

# MAINTAINING MIXED NEIGHBOURHOODS

Fatih plateau: The completed nucleus







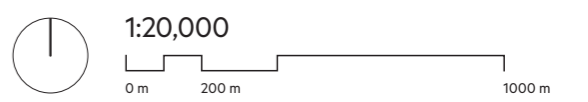
DEDE CAFE

DETERIORATED BUILDING STOCK

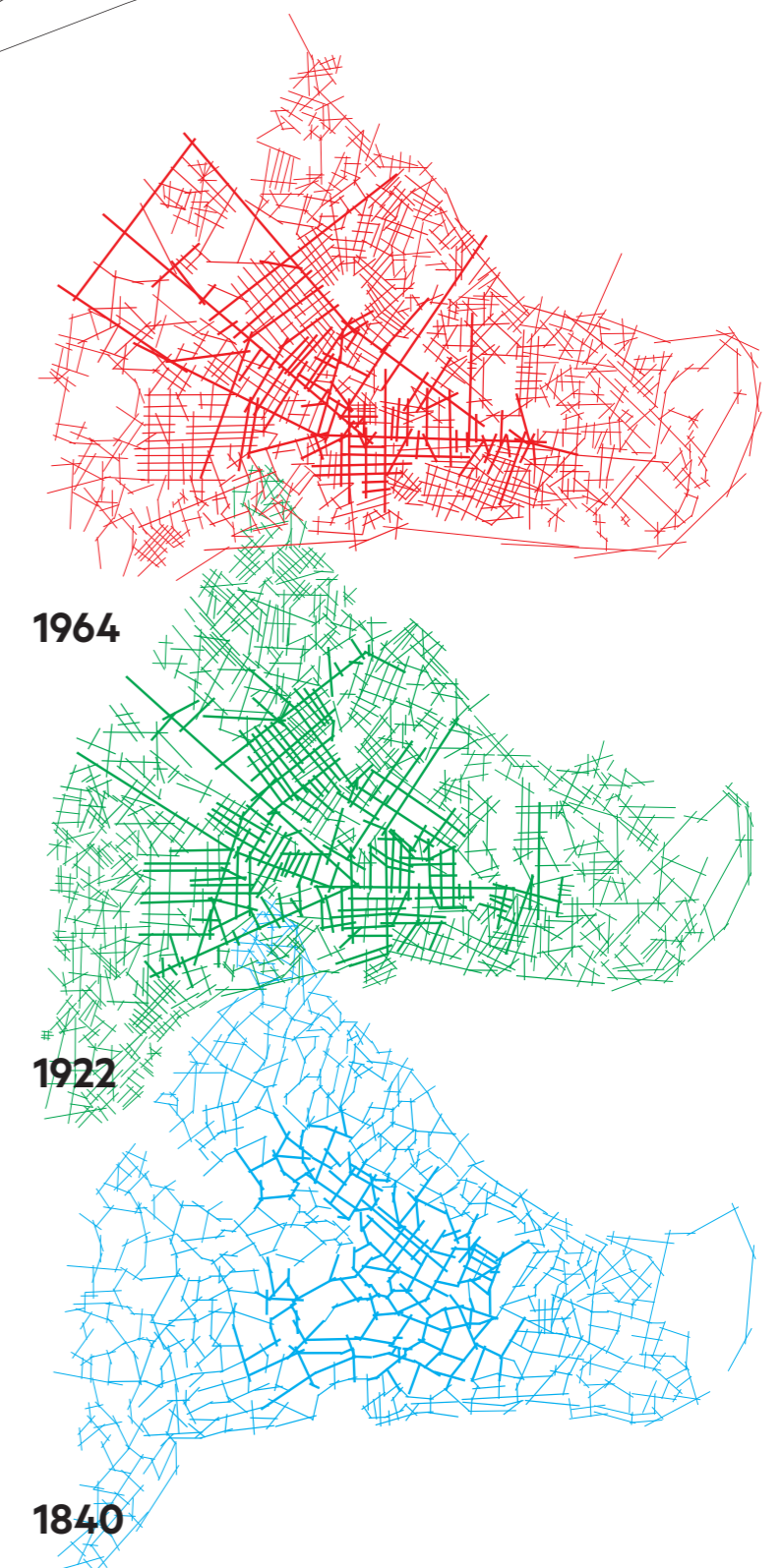




 Largely subsisting area  
 Partially subsisting area










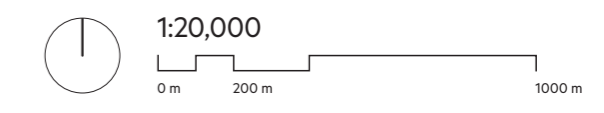
1964

1922

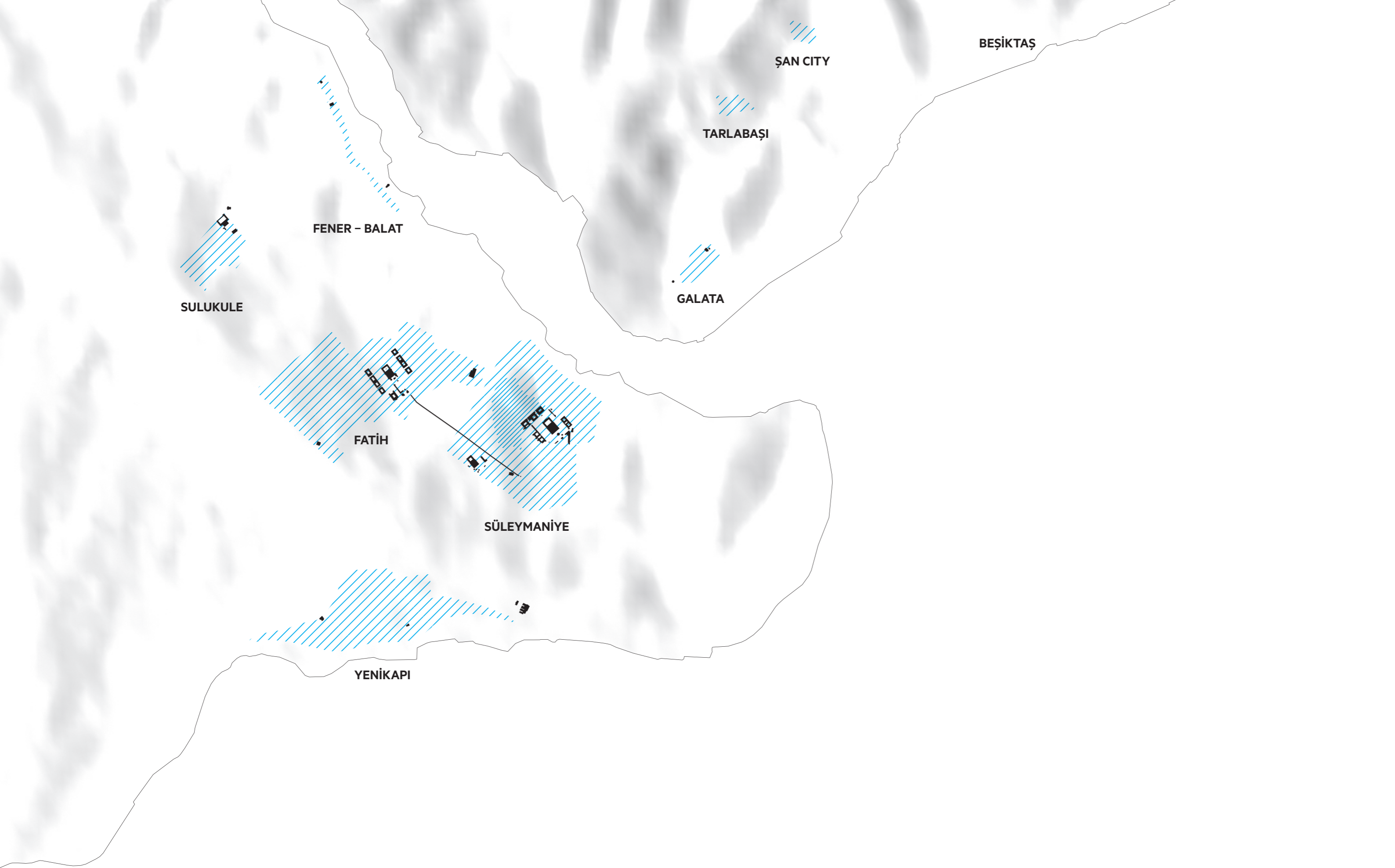
1840

-  Persisting from 1840
-  Persisting from 1922
-  City fabric today

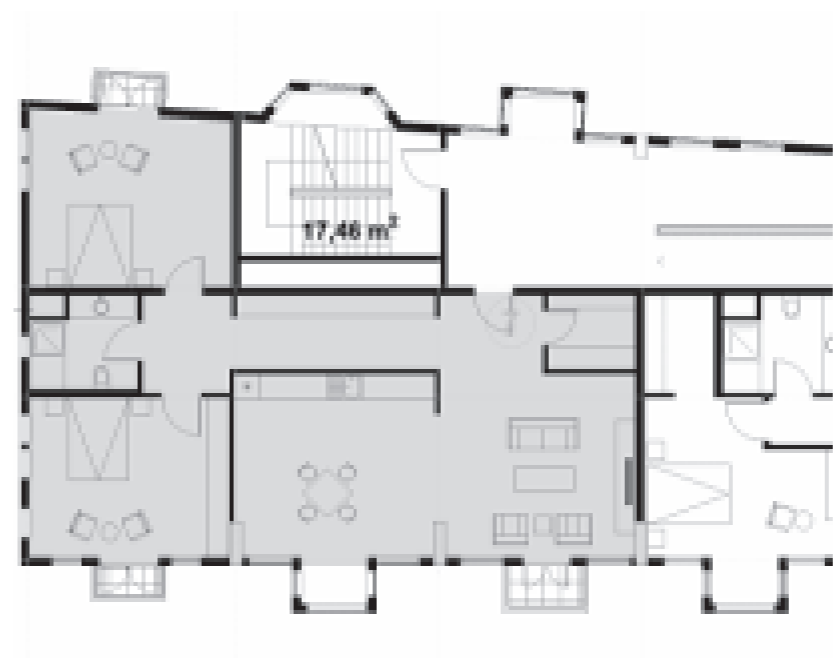
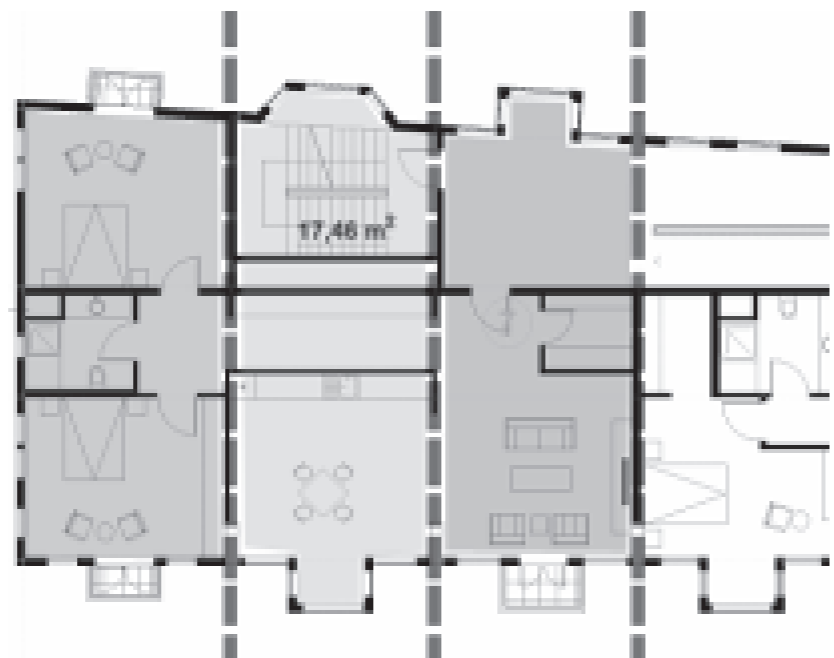
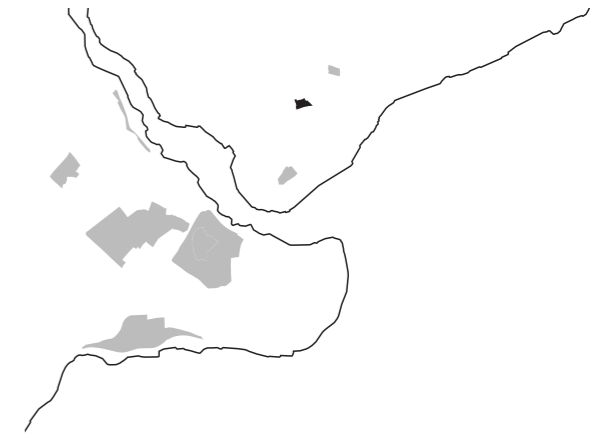
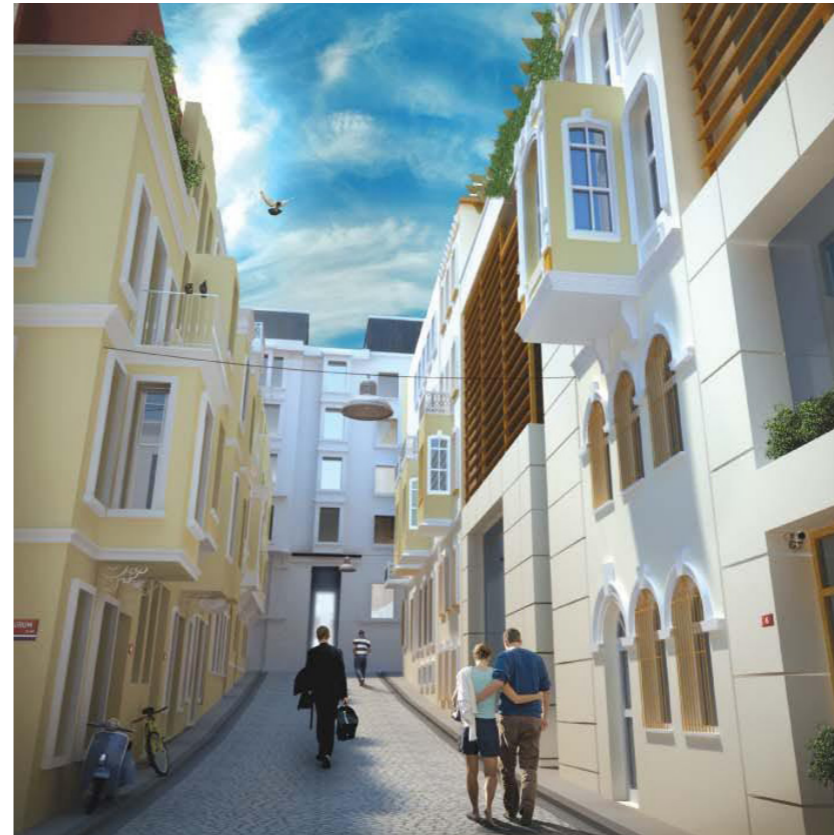
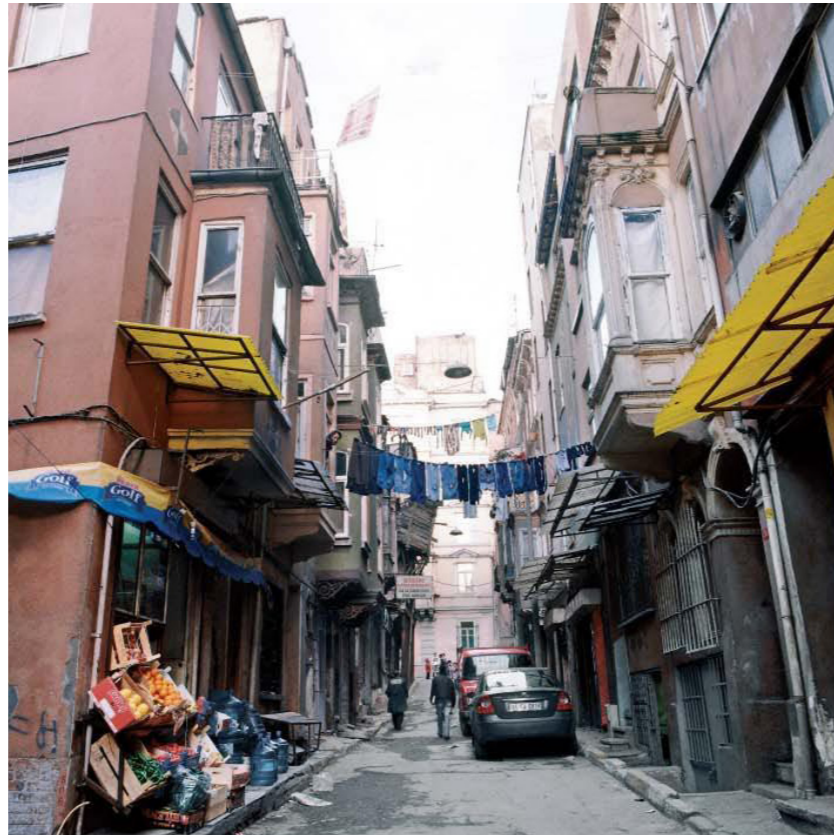
**ANCIENT ARTERIES**  
A-temporal connections



