

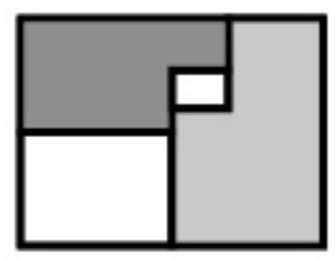
# A DIGITAL MARKET & WOMEN CENTER IN AROUMIATTE, MOROCCO



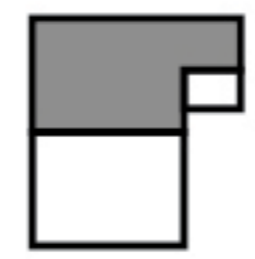
# CONTENT



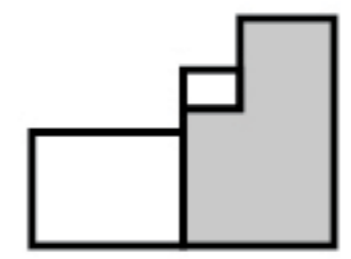
**URBAN DESIGN**



**ENSEMBLE**



**DIGITAL MARKET**



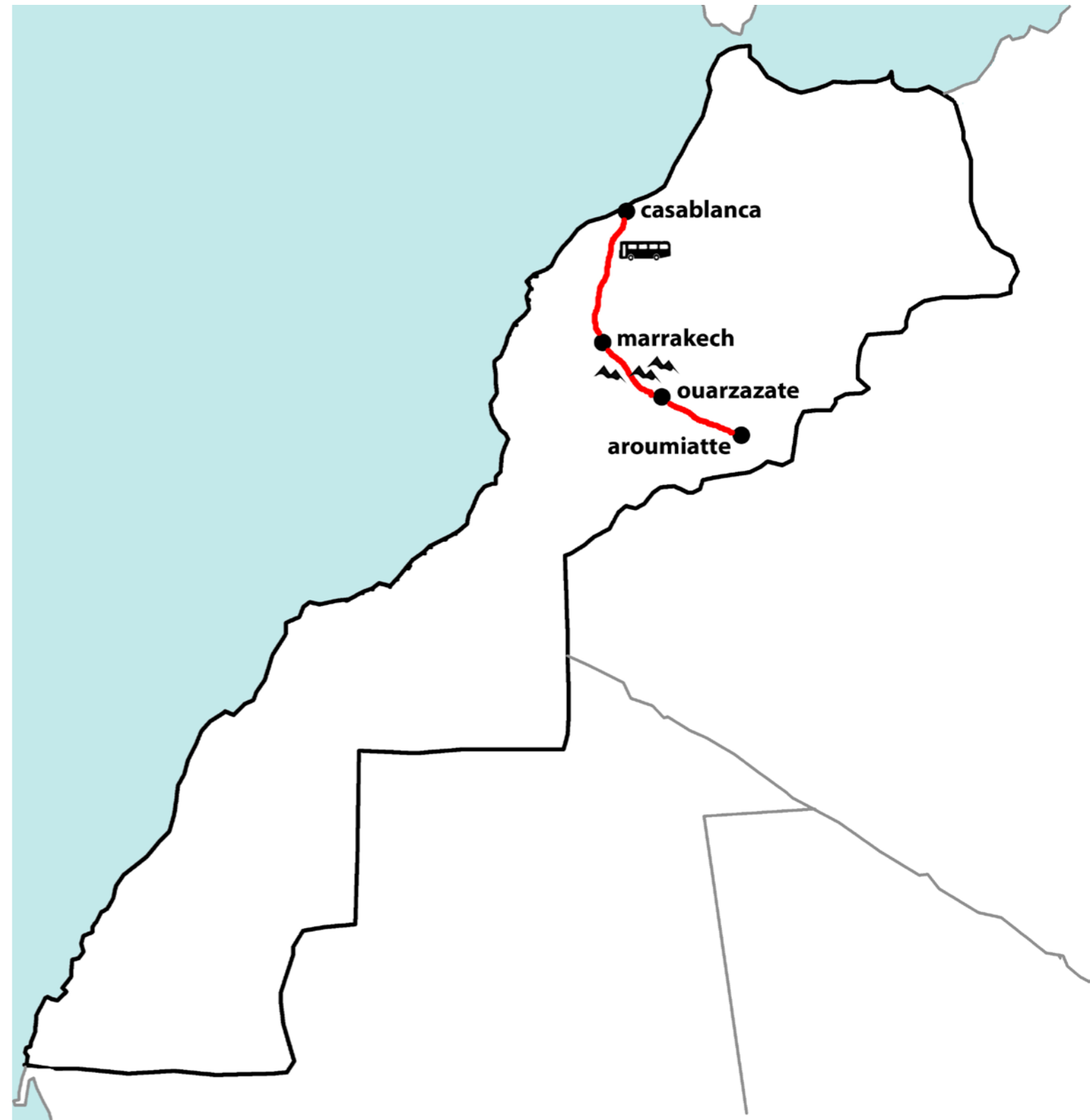
