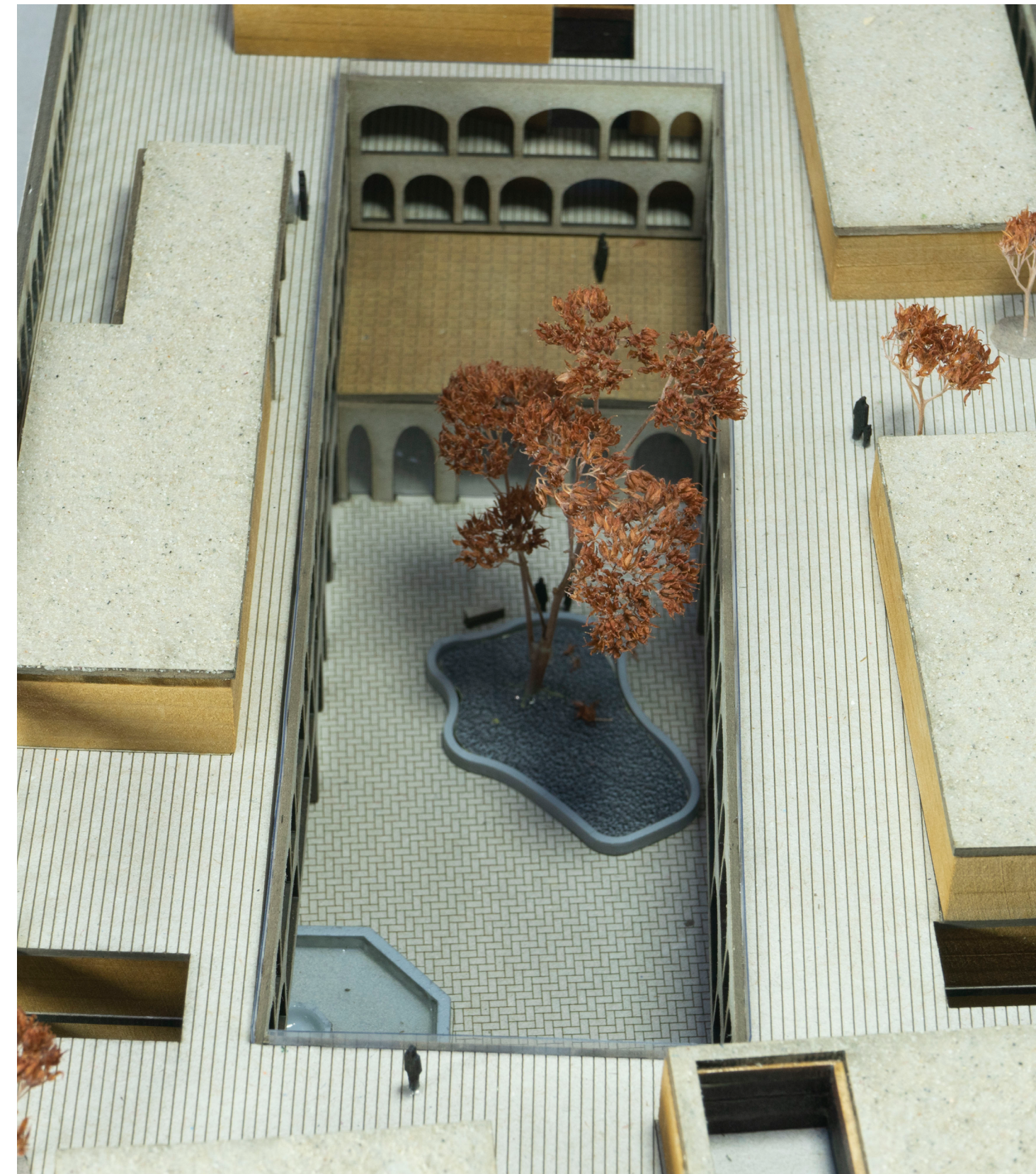