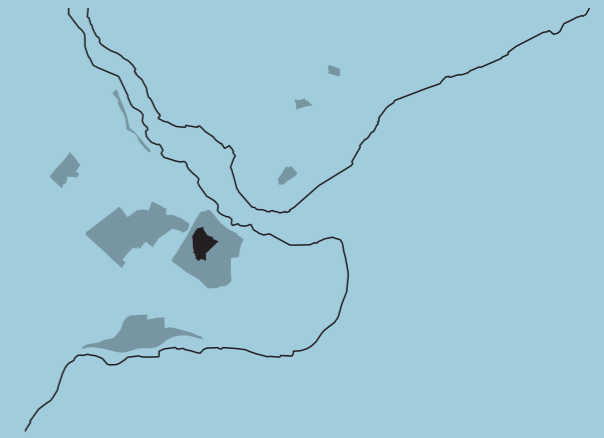




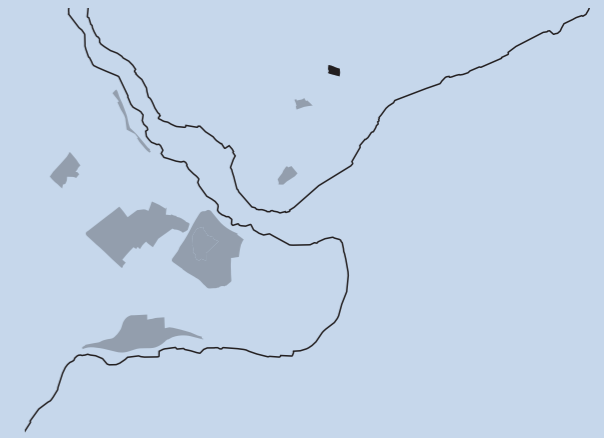








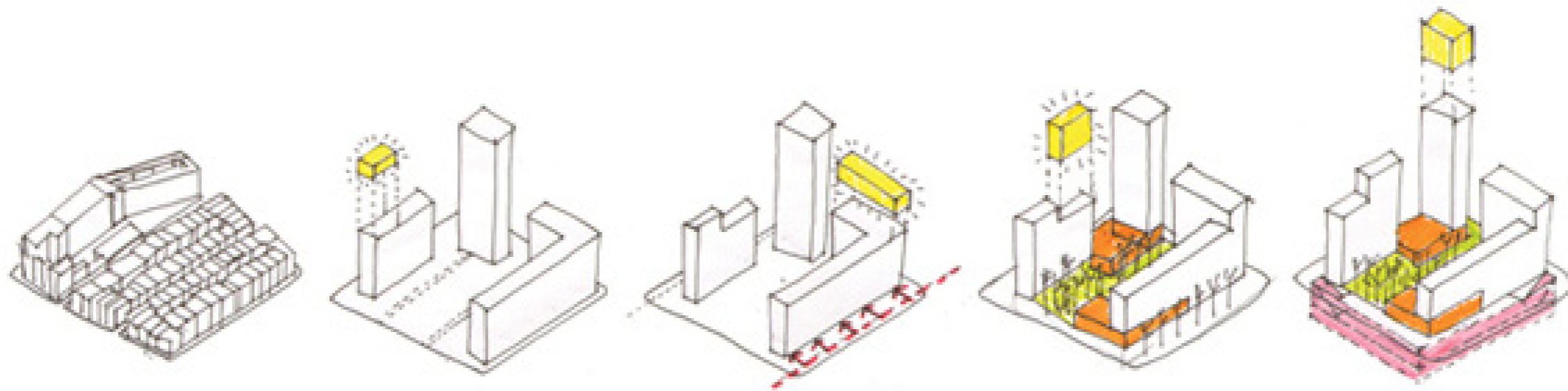












**Existing**

**Merging bonus**

**Street widening bonus**

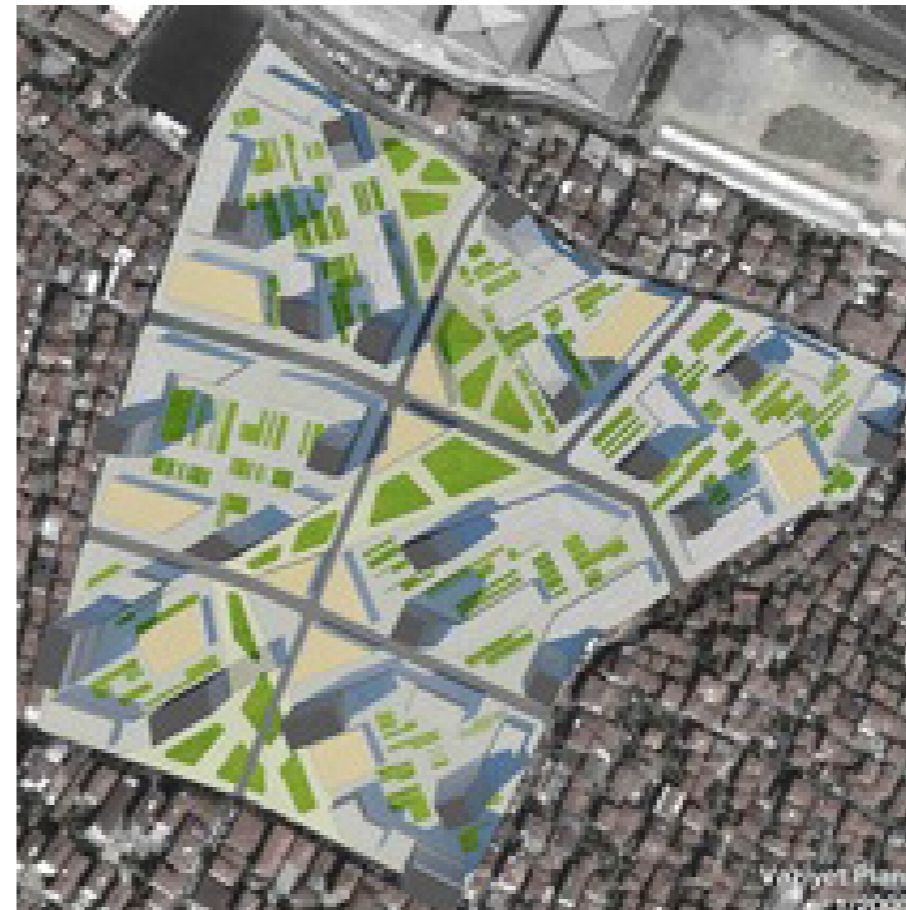
**Public space bonus**

**Parking bonus**

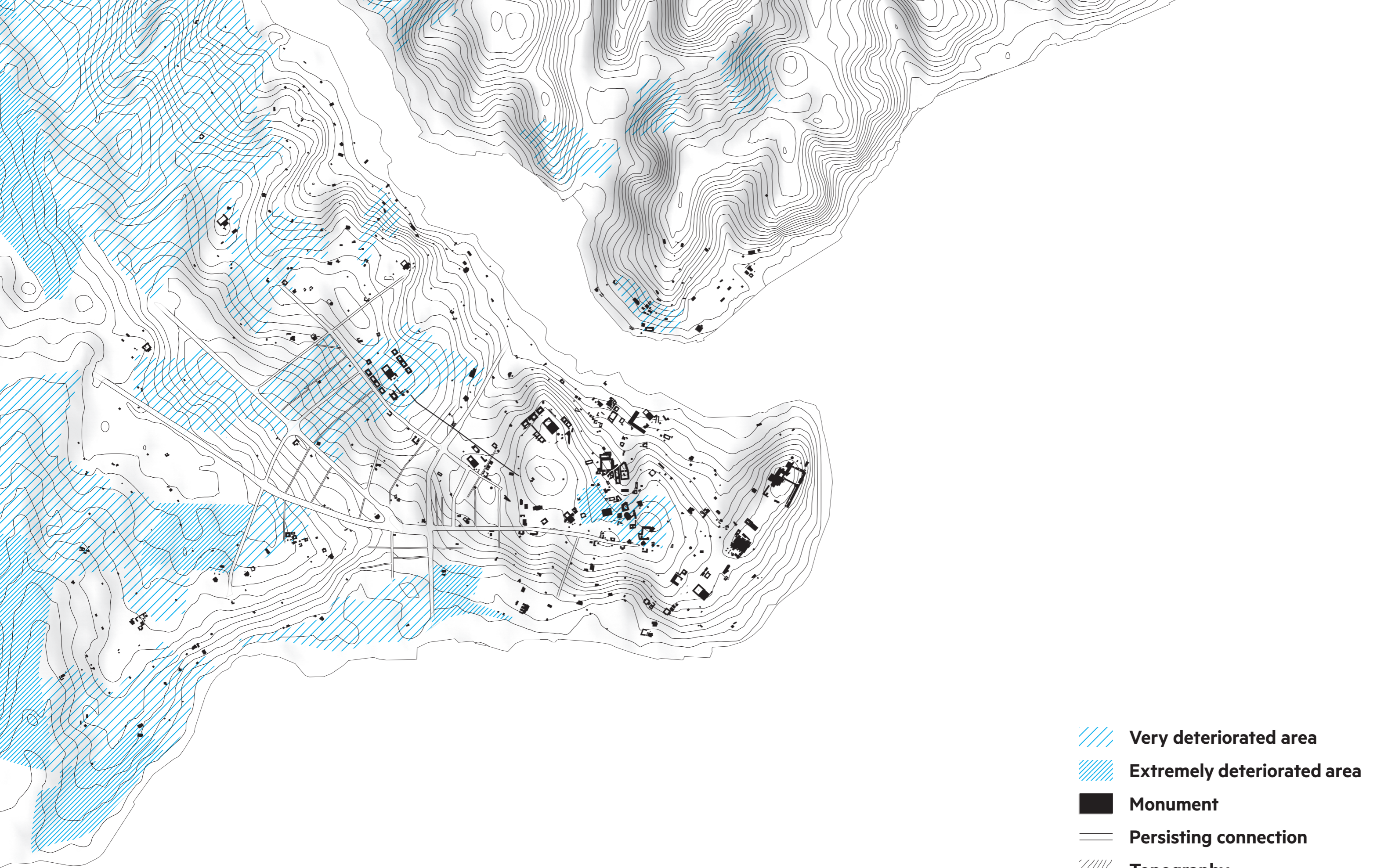
**REGENERATION COEFFICIENT**






Existing developed area	+	Merging bonus (2%) Street widening bonus (3%) Public space bonus (4%) Parking bonus (5%)	×	Building block merging coefficient (1, 2, 3)
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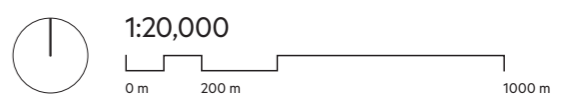






-  **Very deteriorated area**
-  **Extremely deteriorated area**
-  **Monument**
-  **Persisting connection**
-  **Topography**

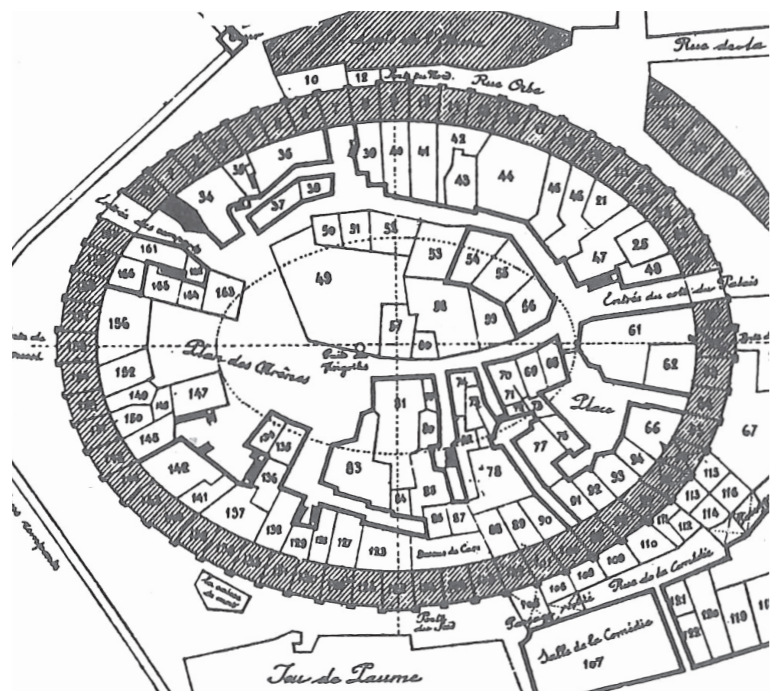
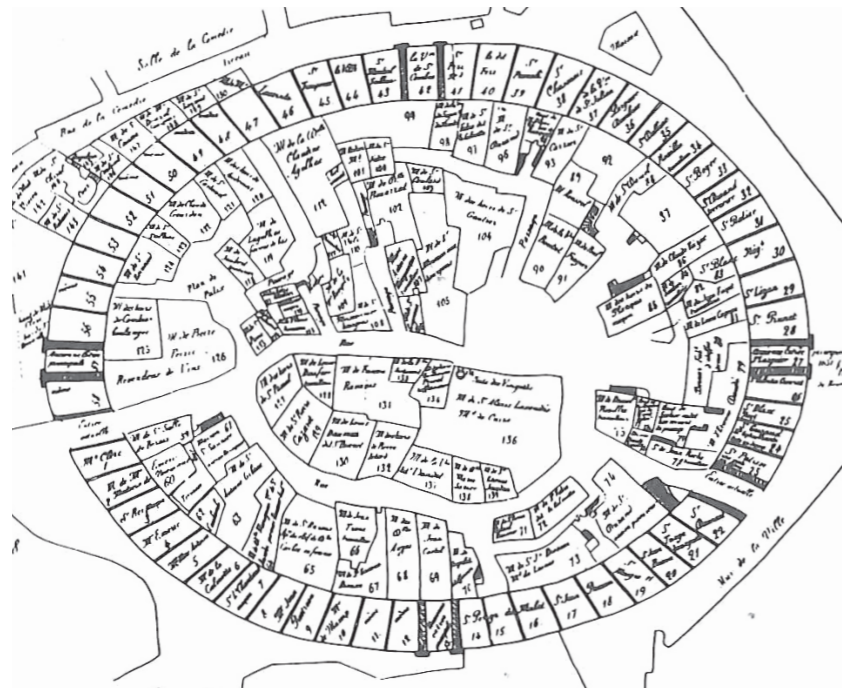
**NETWORK OF REPAIR**





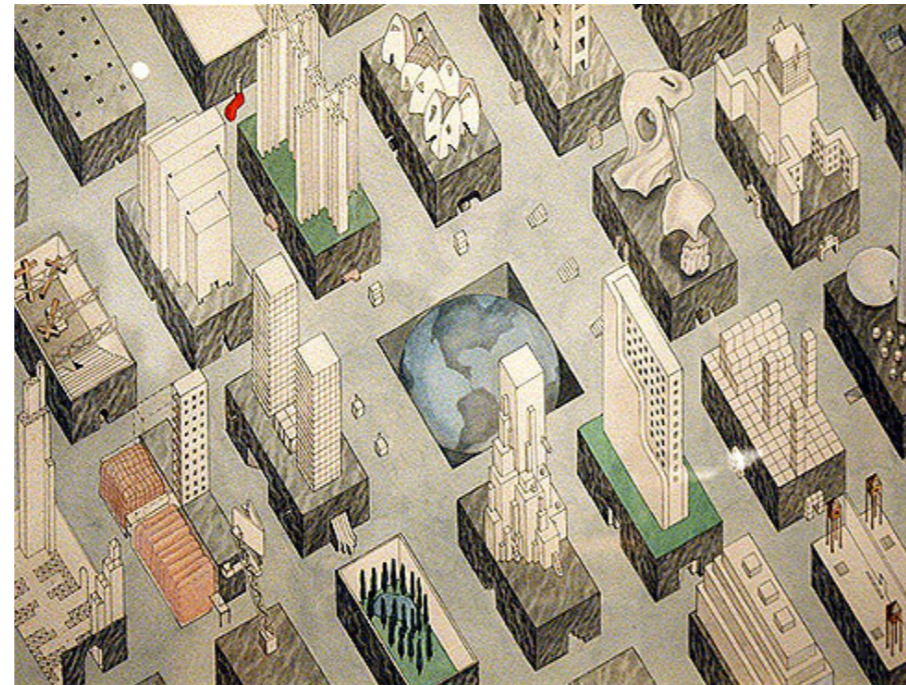
**INCORPORATION**  
or enclosure

Accretion around  
intensified nucleus



**MIRROR**  
or juxtaposition (dialogue)

Pluralistic society/mixed life



**NEGATIVE**  
or cancellation, counter form,  
complement, dichotomy

Completing the nuclei

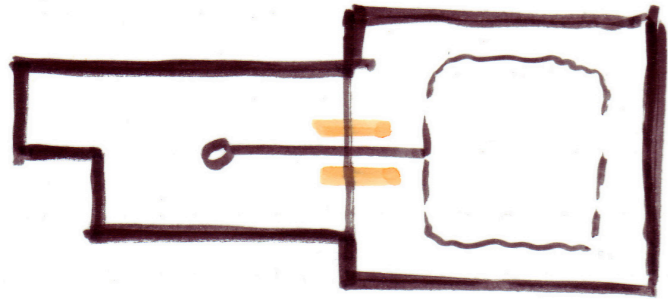


**STRATEGY**



**INCORPORATION**  
or enclosure

Accretion around  
intensified nucleus



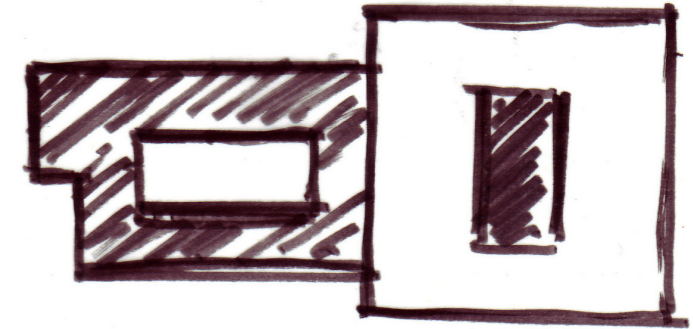
**MIRROR**  
or juxtaposition (dialogue)

Pluralistic society/mixed life

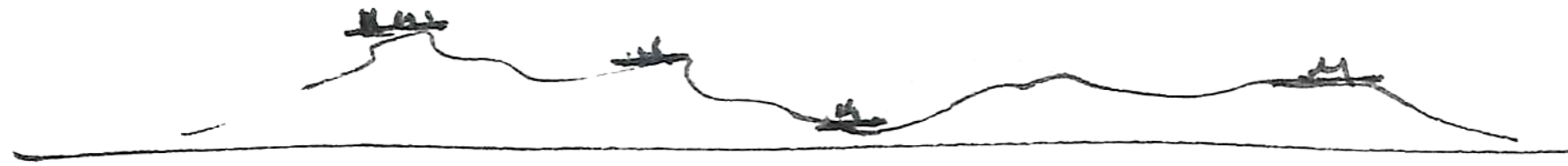


**NEGATIVE**  
or cancellation, counter form,  
complement, dichotomy

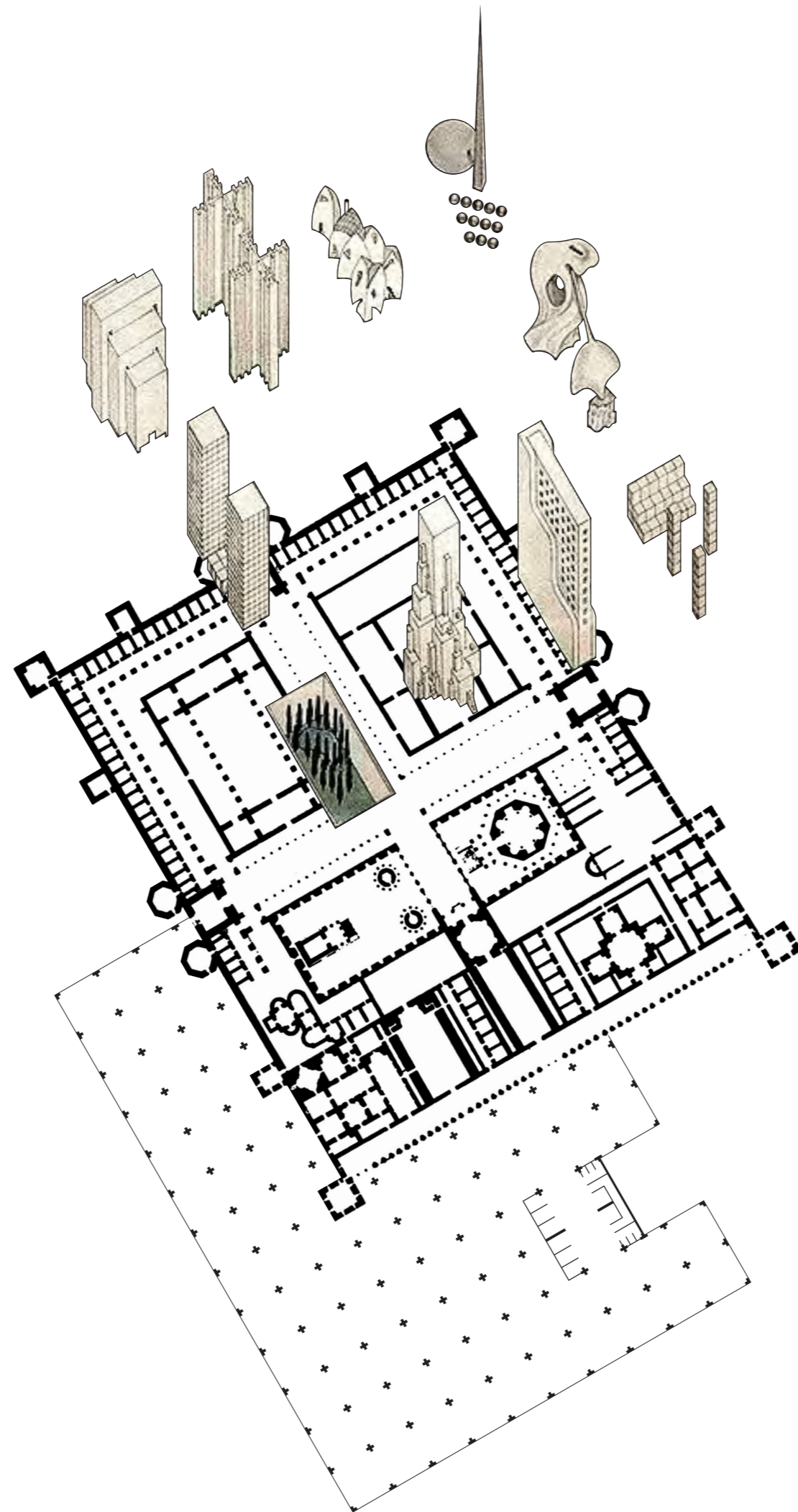
New kind of collective  
open space in Istanbul