**WOMEN CENTER**

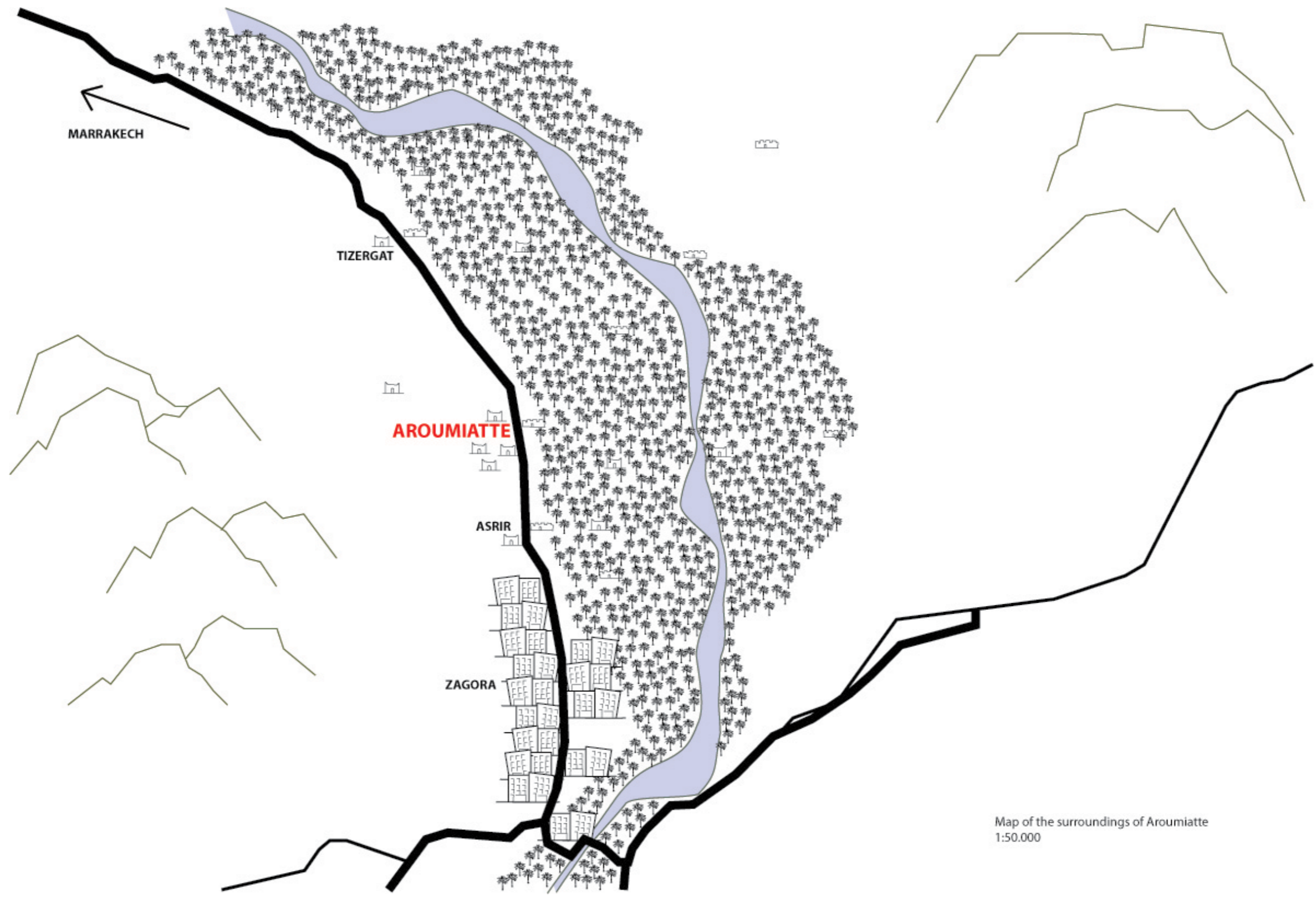


# FROM HOLLAND TO MOROCCO



# 13 HOUR BUS TRIP





Map of the surroundings of Aroumiatte  
1:50.000

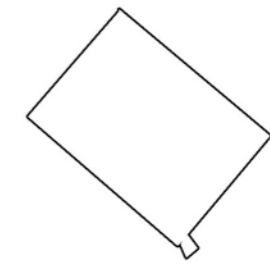
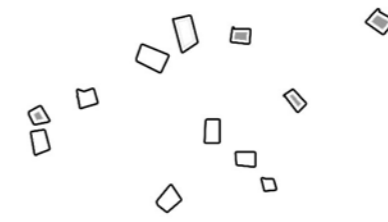