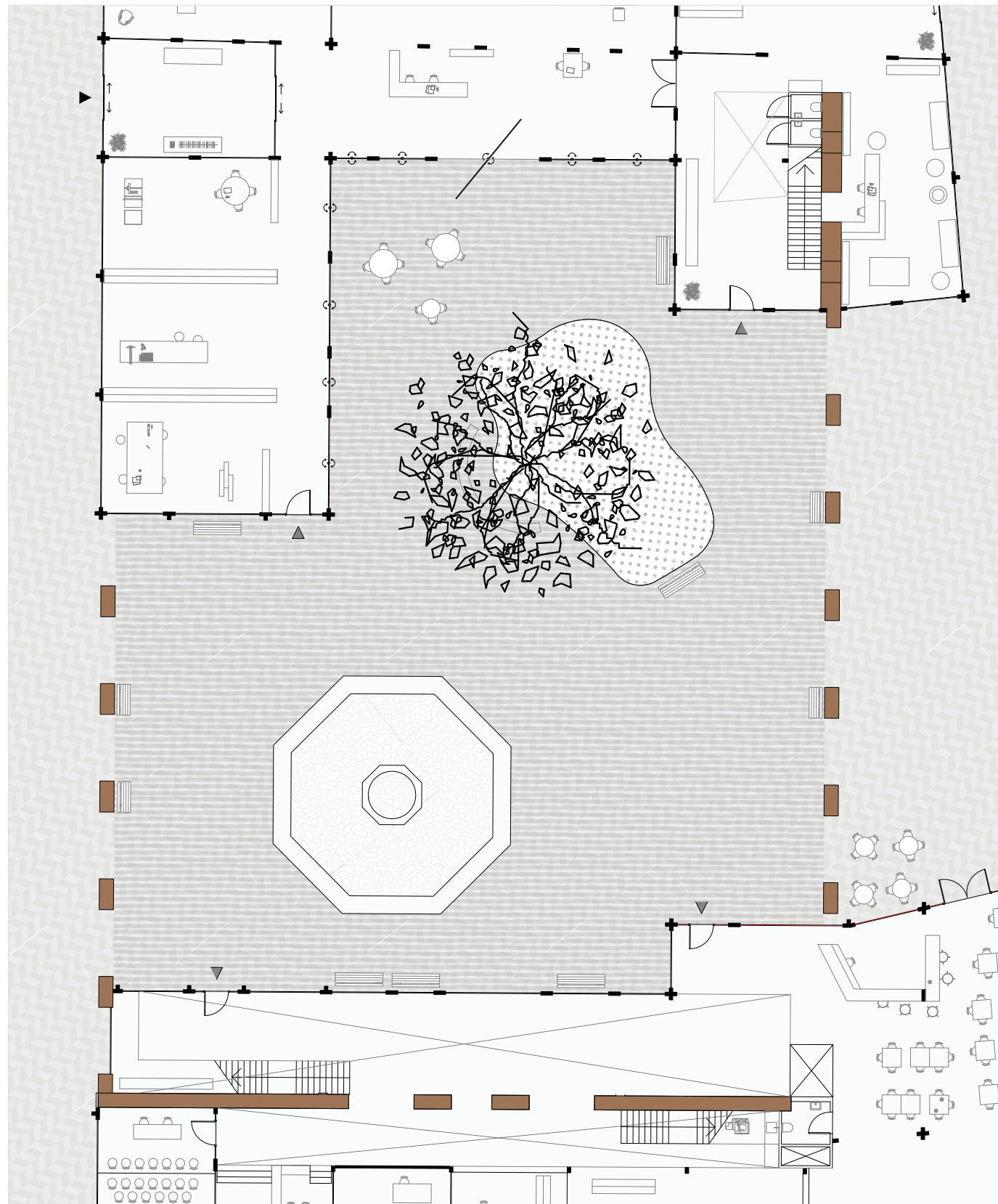