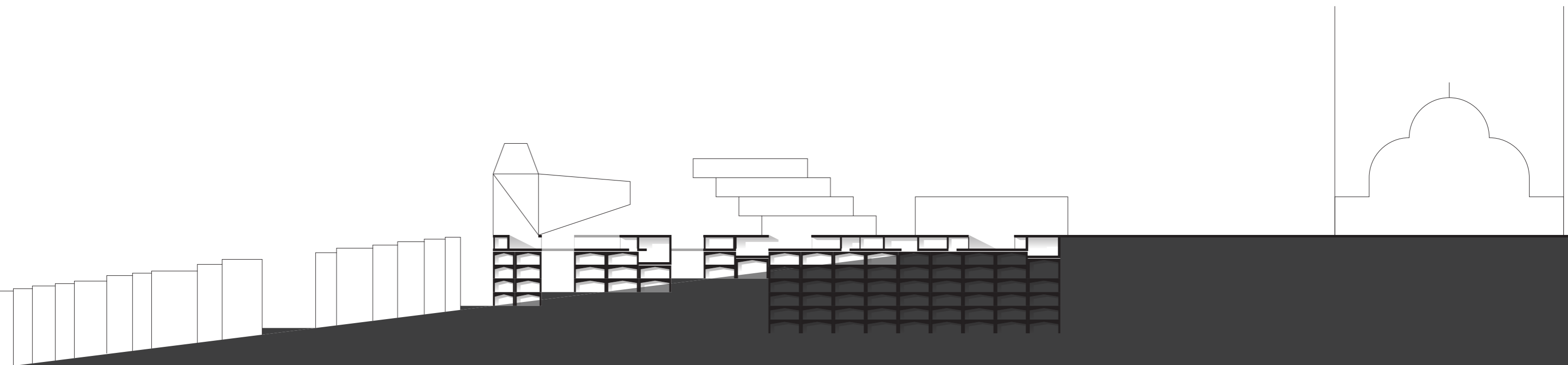




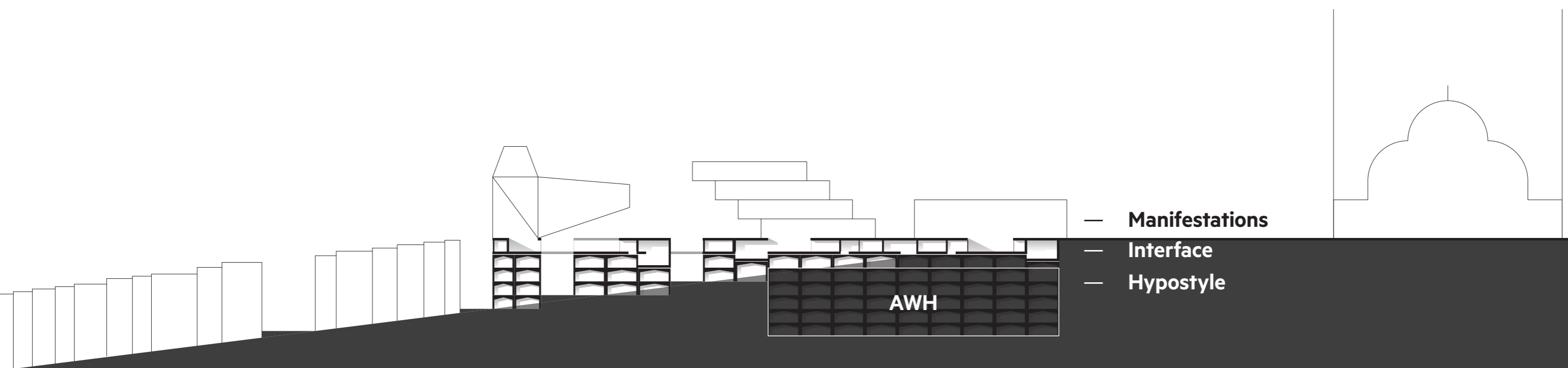












- Manifestations
- Interface
- Hypostyle

AWH

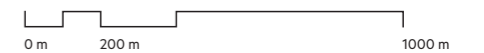




LOCATION WITHIN THE CITY



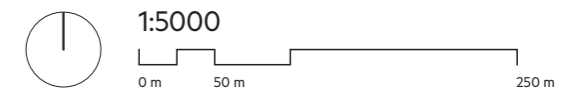
1:20,000



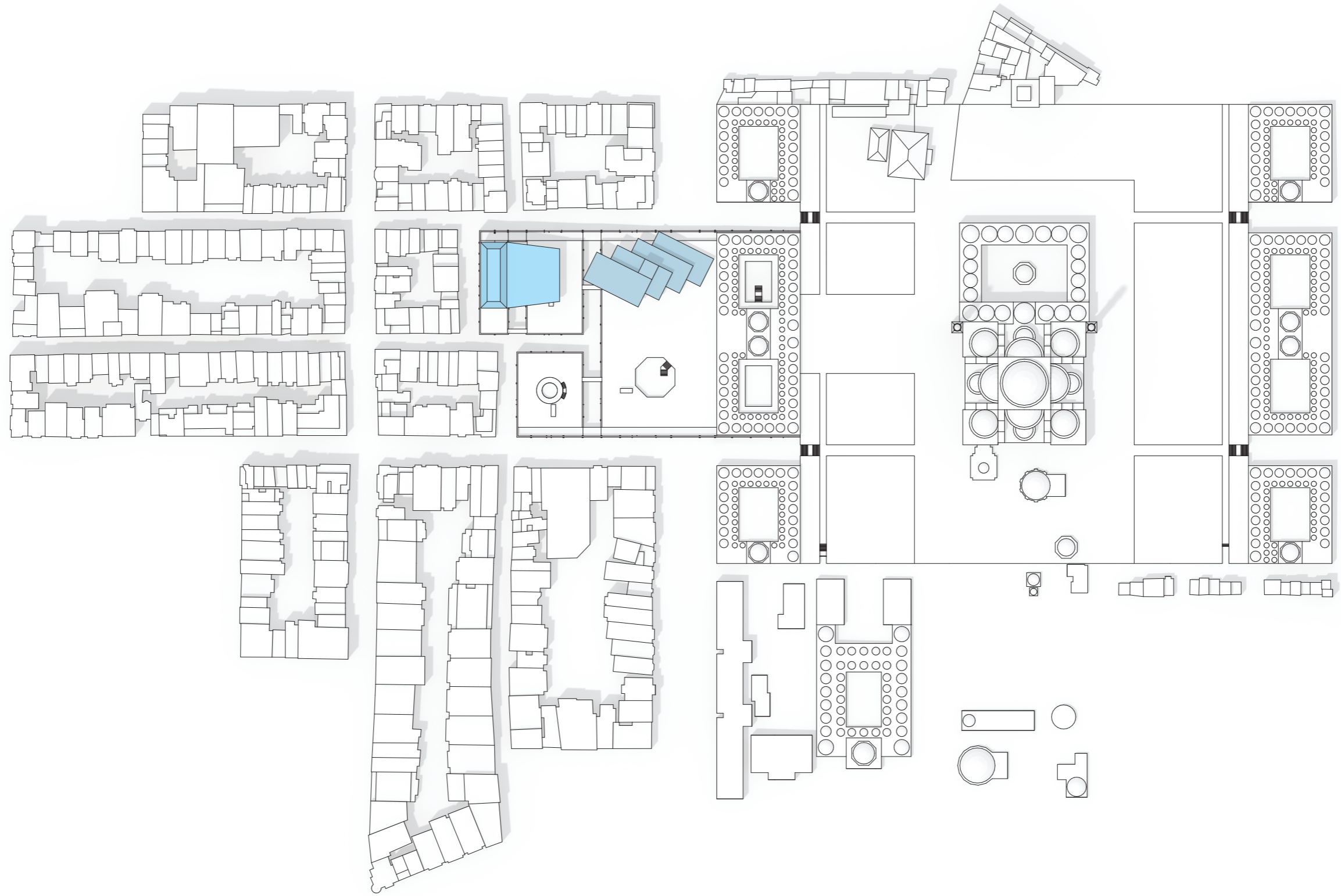




SITE NEAR FATİH MOSQUE

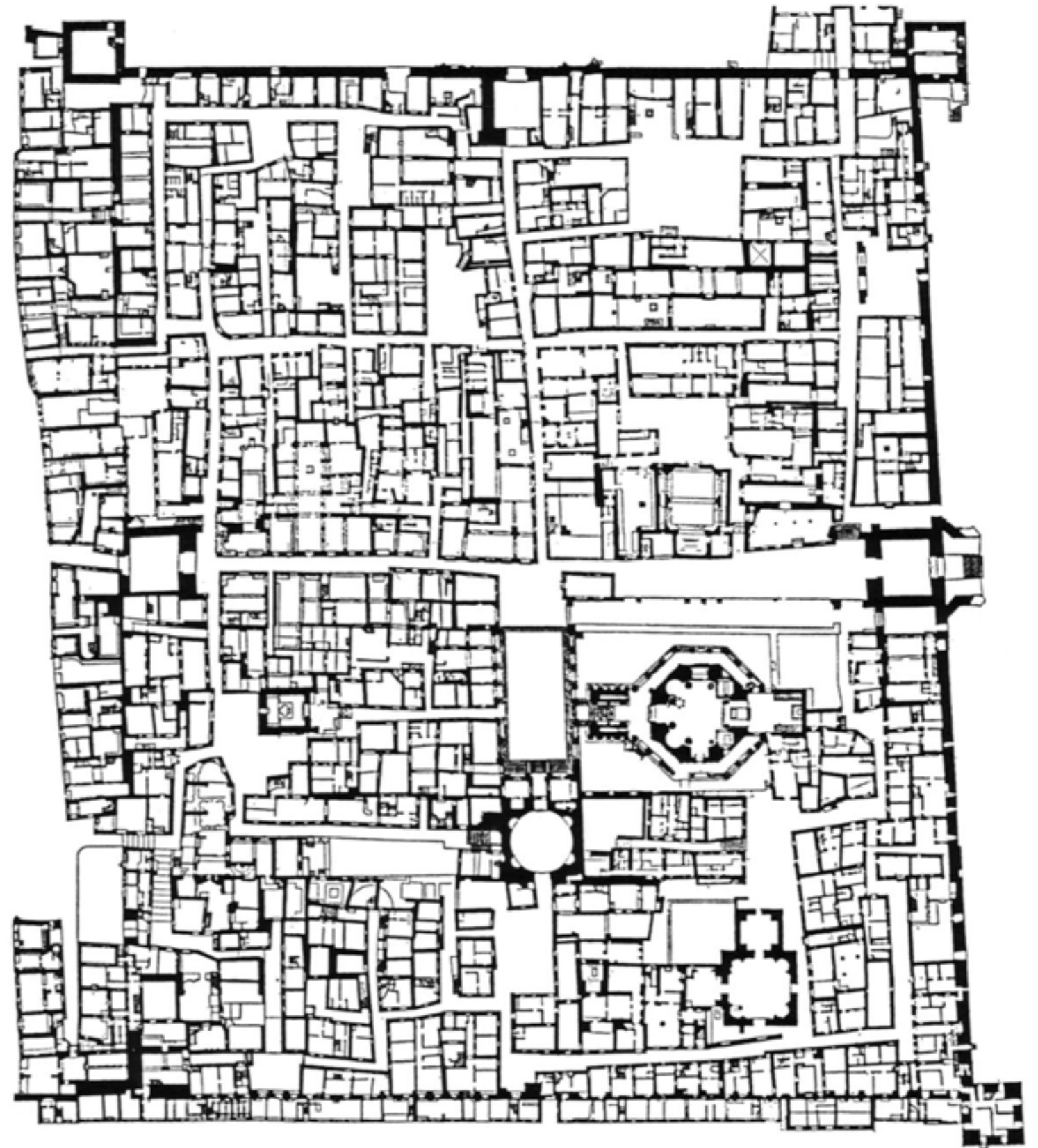
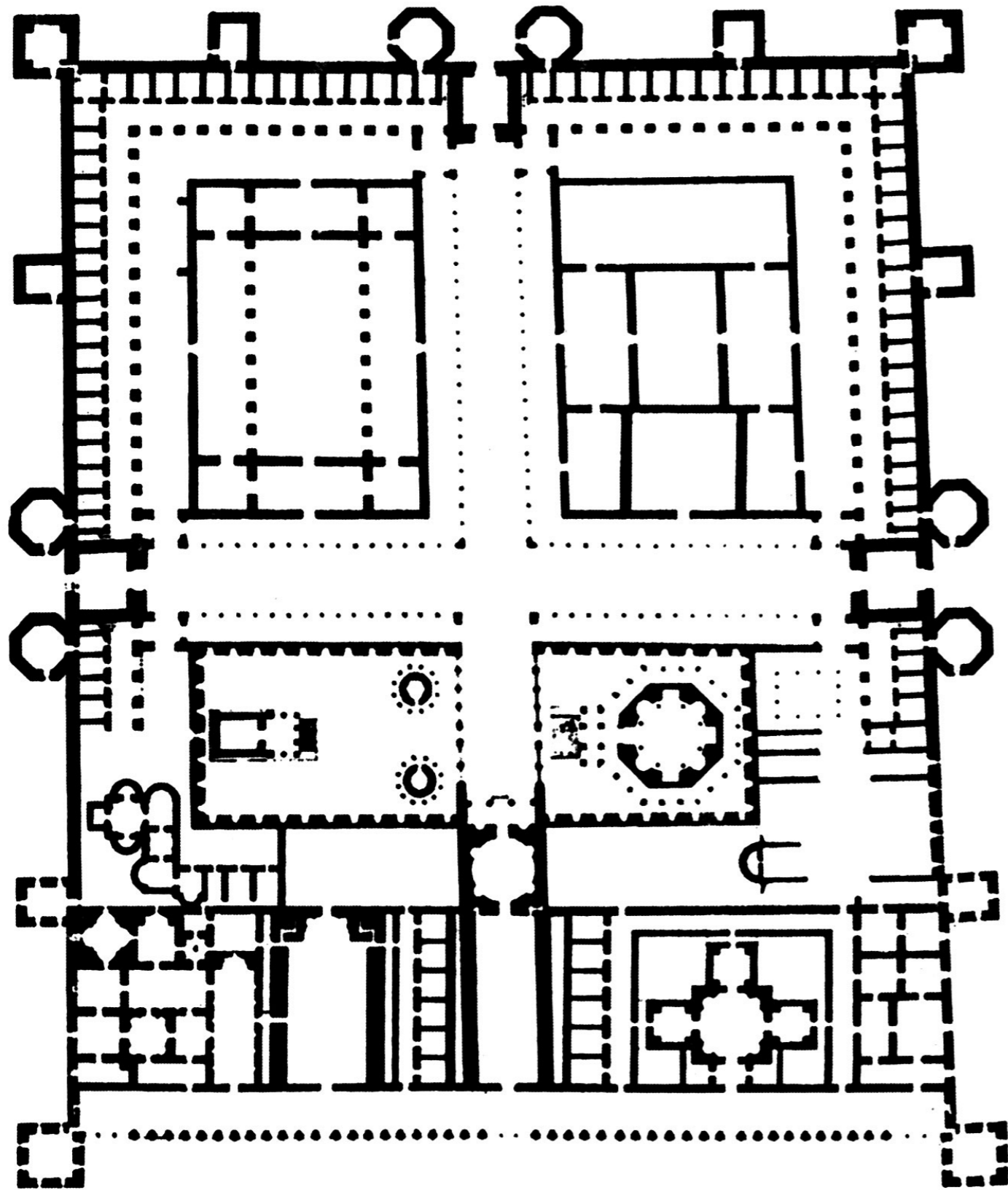






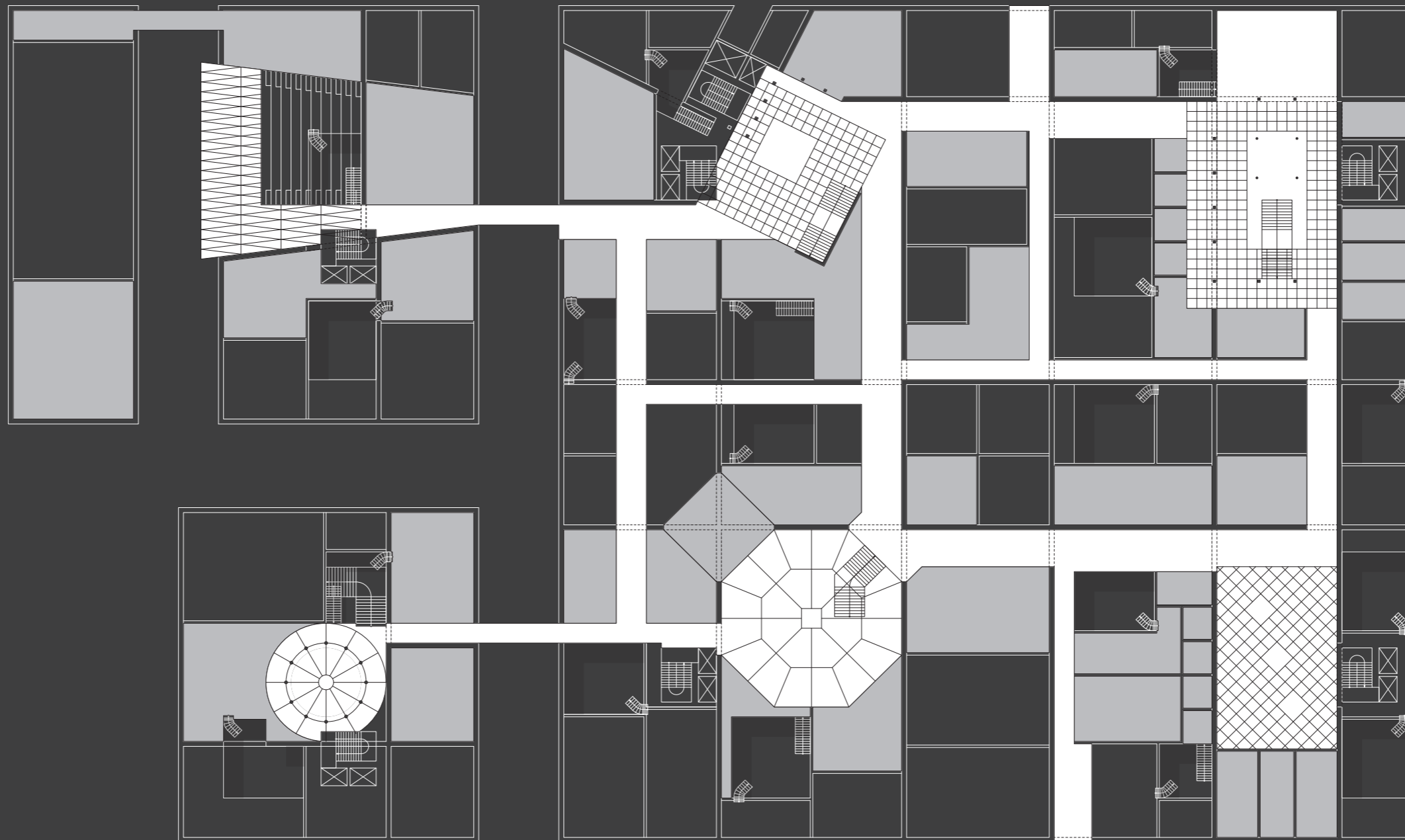


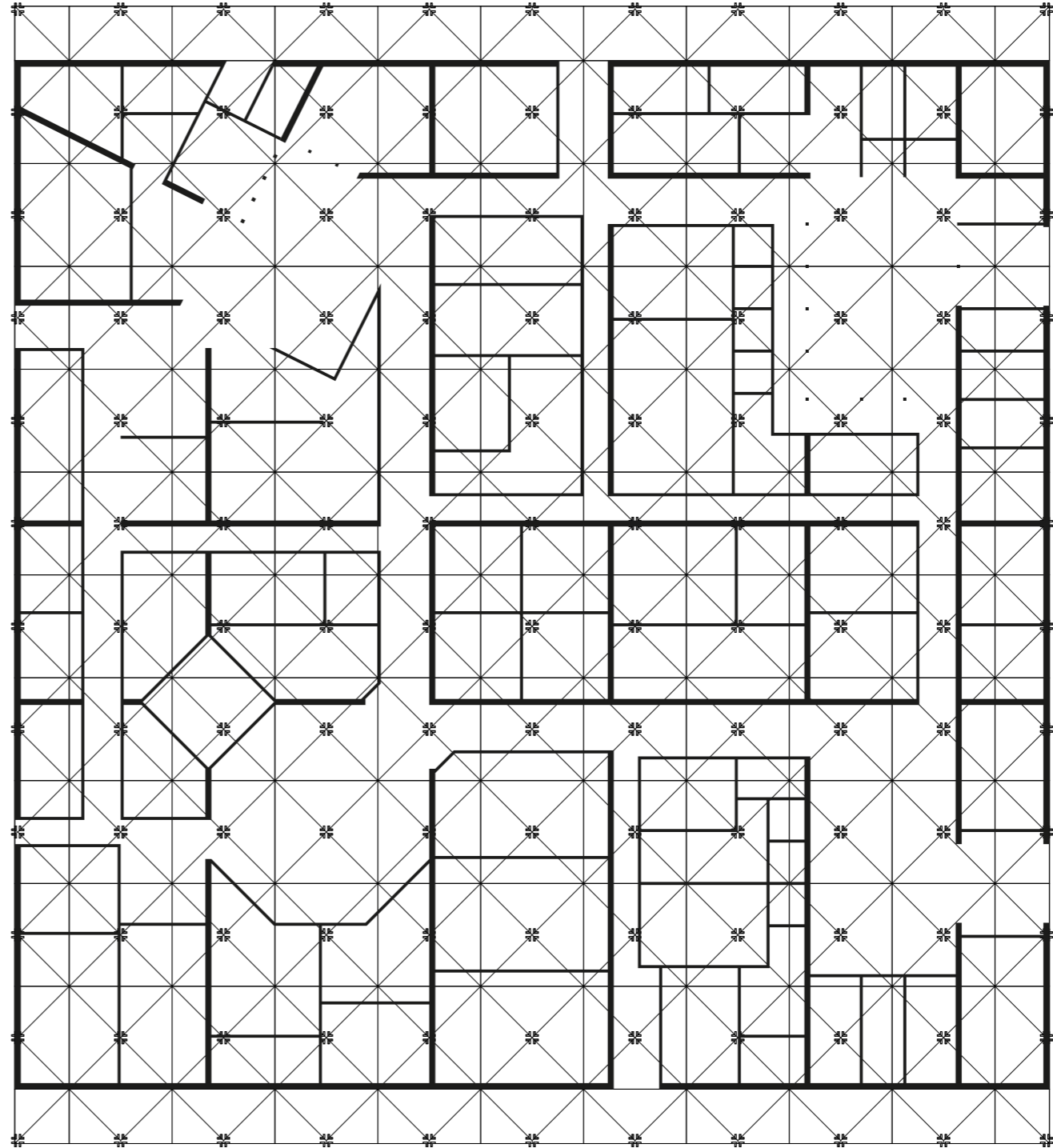
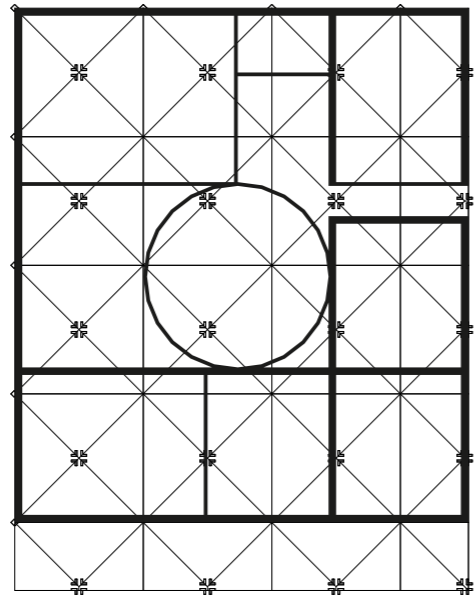
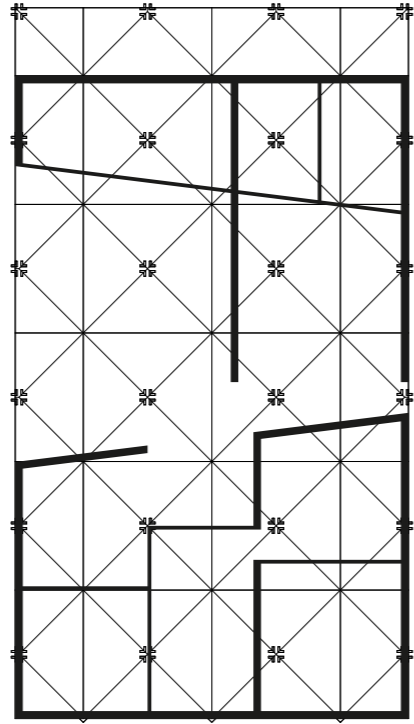
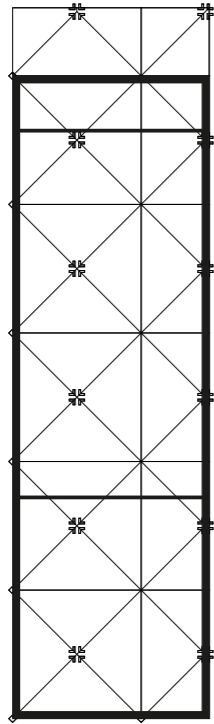
**DESCENT**