## Oulad Chilal



## Tizergat

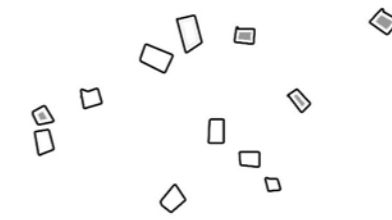


## Asrir / Zagora





Oulad Chilal



Tizergat

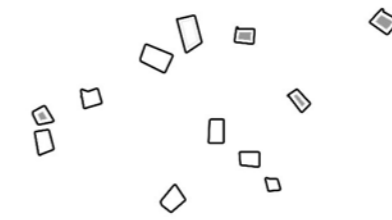


Asrir / Zagora

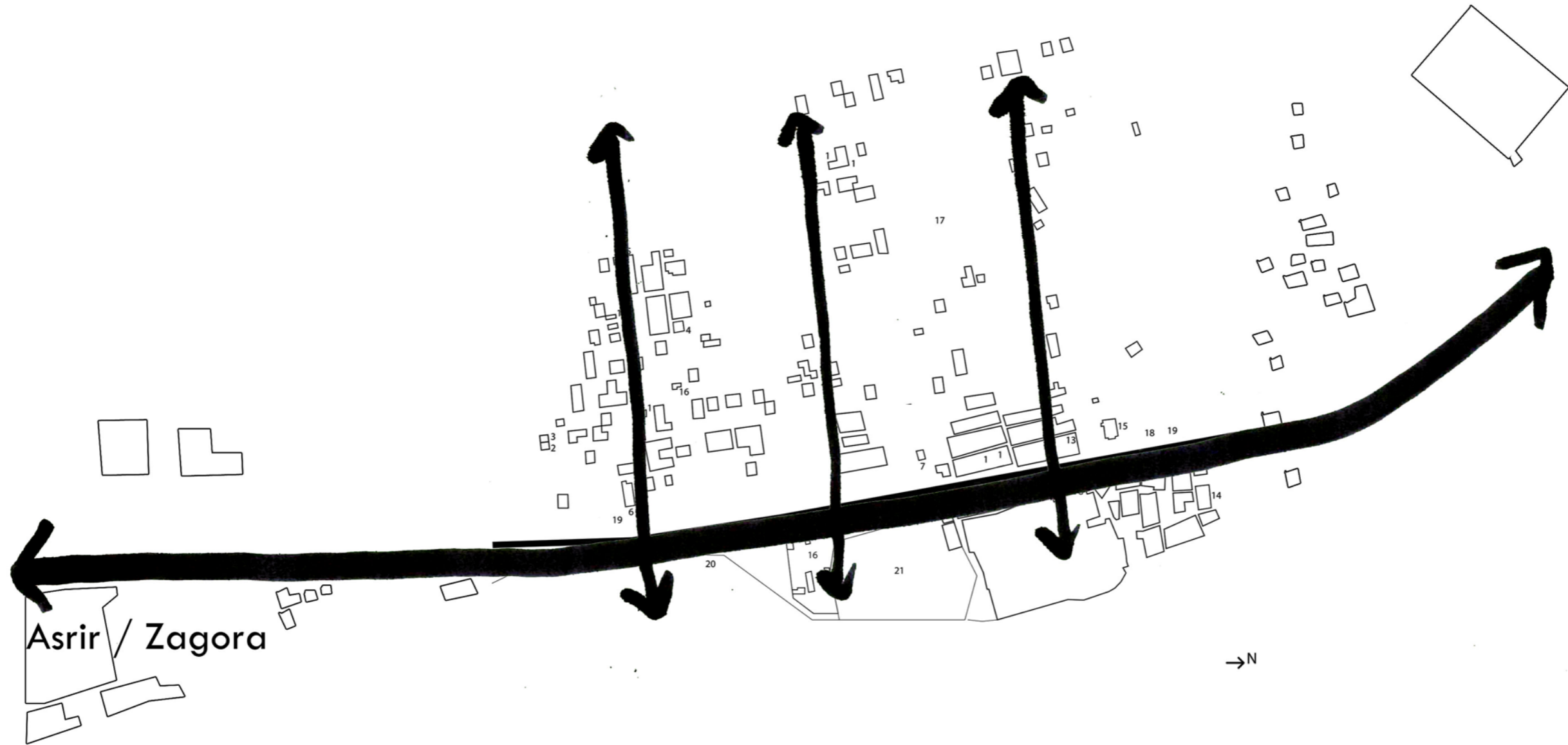




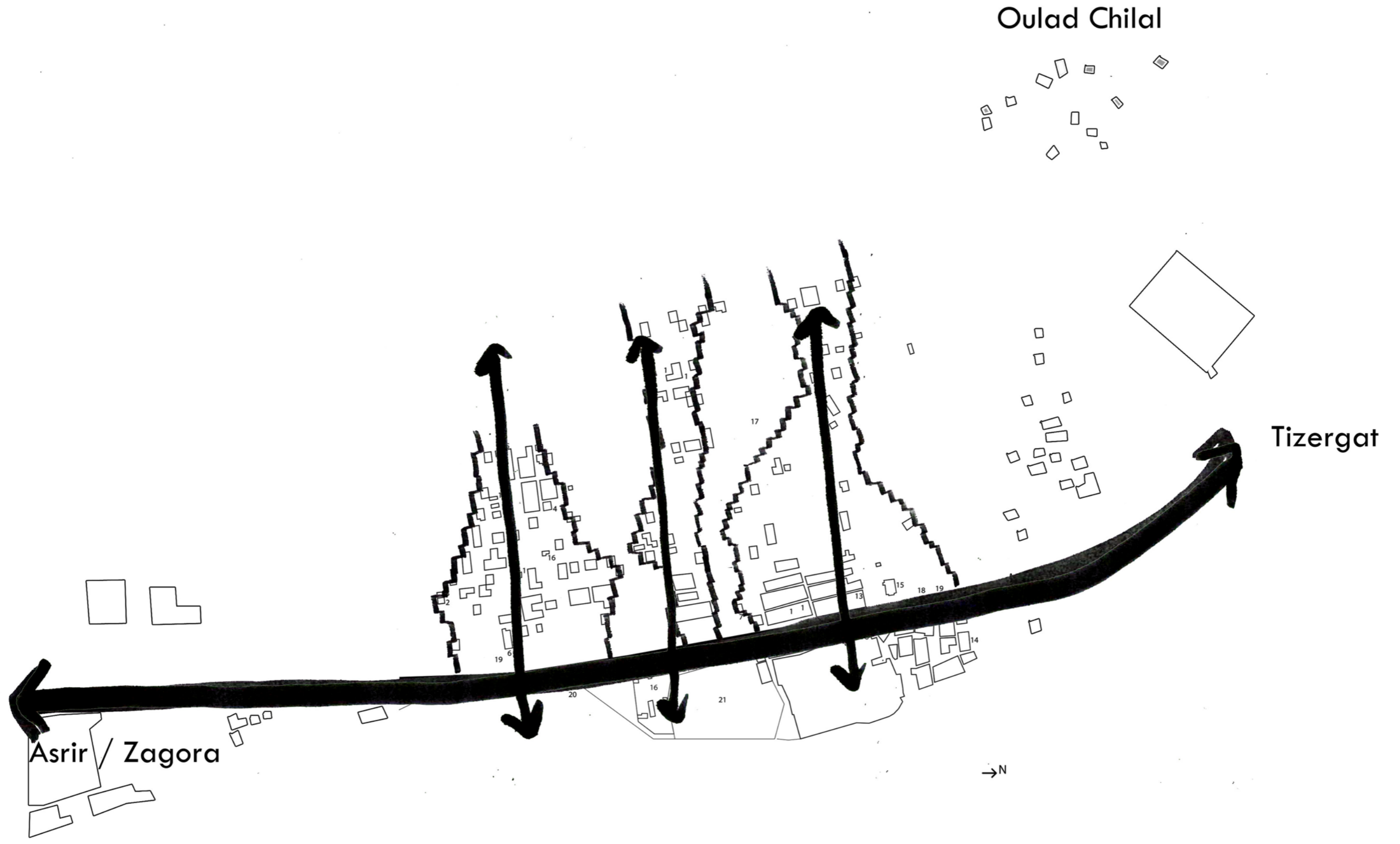
Oulad Chilal