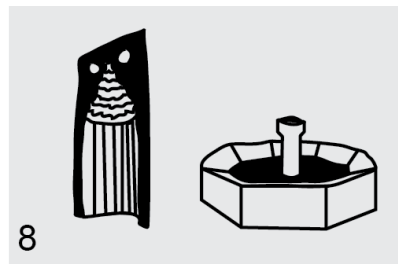
- Structure - outside thermal shell
- Structure - inside thermal shell
- Housing unit - climatized
- Public facilities - inside but not/limited climatized
- Outside - unclimatized



Centre elements

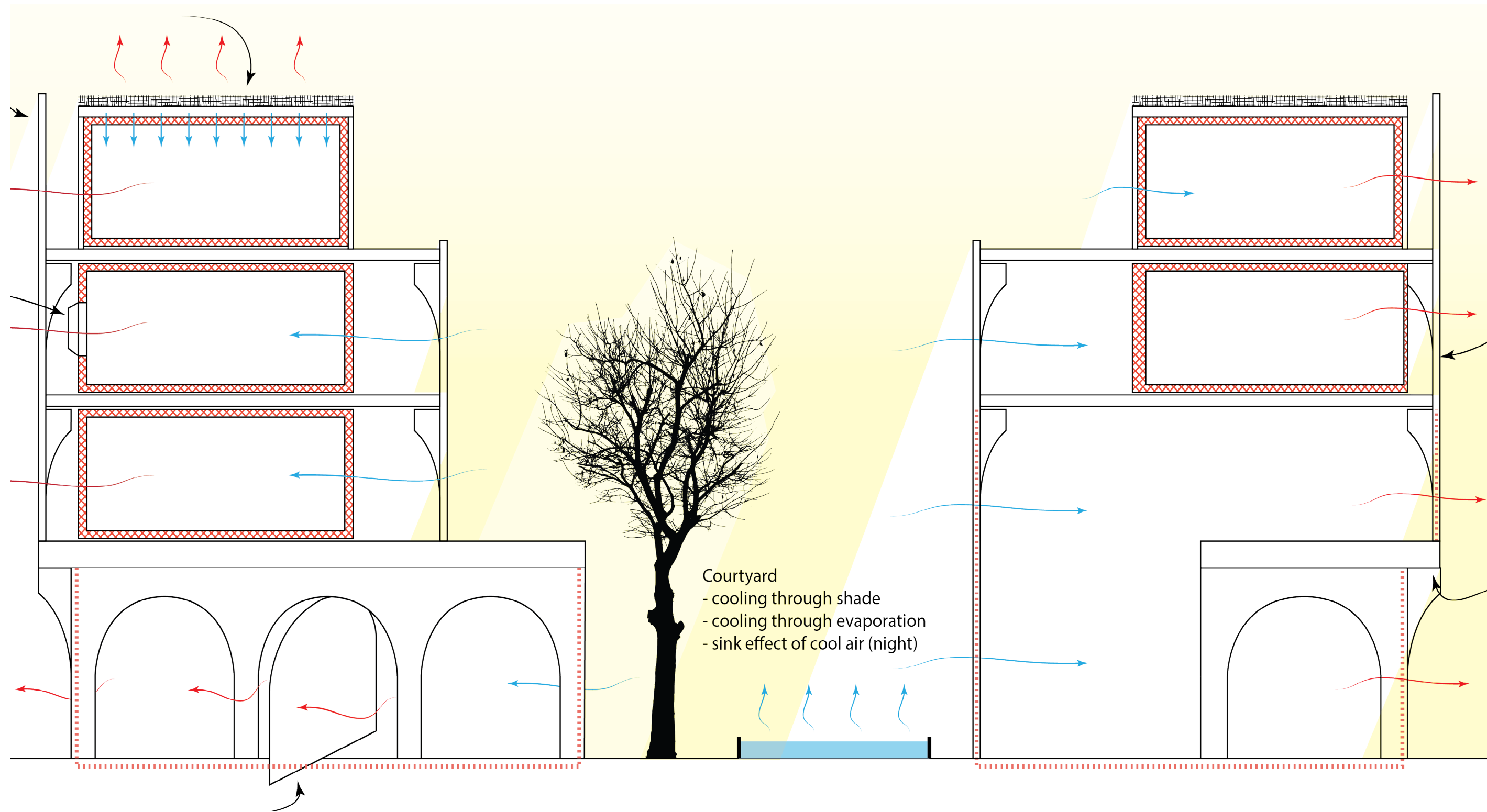
Public space





Centre elements

Shade and cooling





The contemporary khan

a housing and employment hub in Istanbul



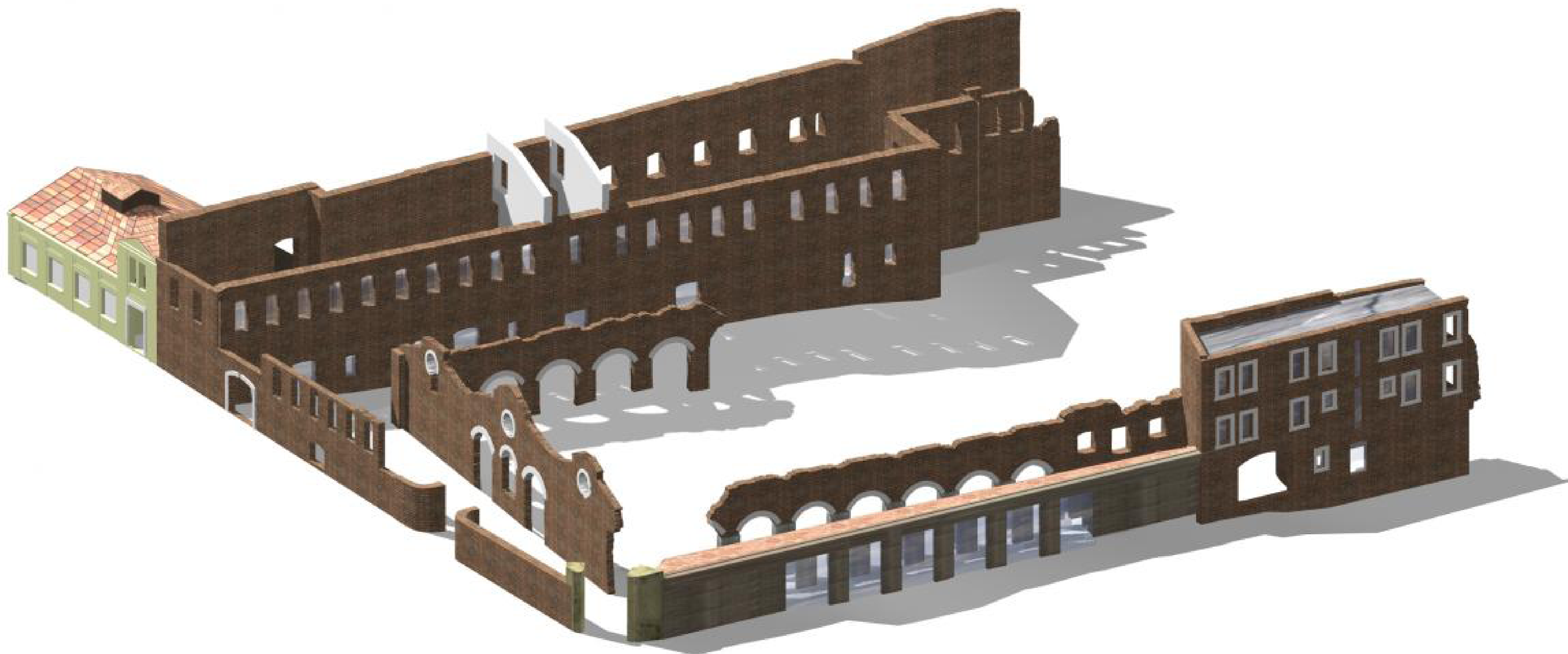














Architectural reinterpretation of the khan