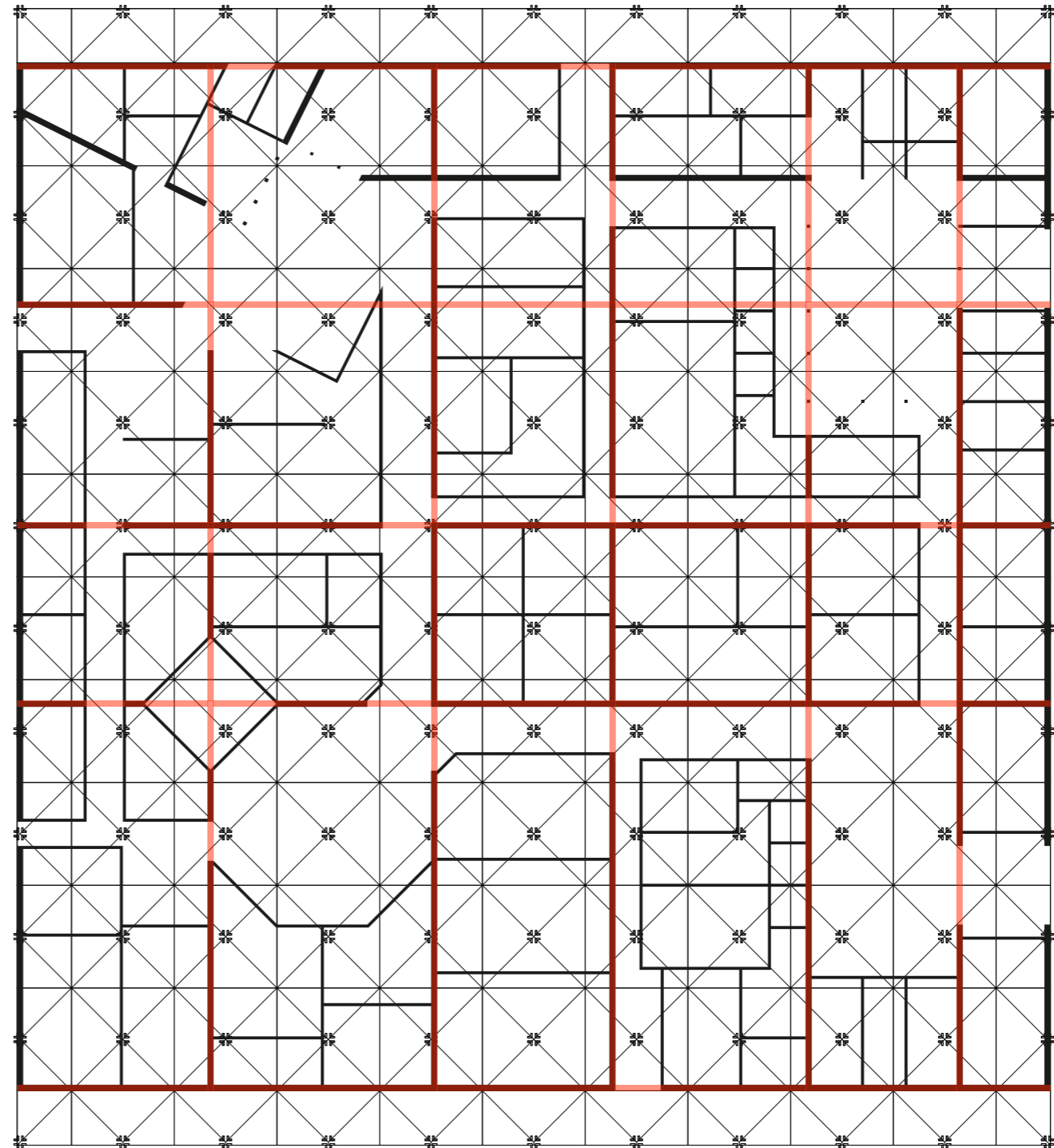
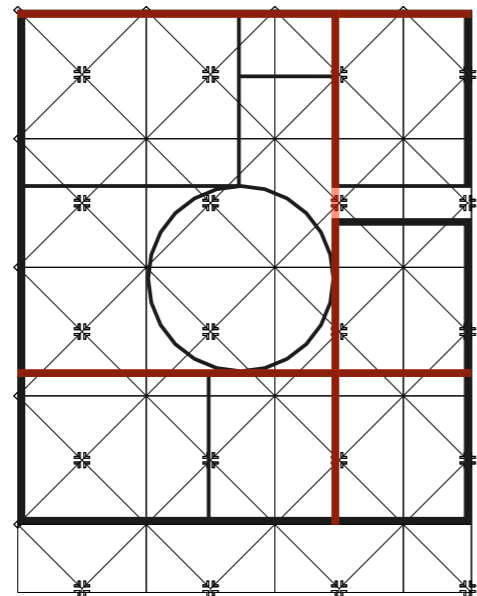
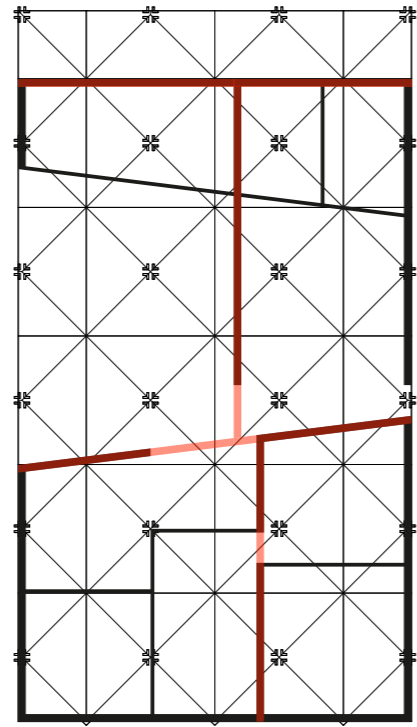
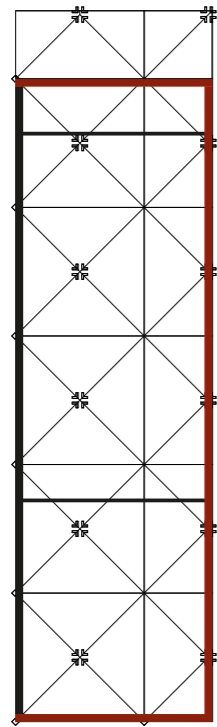
**A BUILDING ANALOGOUS TO THE CITY**  
Freedom despite specificity