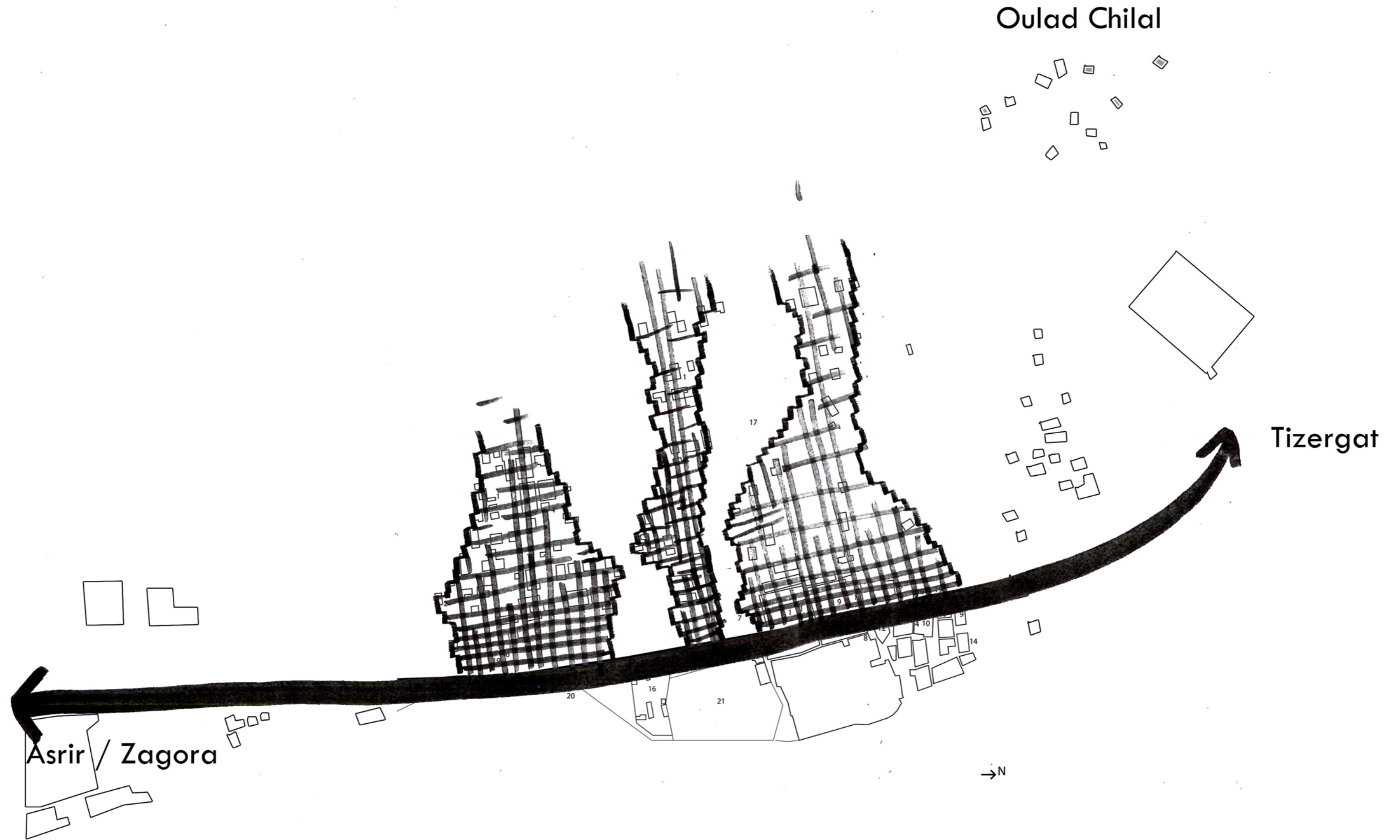


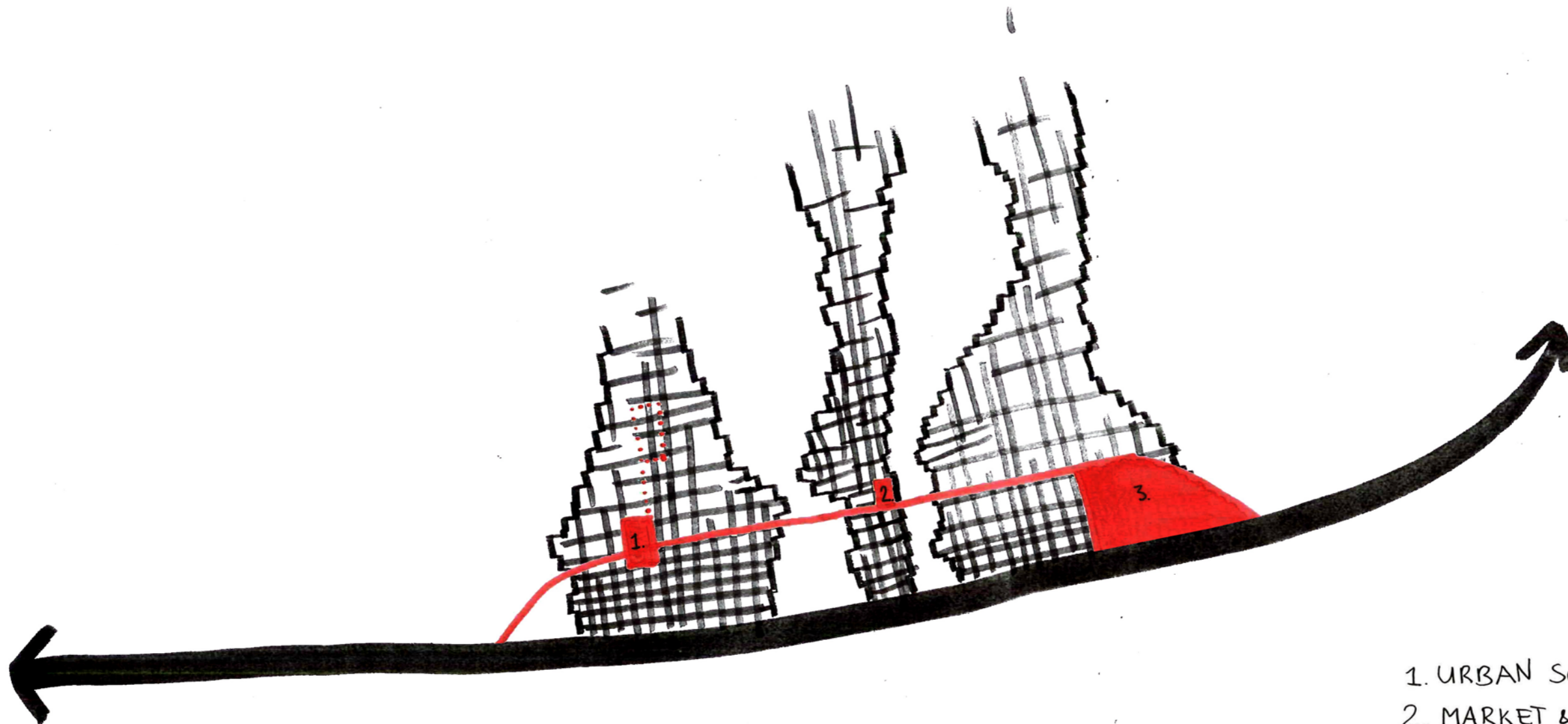
Tizergat