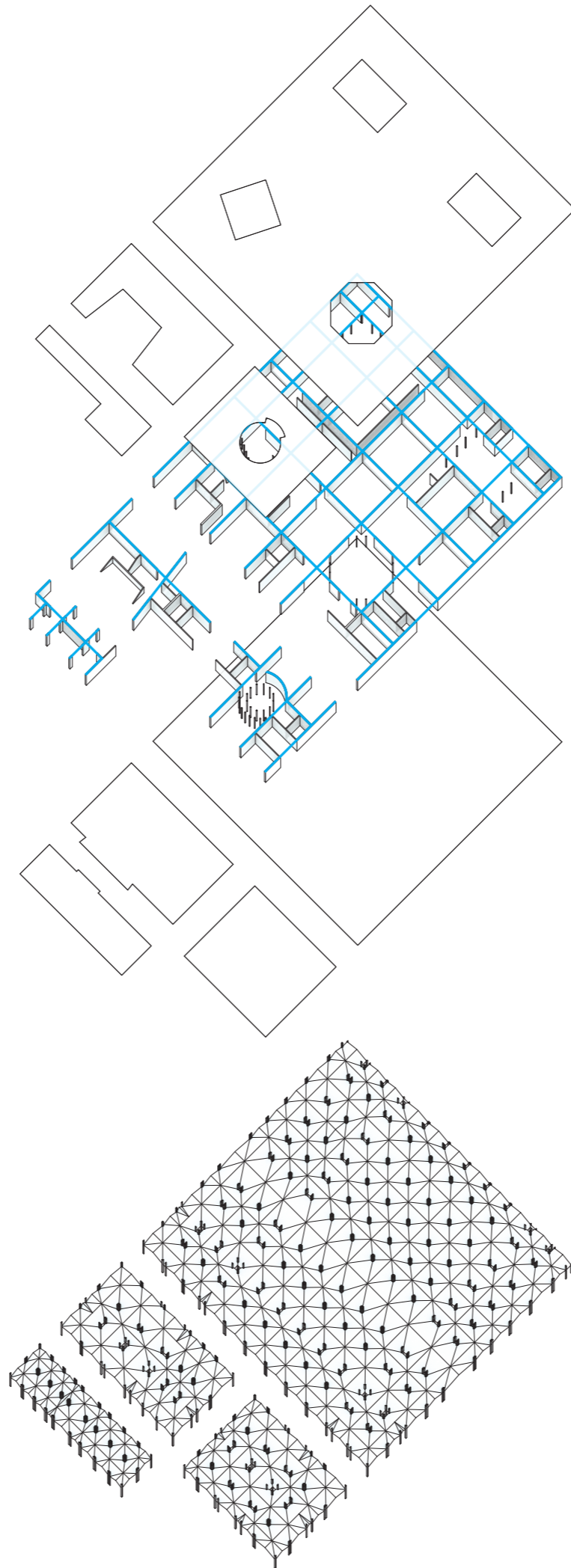






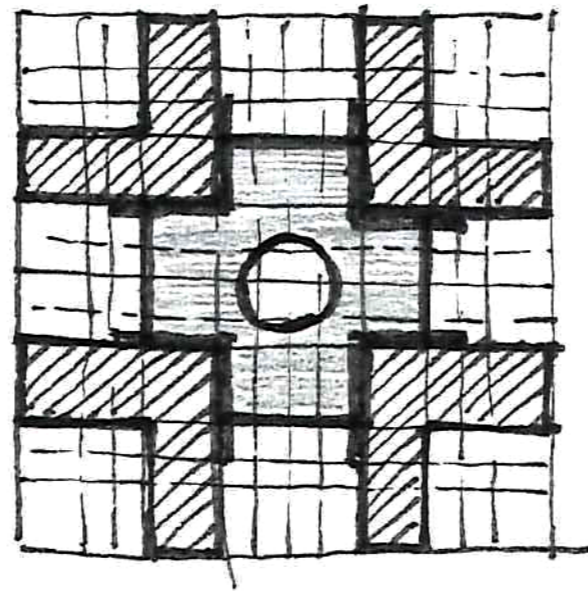




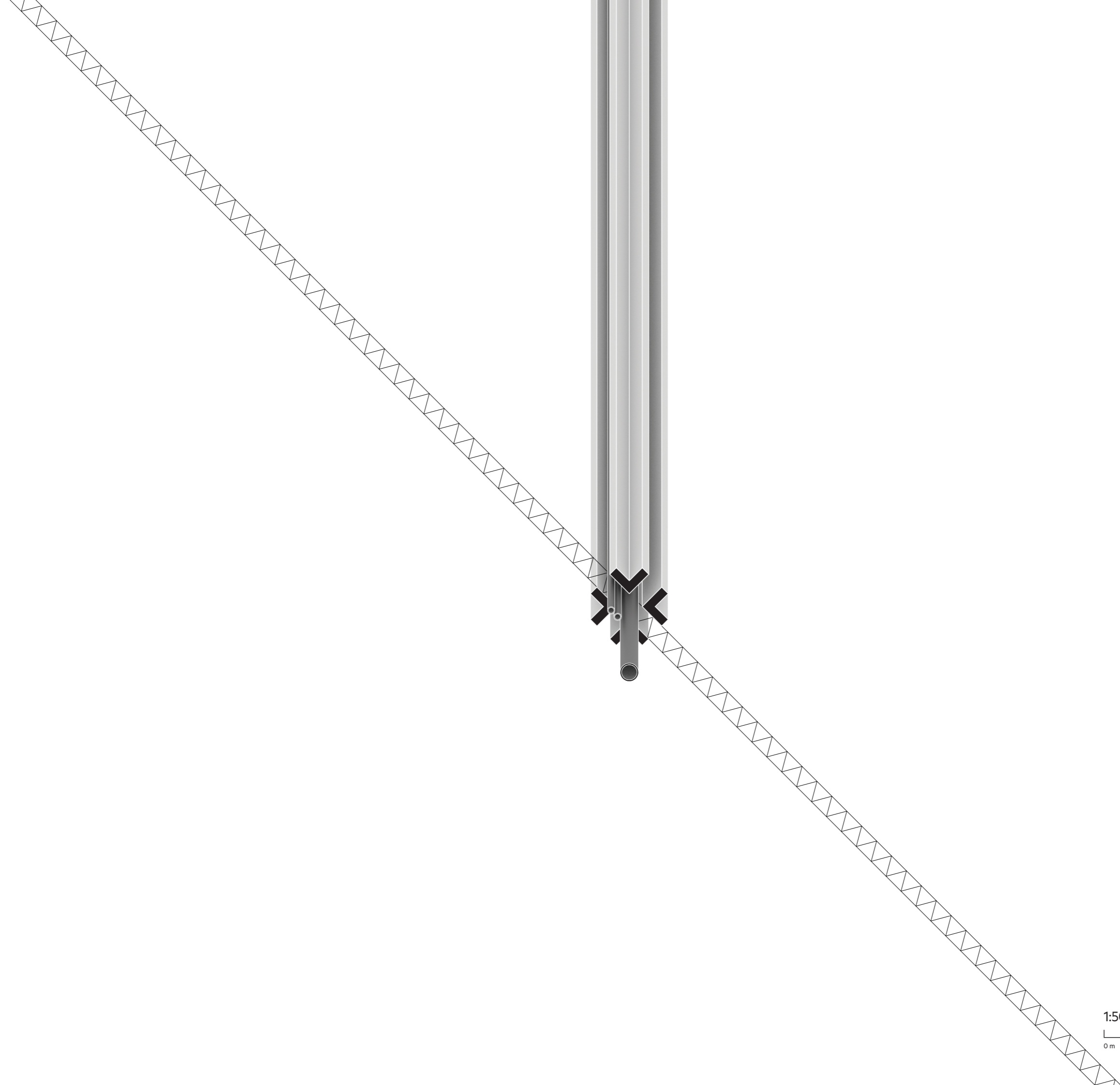




**SUB STRUCTURE**

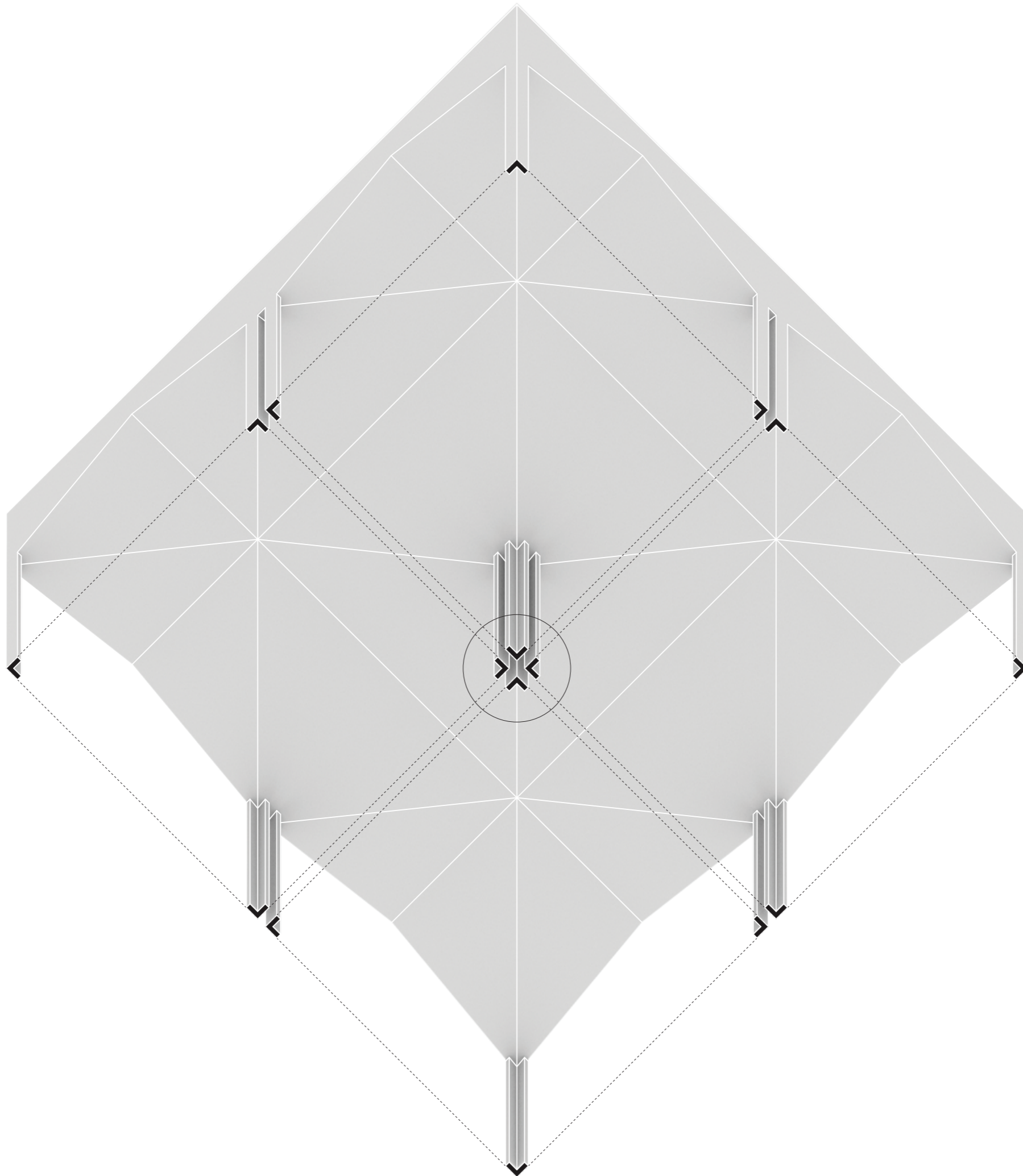






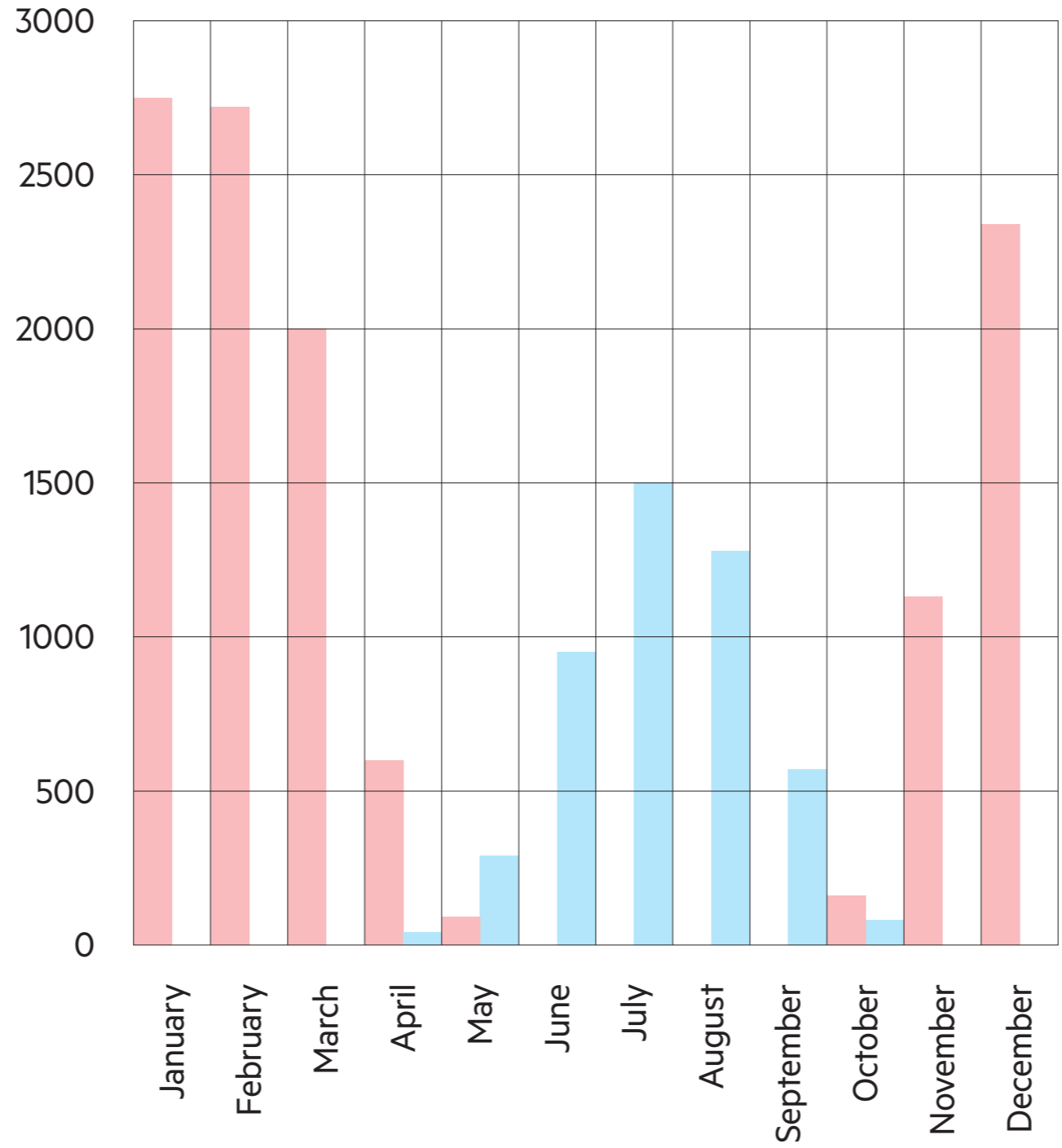
**HOLLOW**  
Dom-ino+



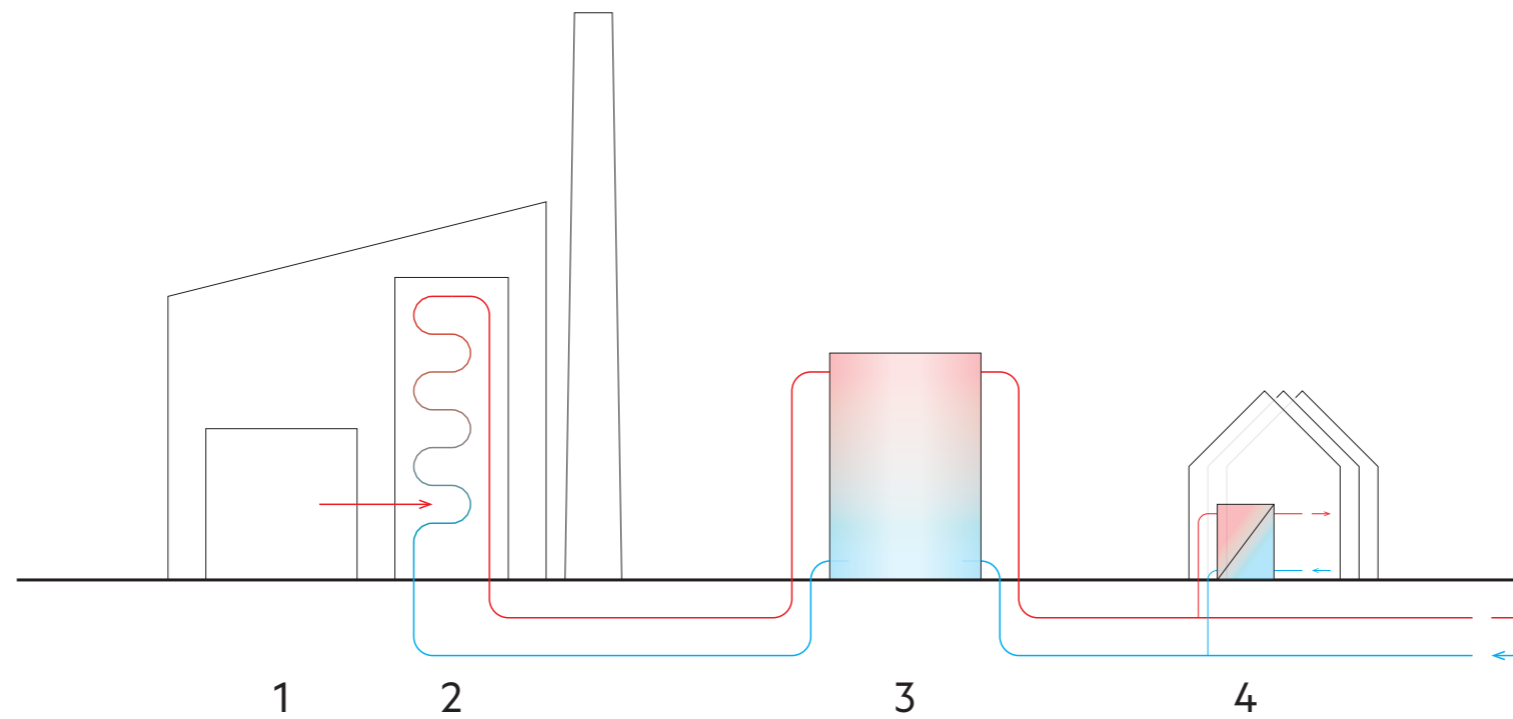




kWh

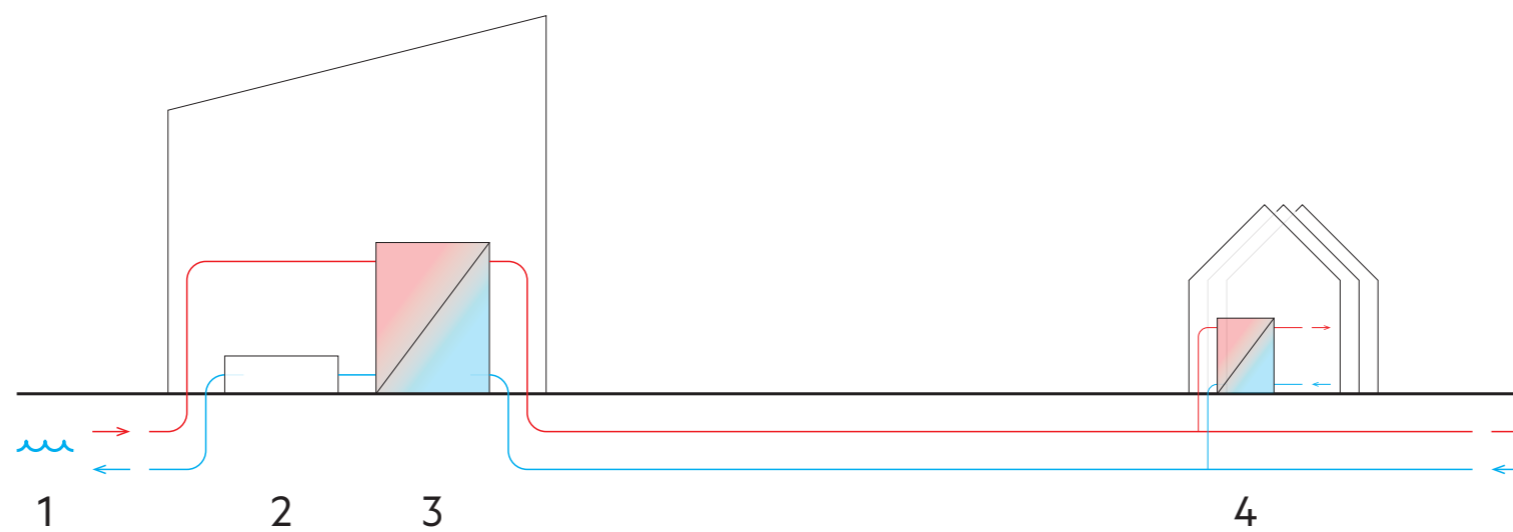


5 to 10 times more efficient



**District heating**

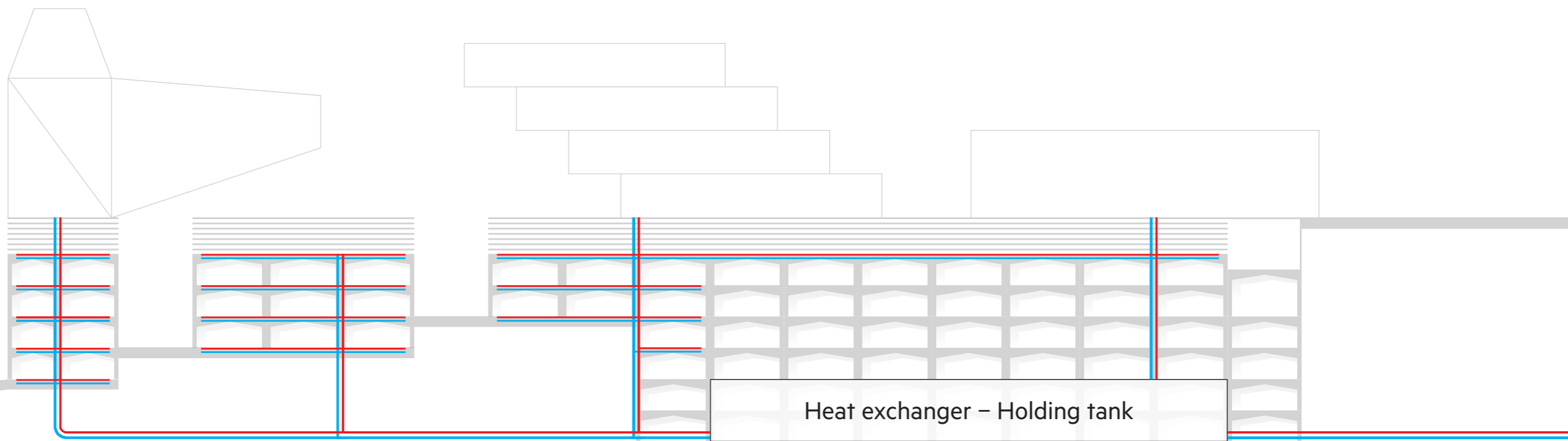
1. Energy sources
2. Boiler
3. Holding tank (90°)
4. Small heat exchanger

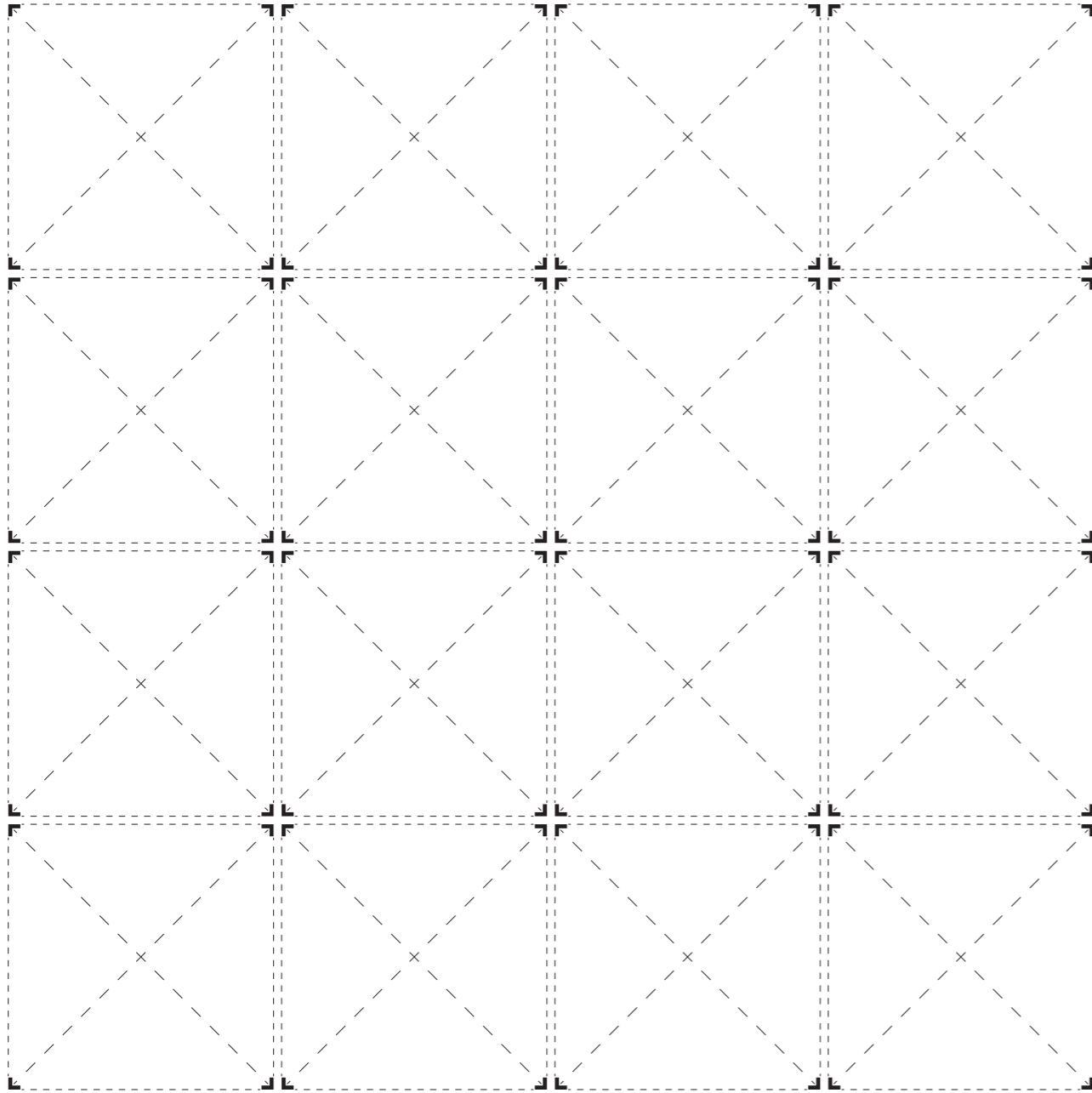


**District cooling**

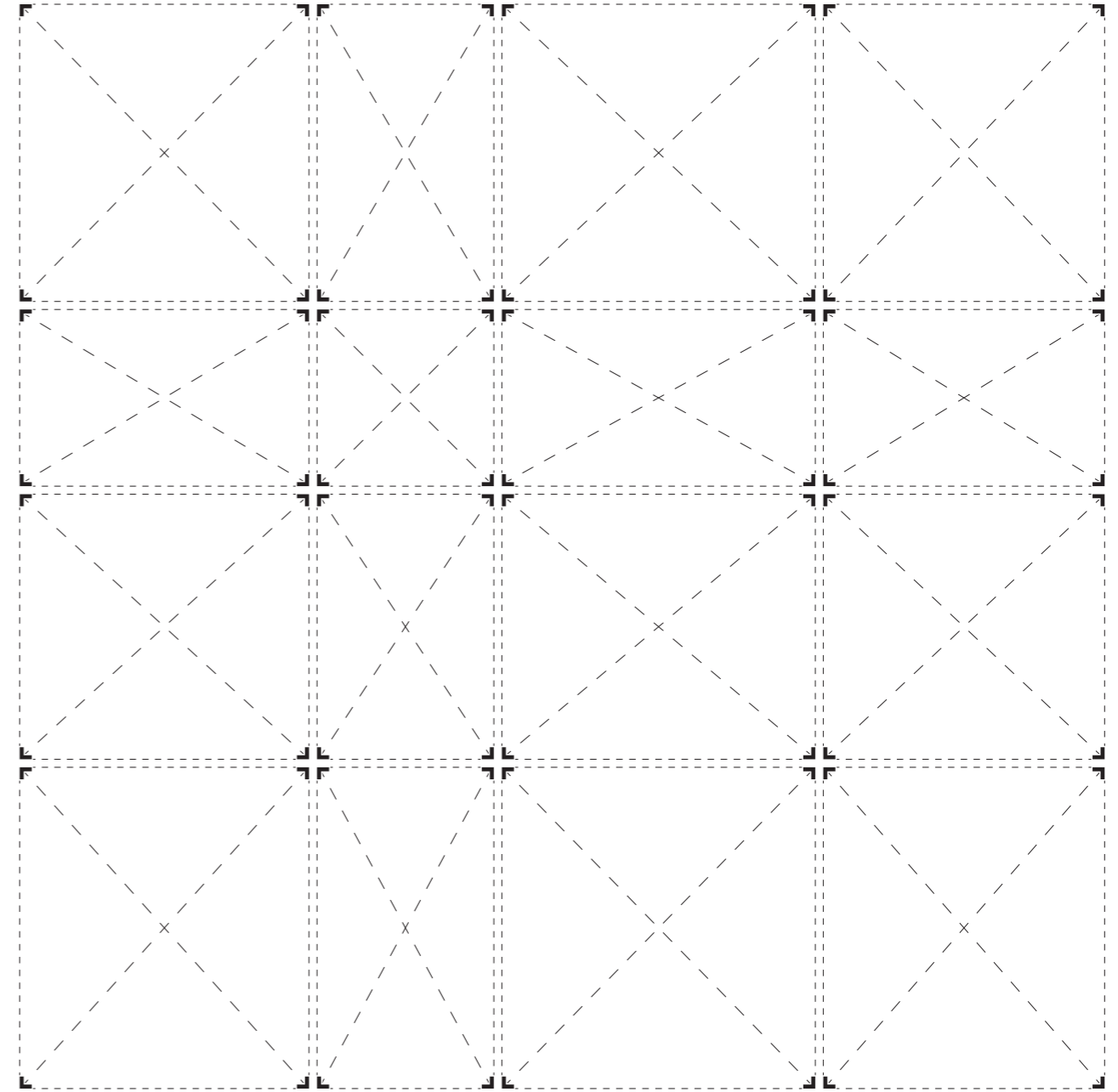
1. Cold water source (Golden Horn/Bosphorus)
2. Pump
3. Large heat exchanger
4. Small heat exchanger





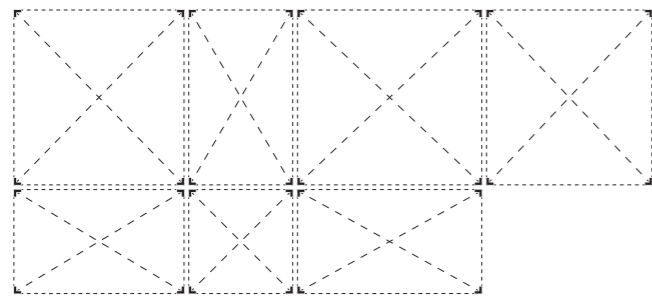


**Equal spans**

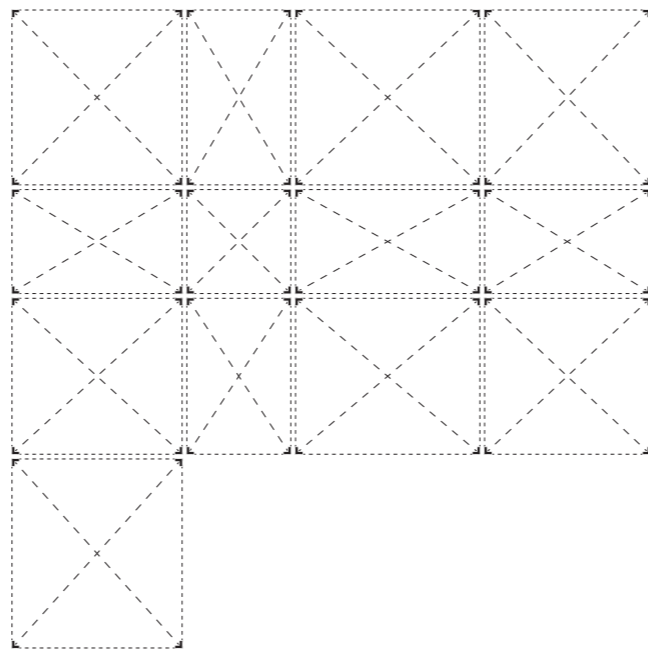


**Differentiated spans**

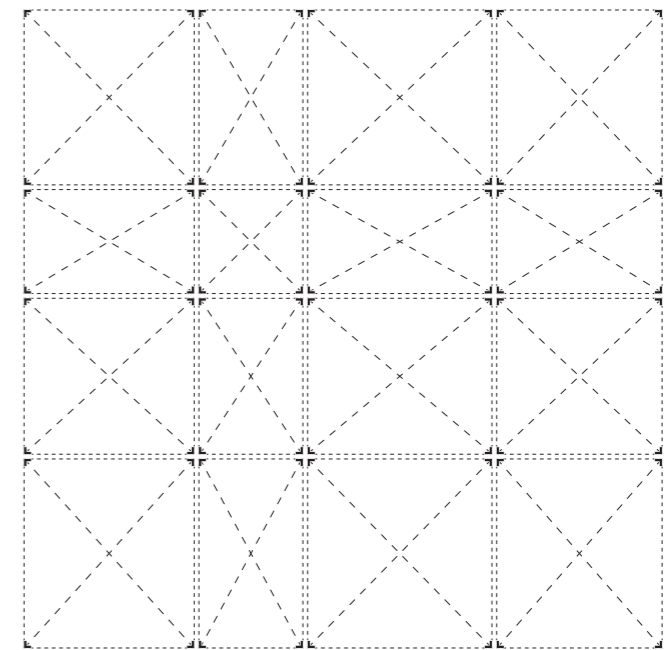




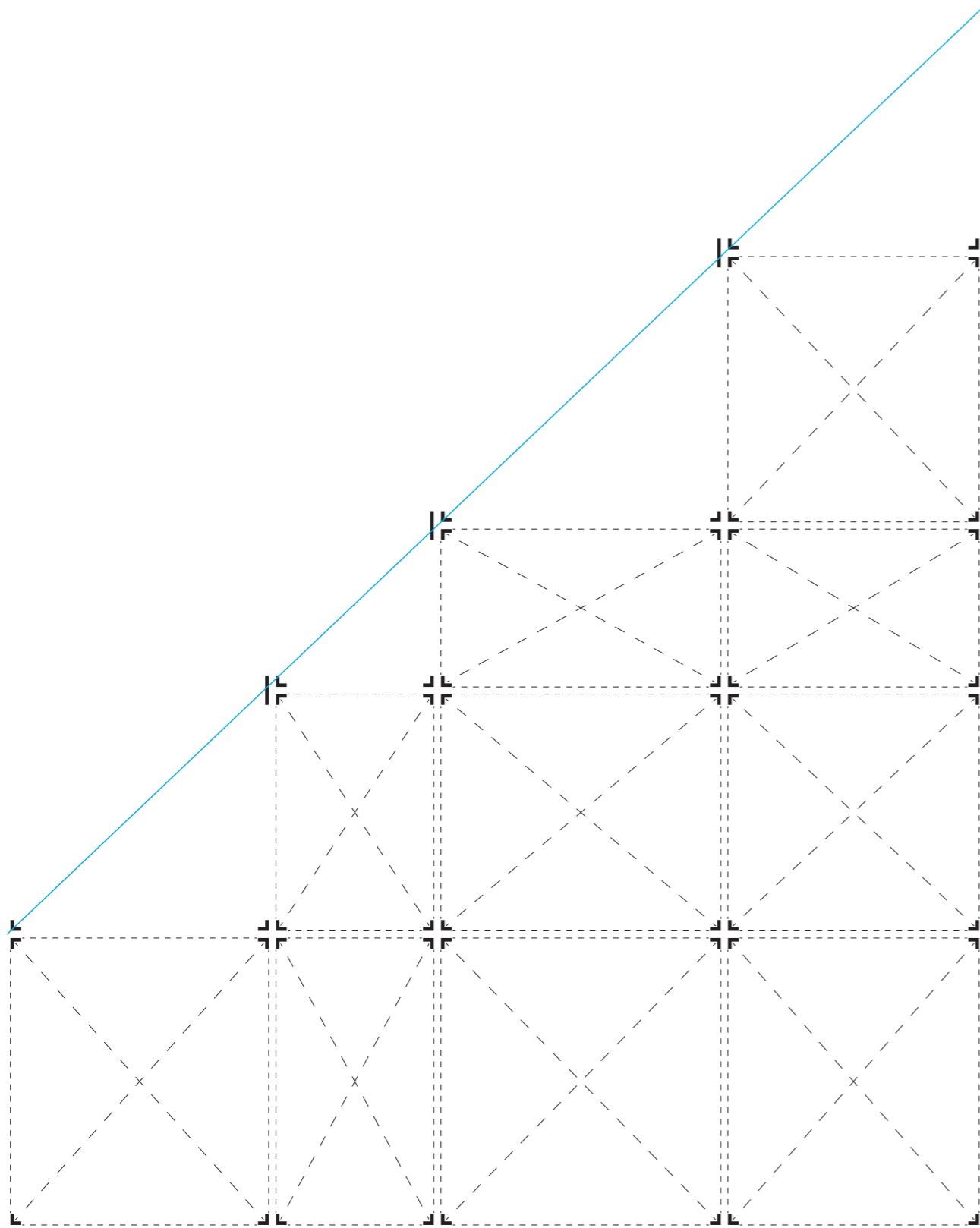
**Phase 1**



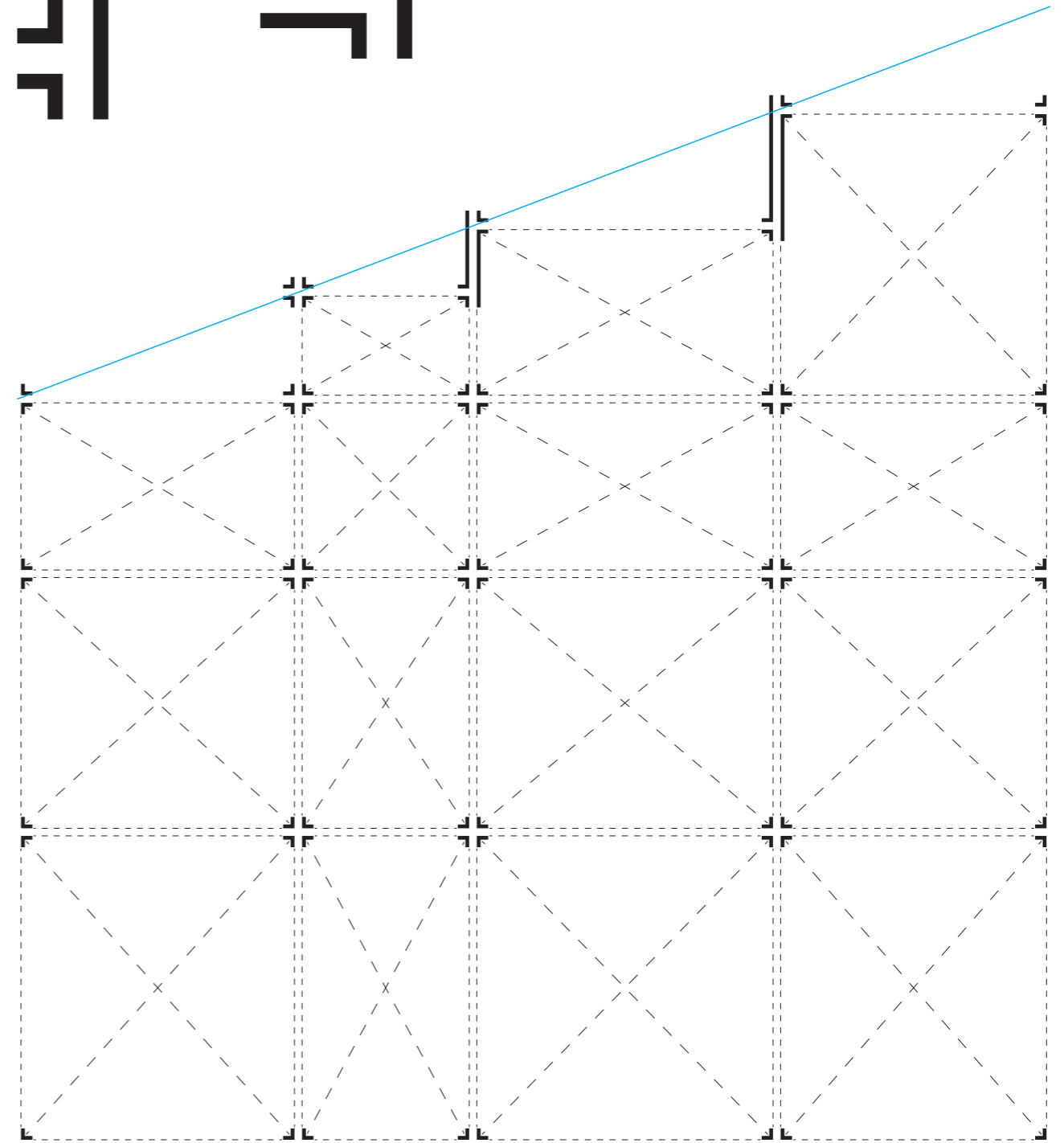
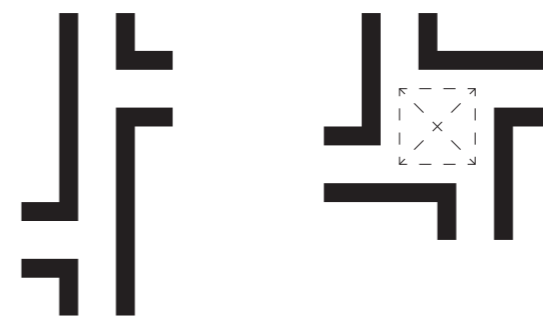
**Phase 2**