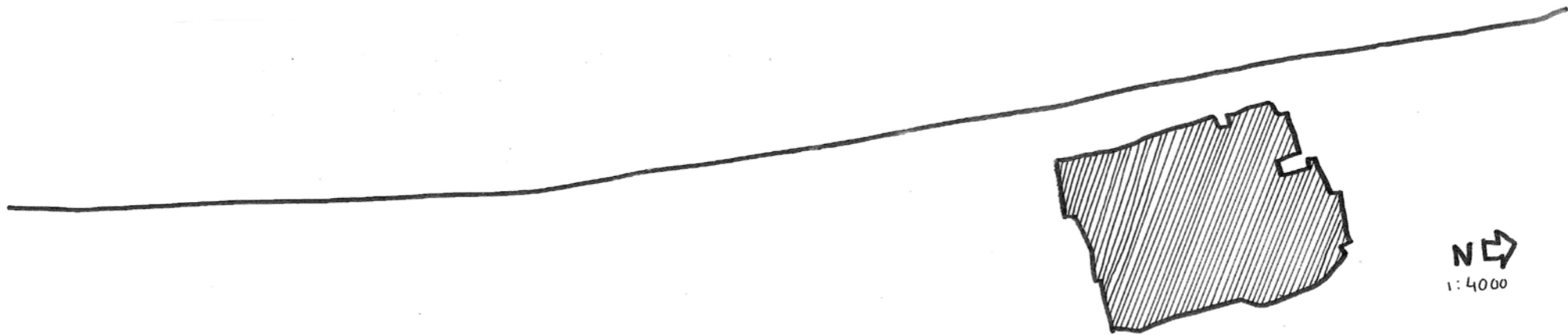




1. URBAN SQUARE
2. MARKET & MEETING SQUARE
3. RELIGIOUS SQUARE