**Phase 3**

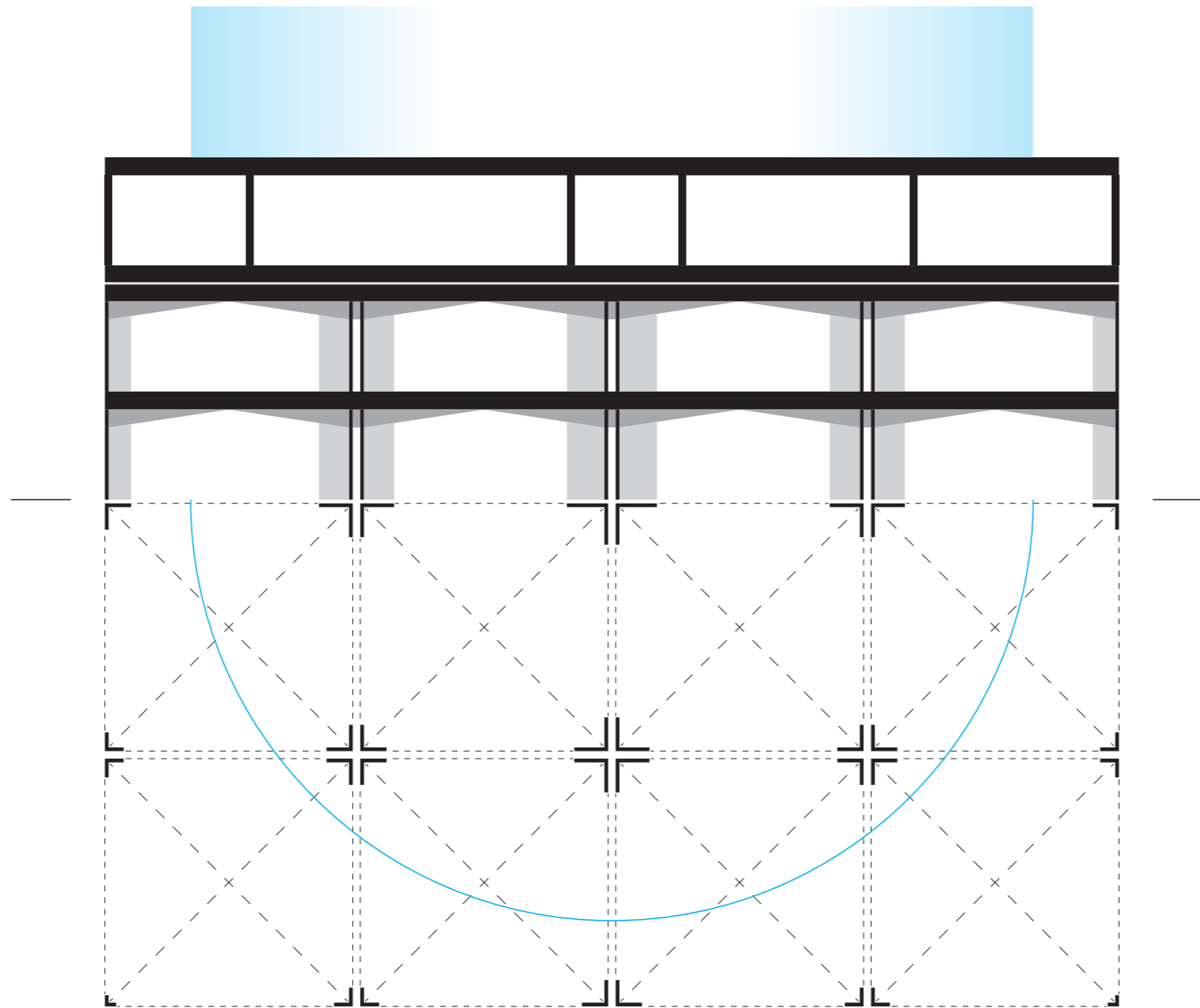


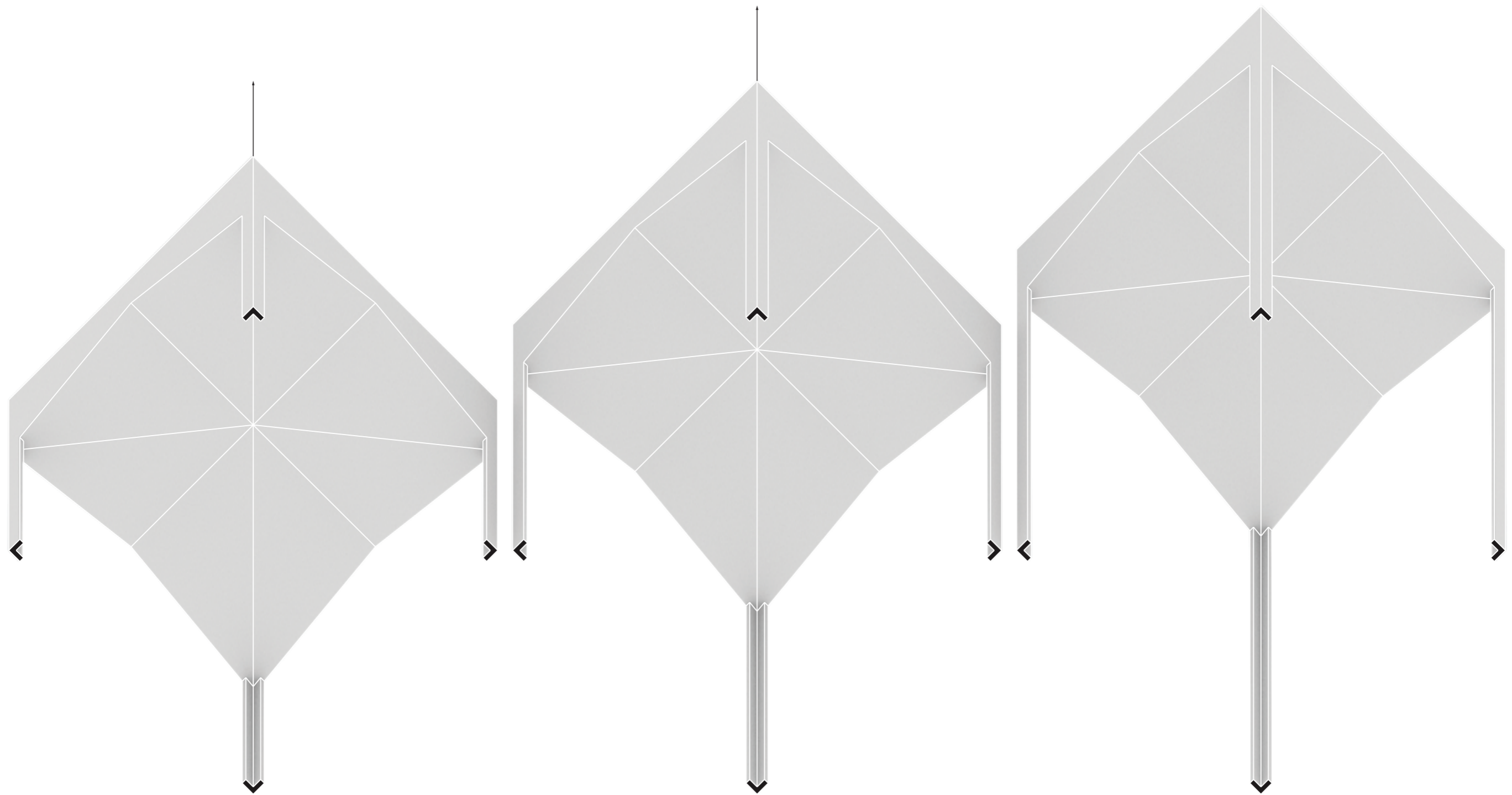
**Entire bay shifts**



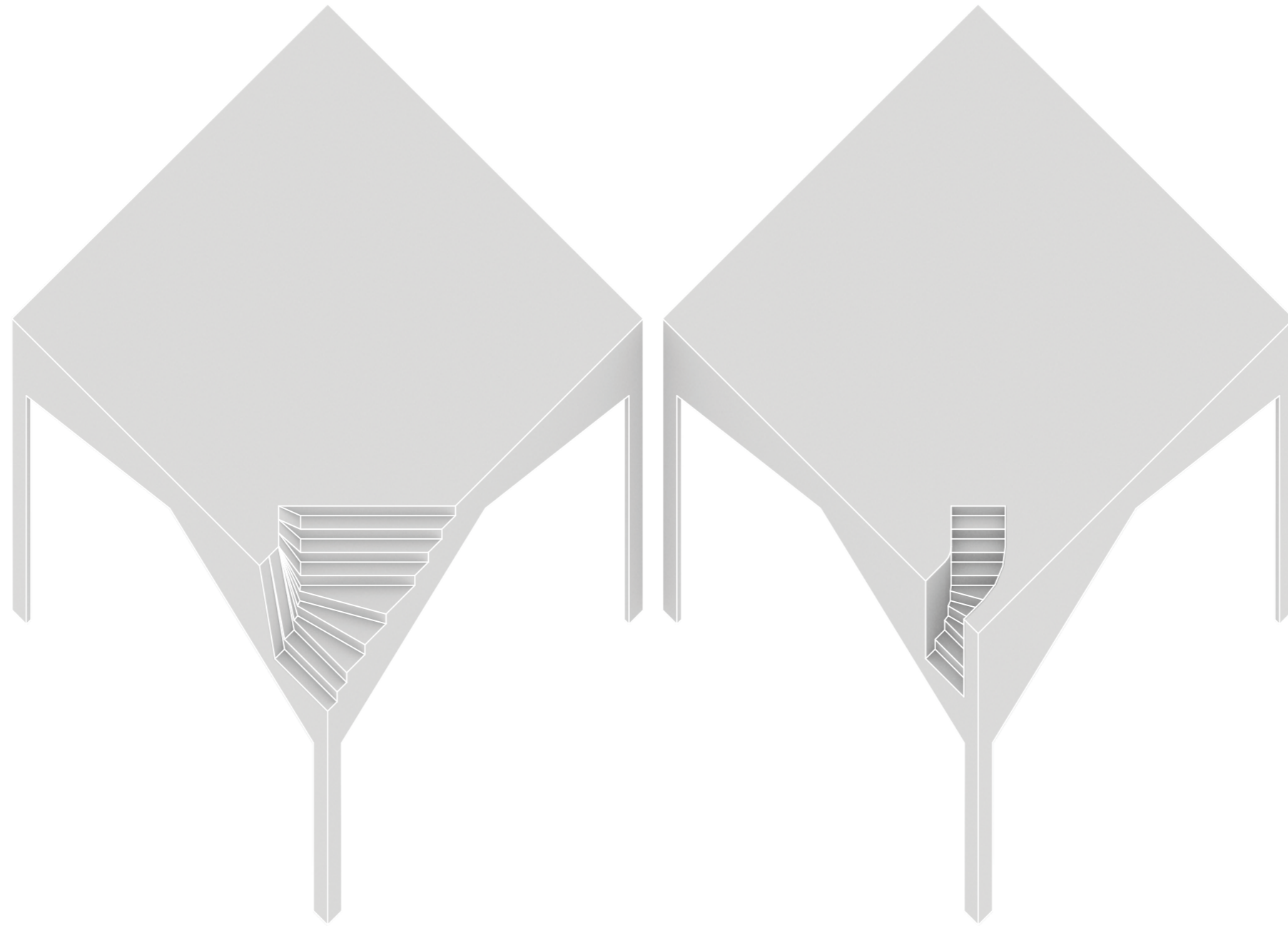
**Smaller shifts**

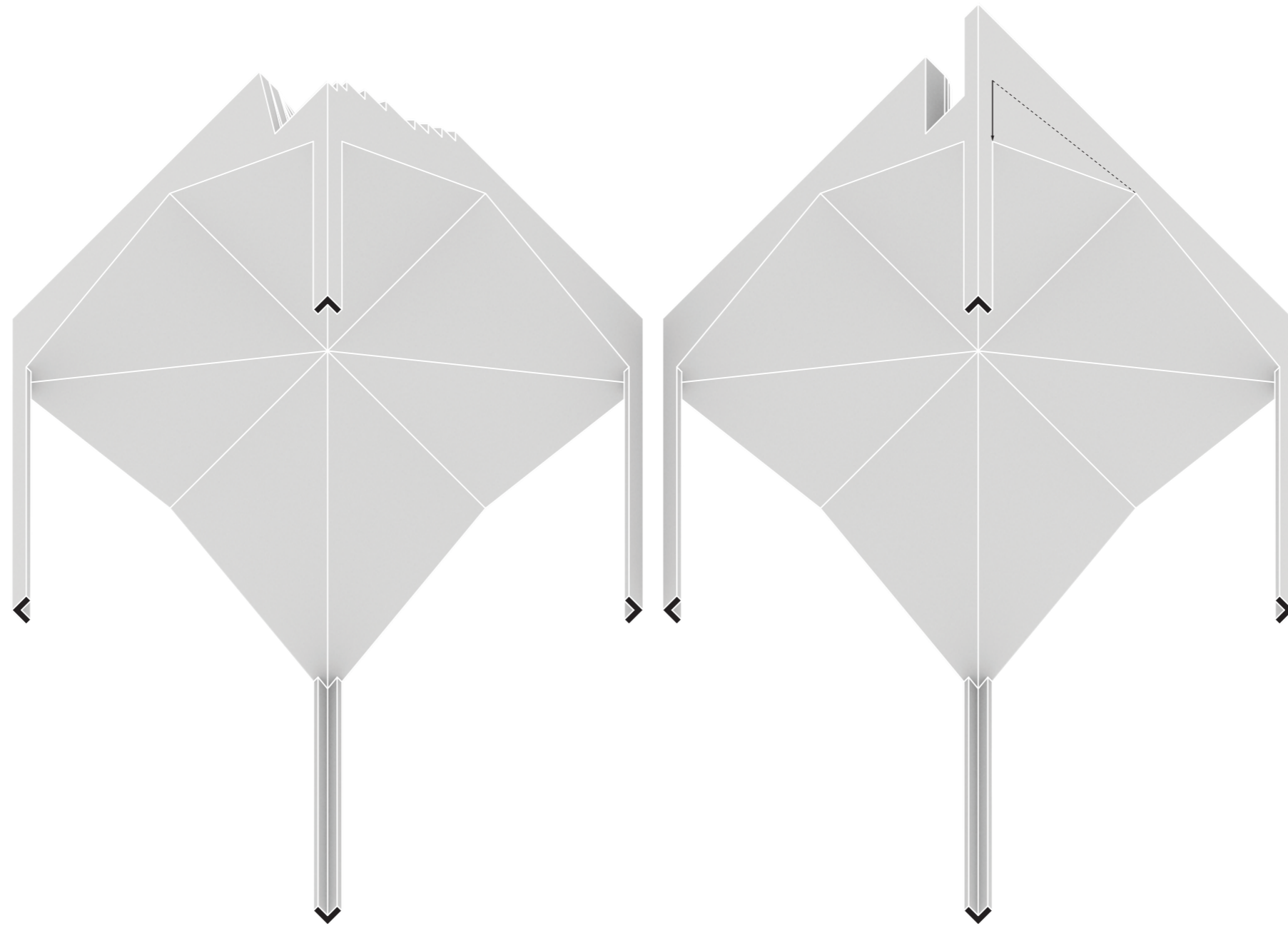




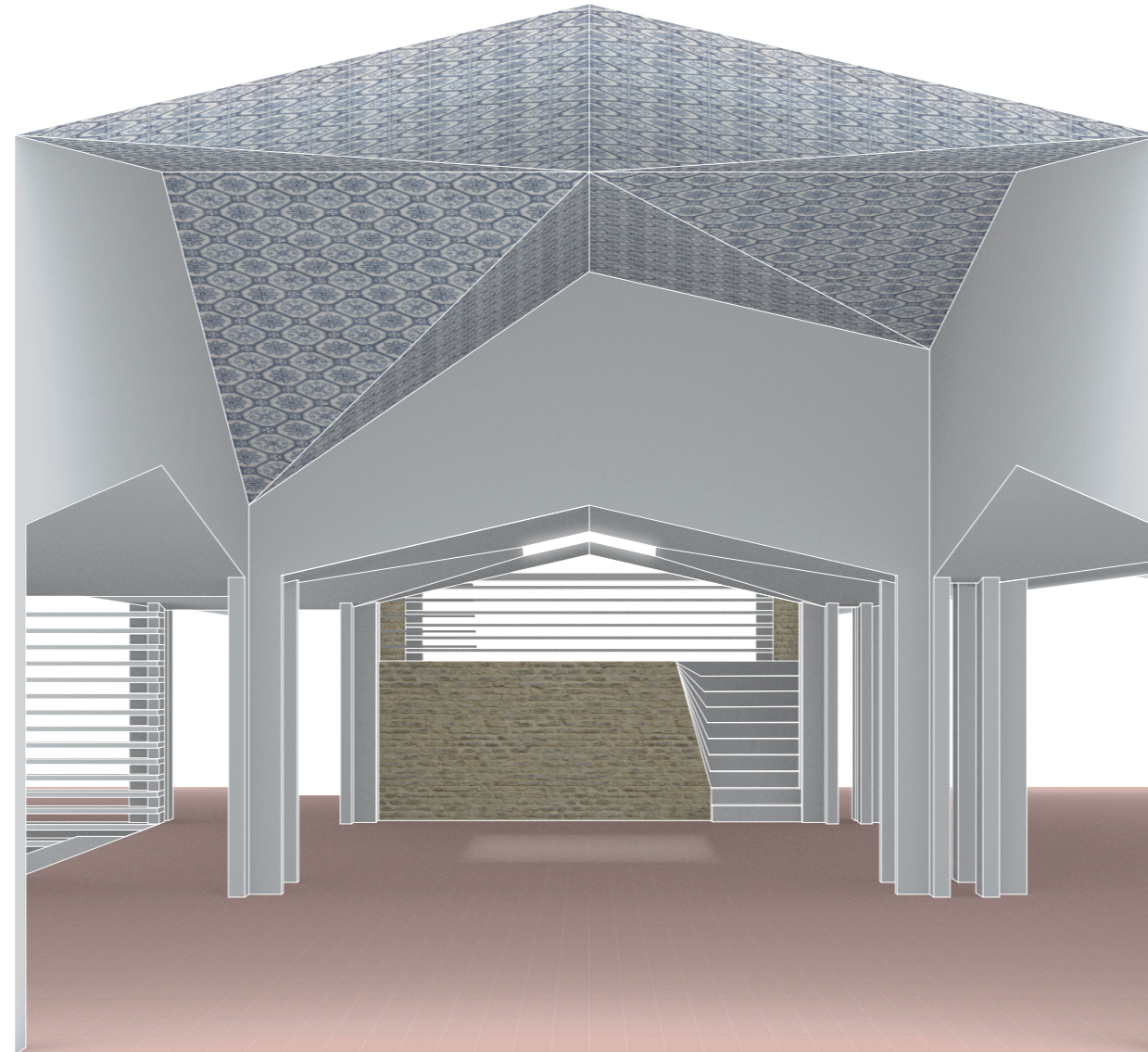


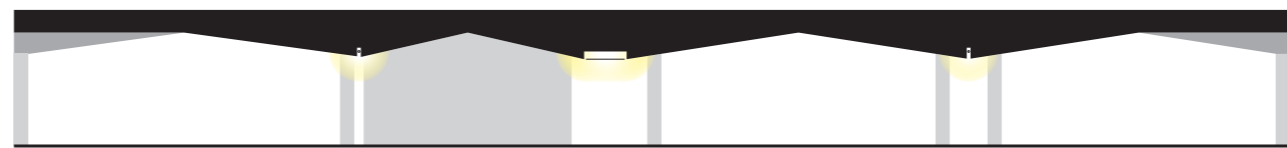
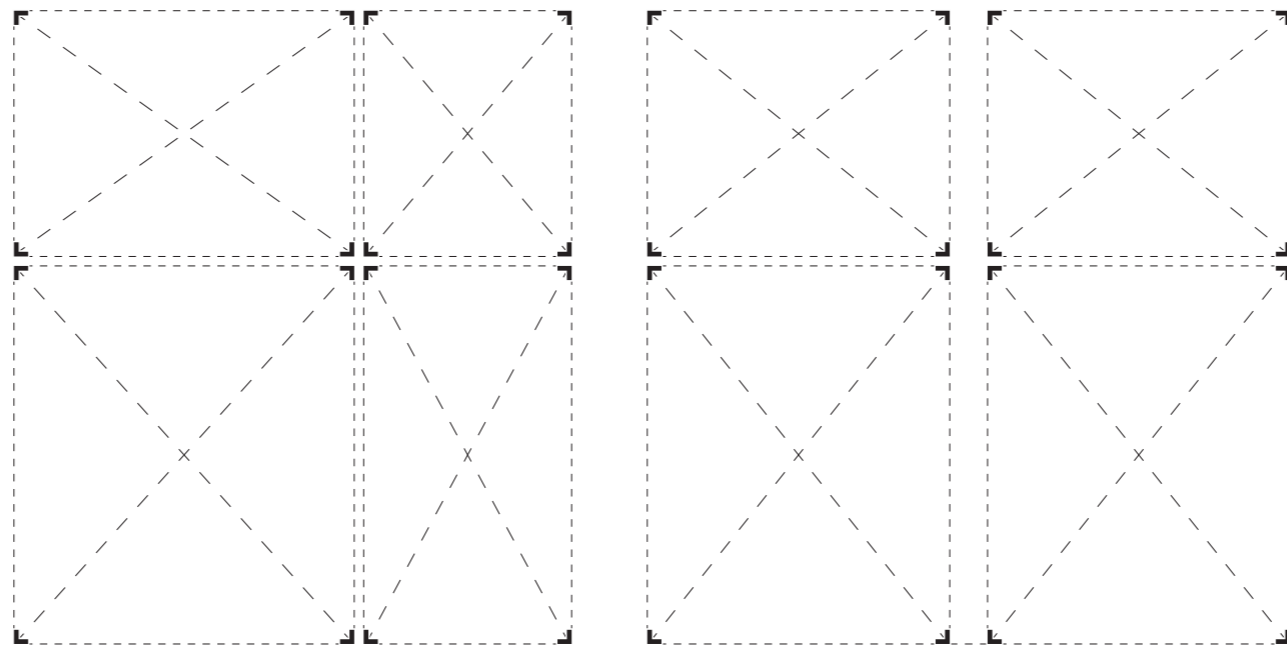
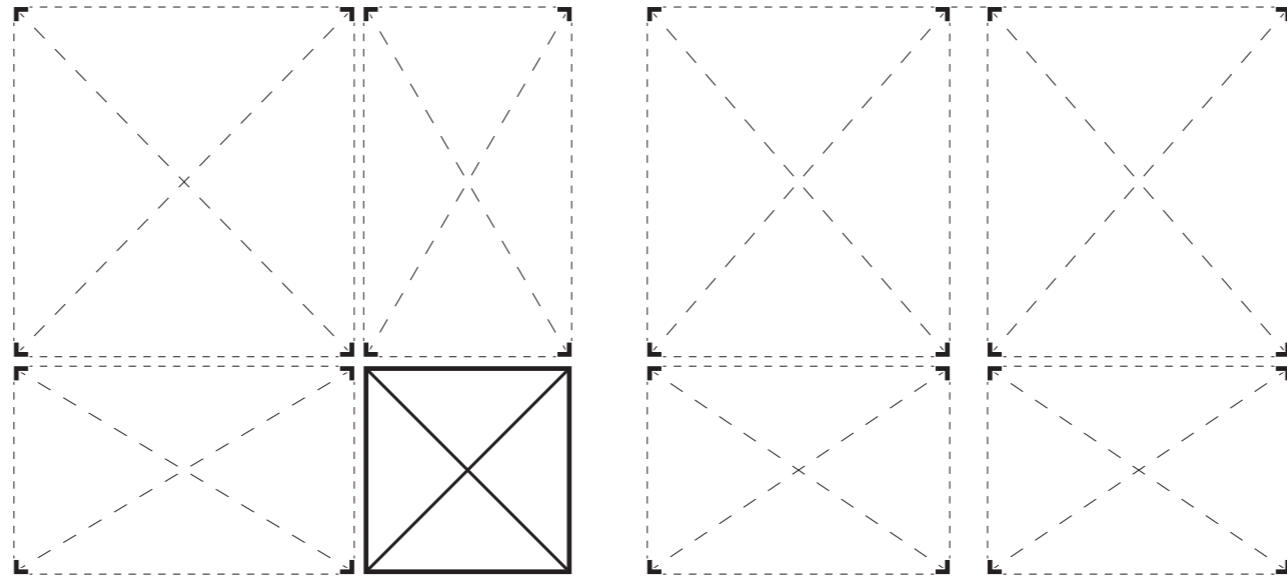


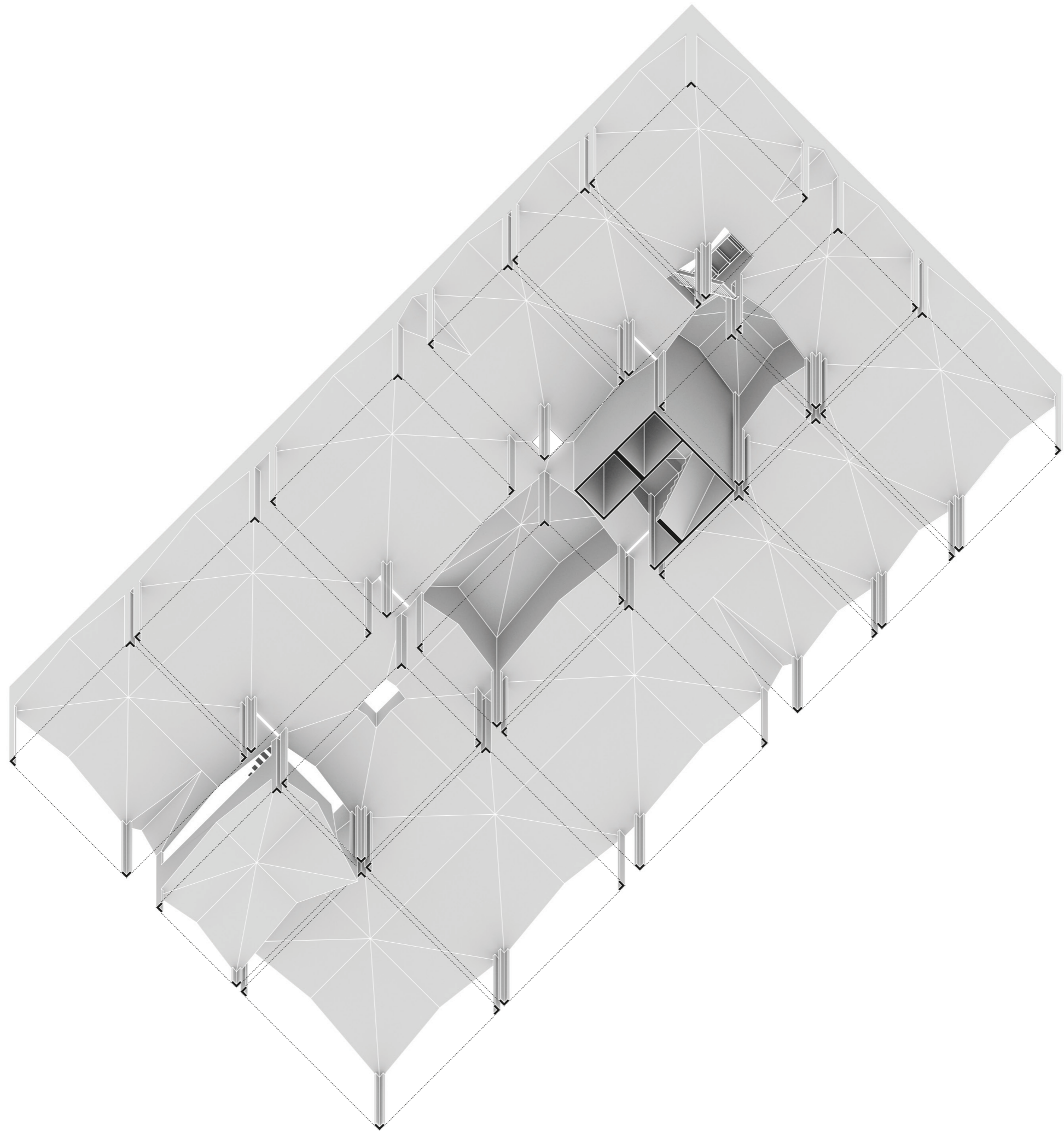








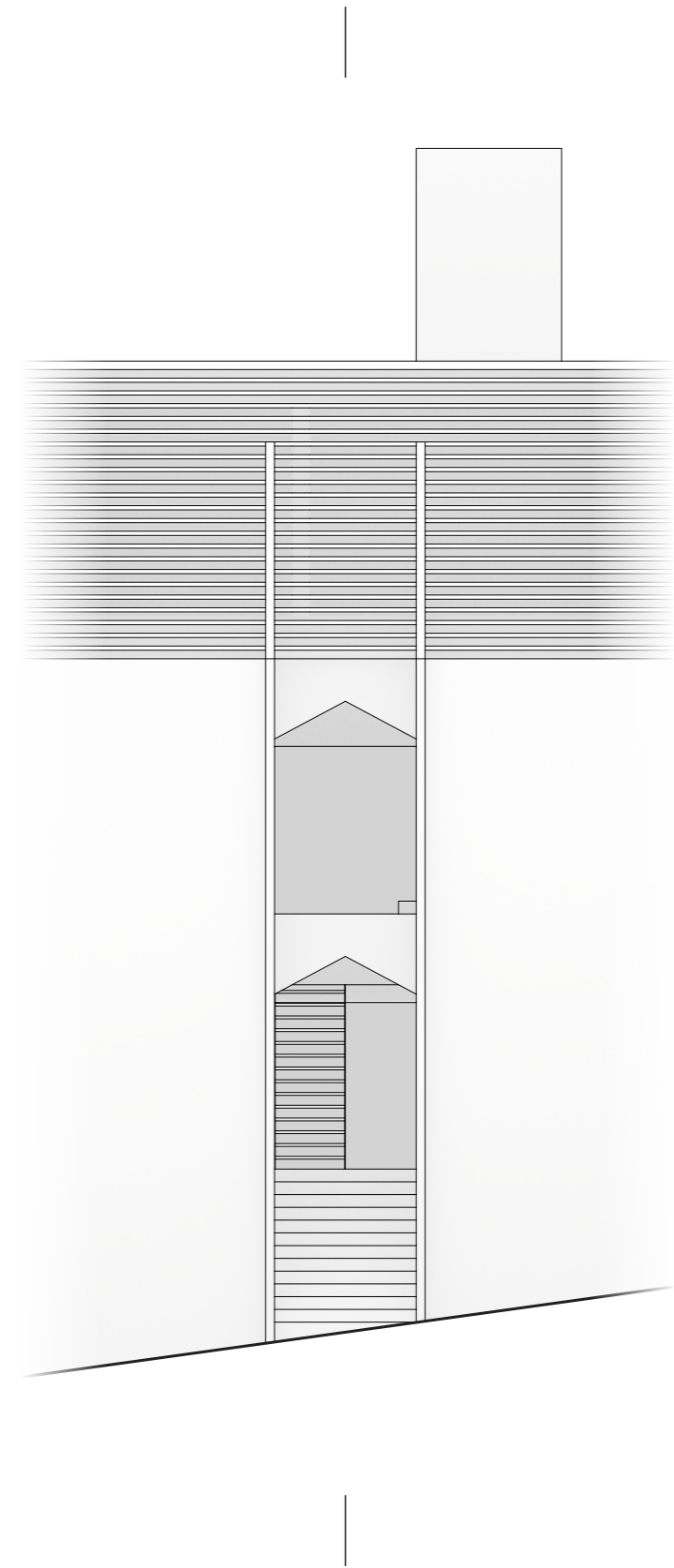




**WORM'S EYE VIEW**  
Dom-ino+

1:200  
0 m 2 m 10 m

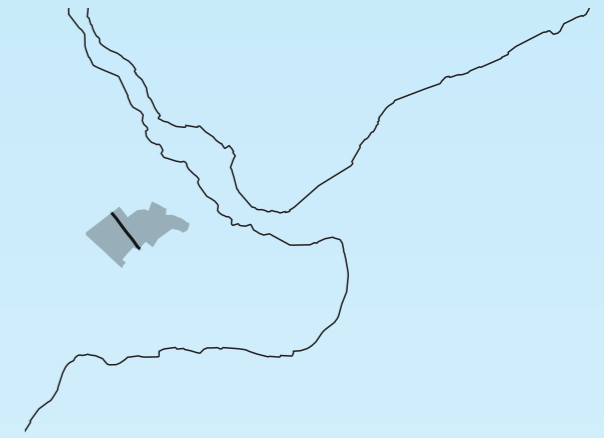




**FIRE ESCAPES**  
Dom-ino+

1:100  
0m 1m 5m

**...AND BACK UP**





30 – 50%

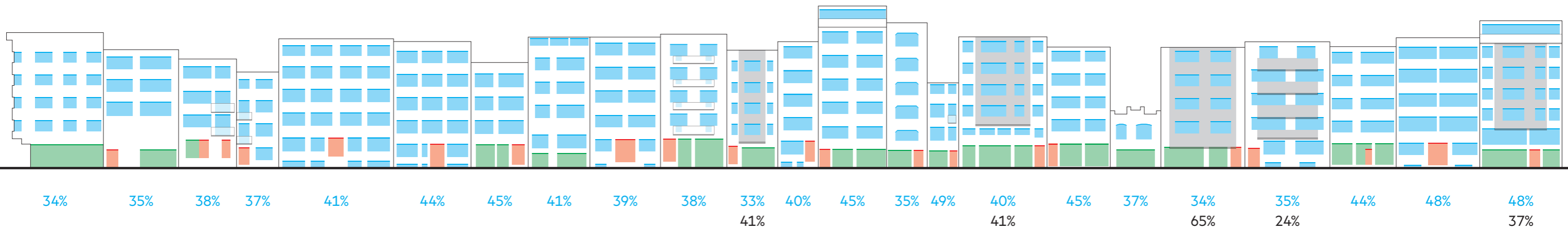
Facade openings 40%

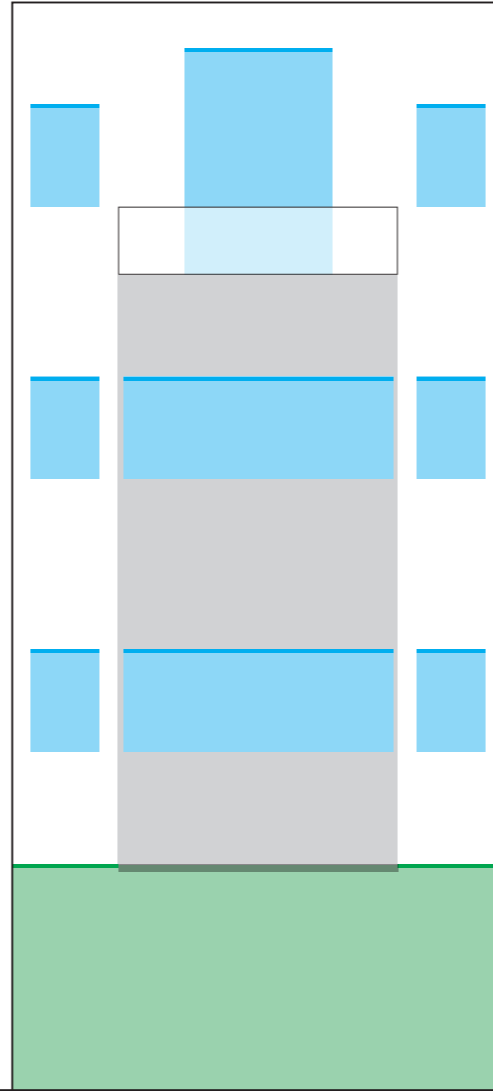
Extensions 42%

Storefronts 7/10

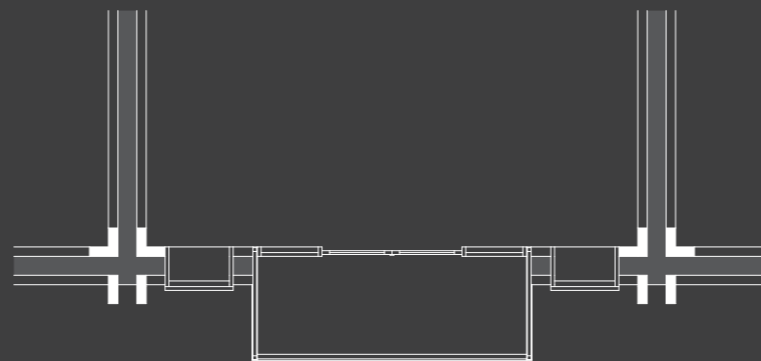
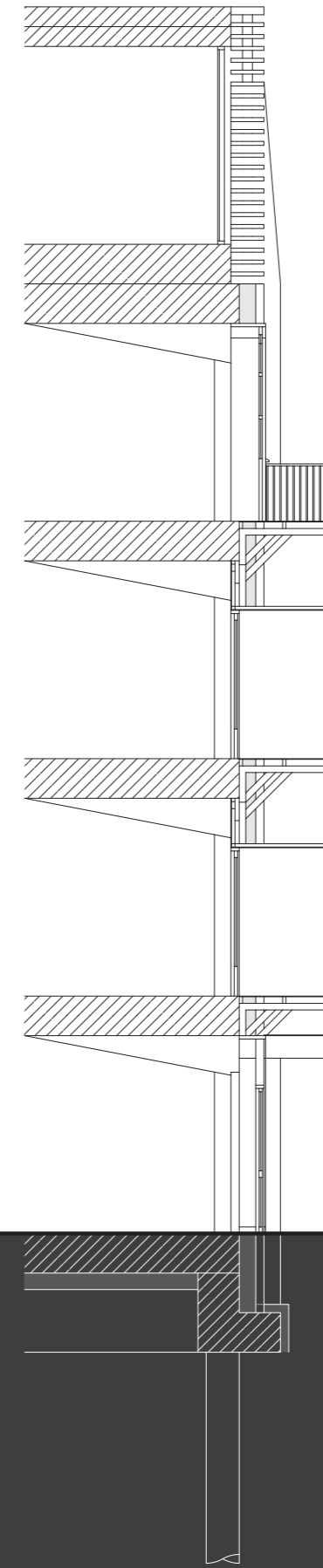
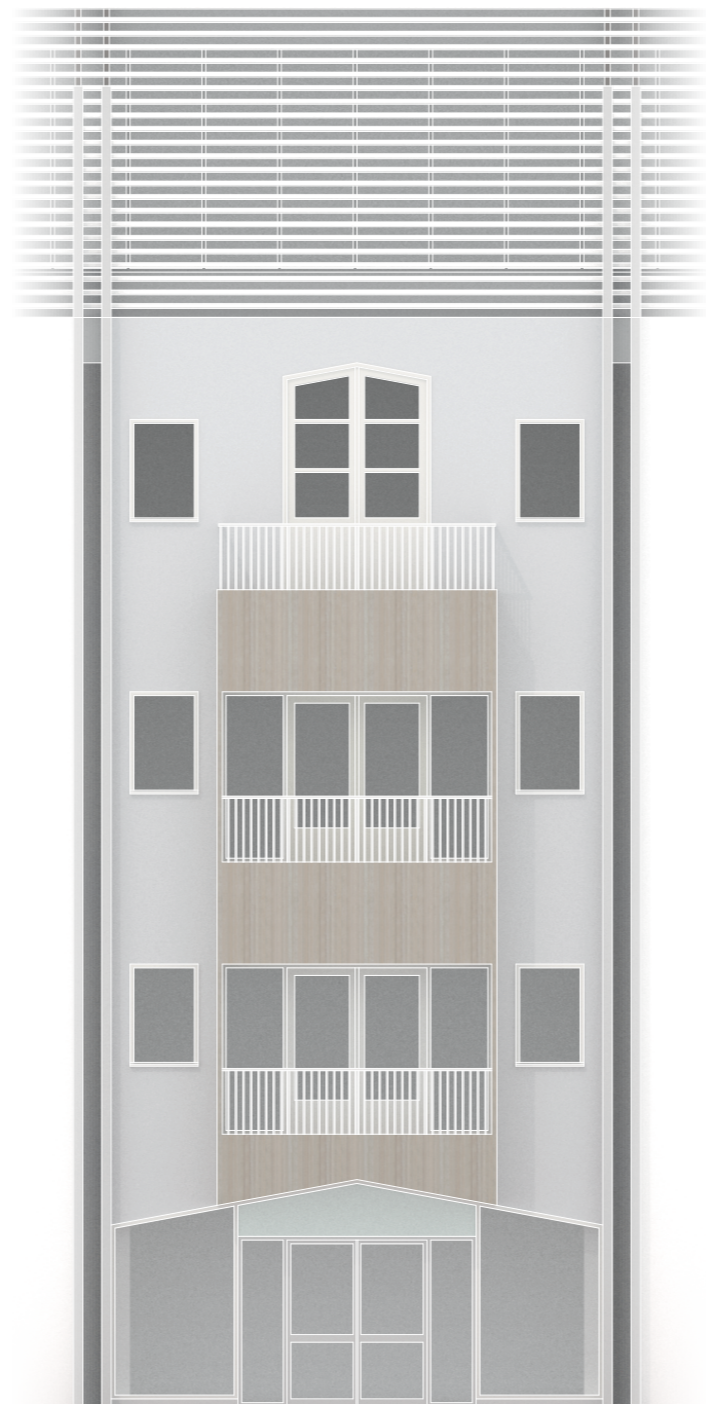
Extensions 2/10

Balconies 3/10

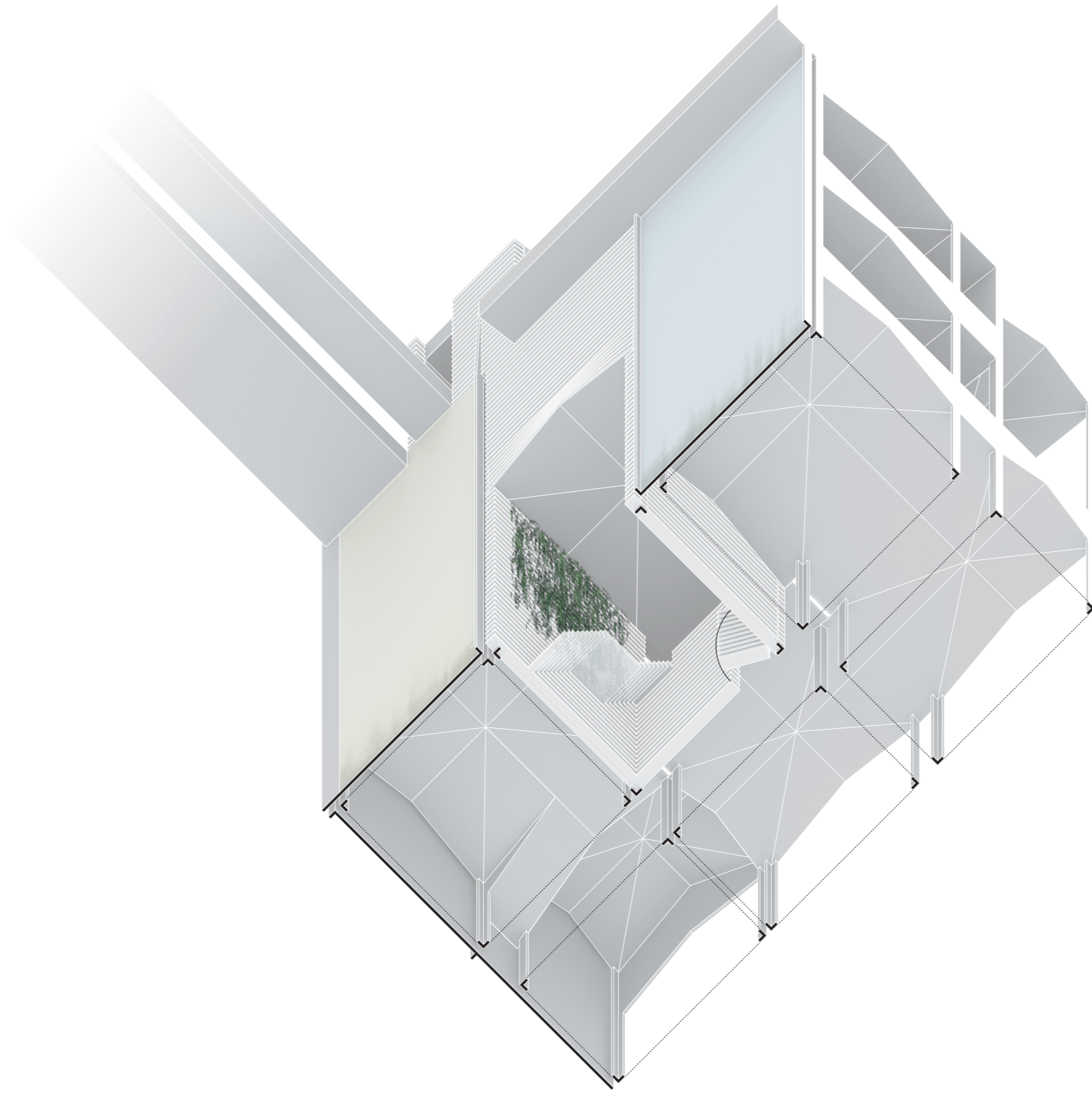




45%  
31%

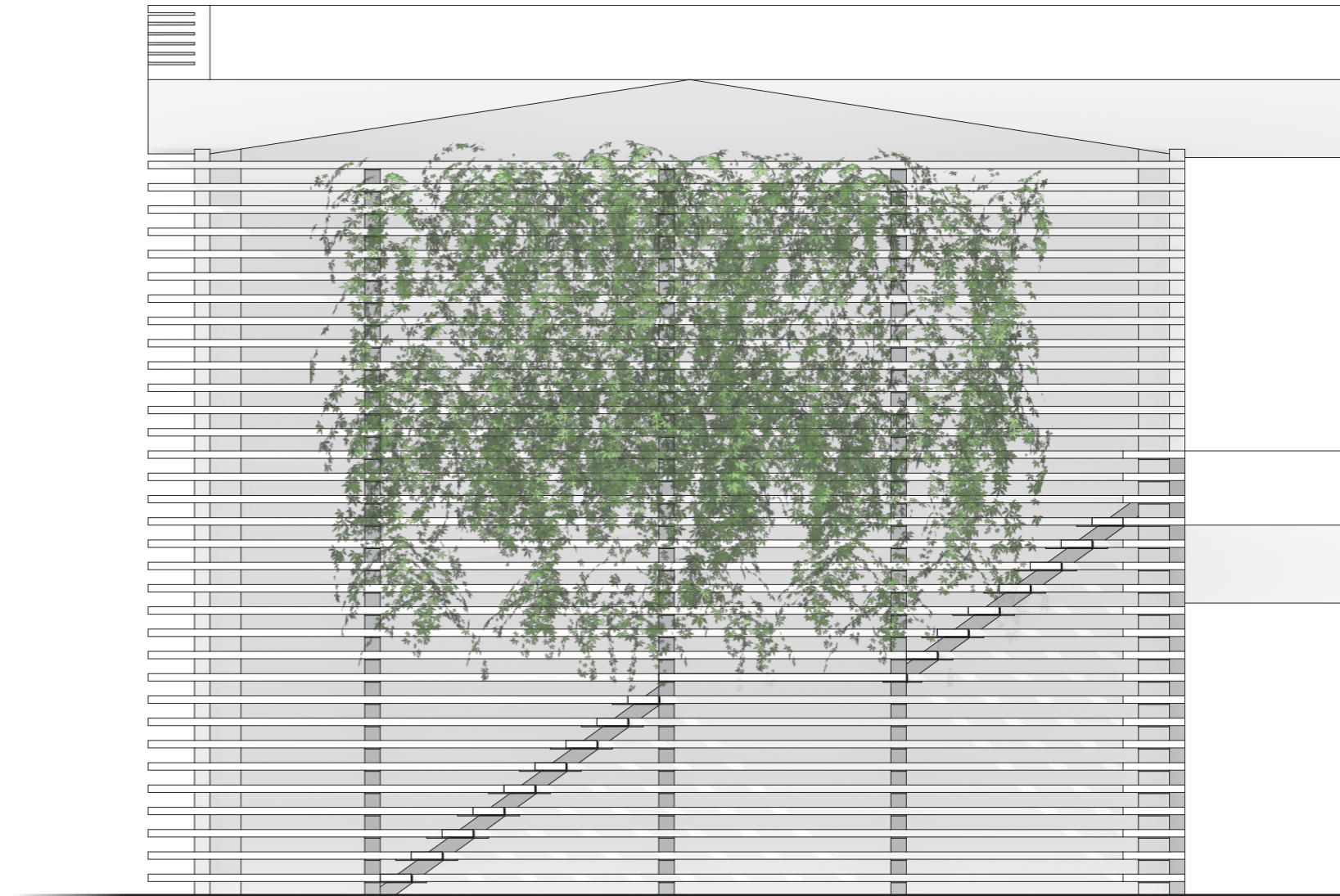
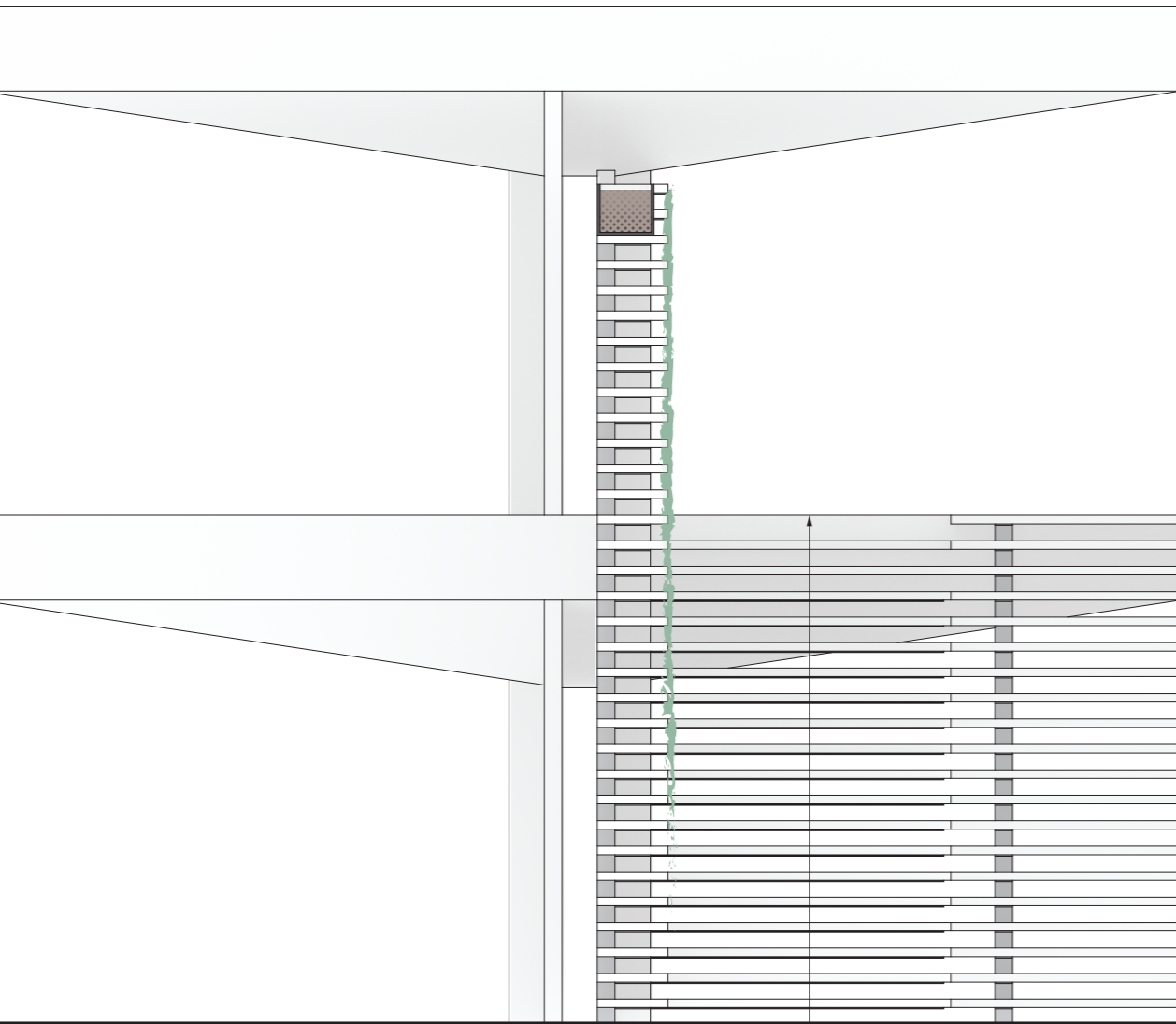






**ENTRANCE**  
Graphic interruption

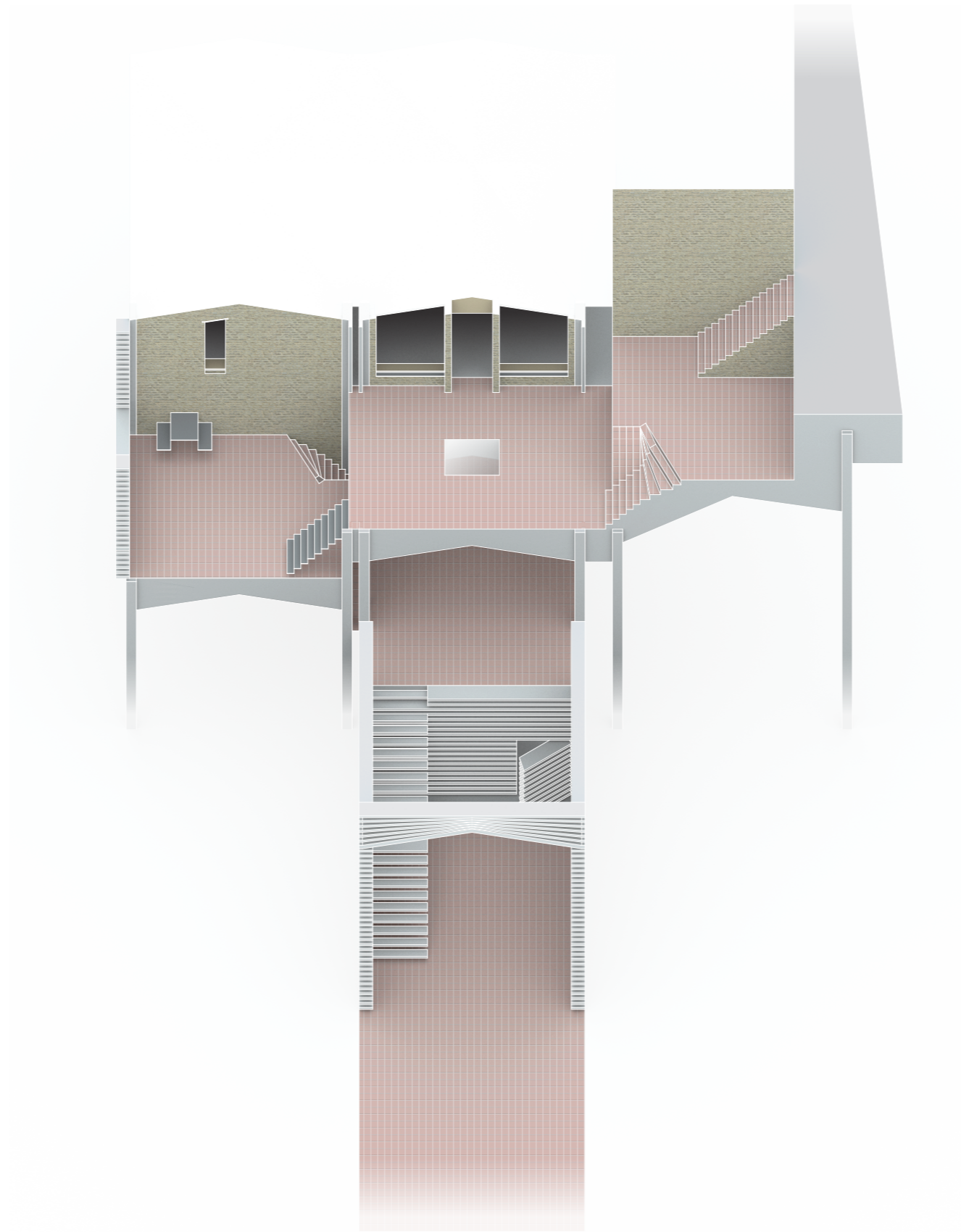
1:200  
0 m 2 m 10 m



**ENTRANCE**  
Graphic interruption

1:50  
0 m 0.5 m 2.5 m





**3D POCKET**  
The street doesn't end where the building begins