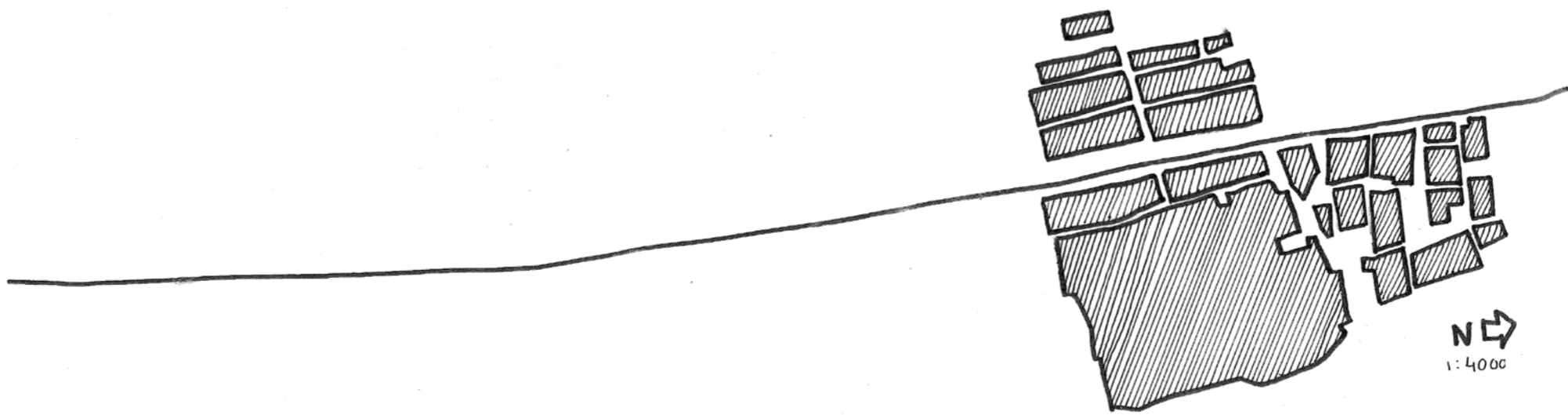
OLD KASBAH  
↓

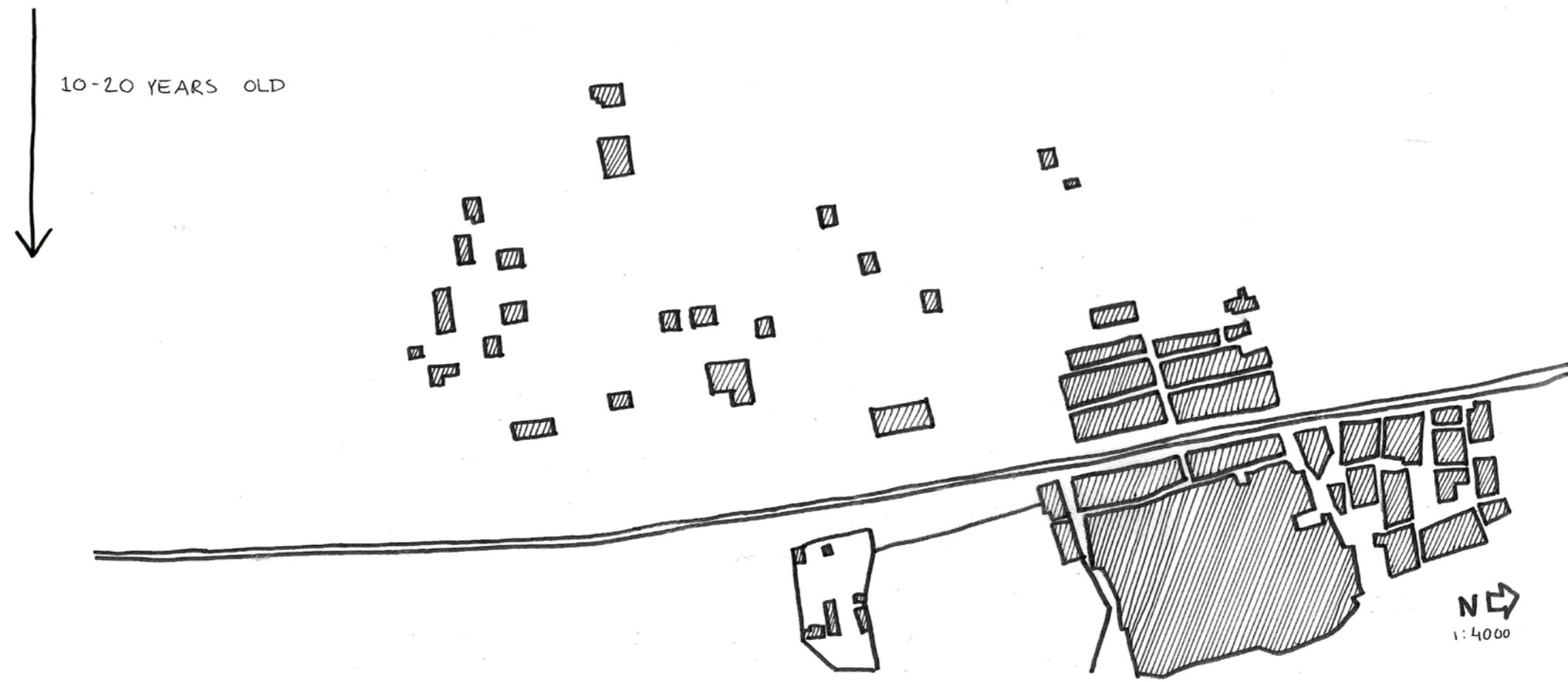


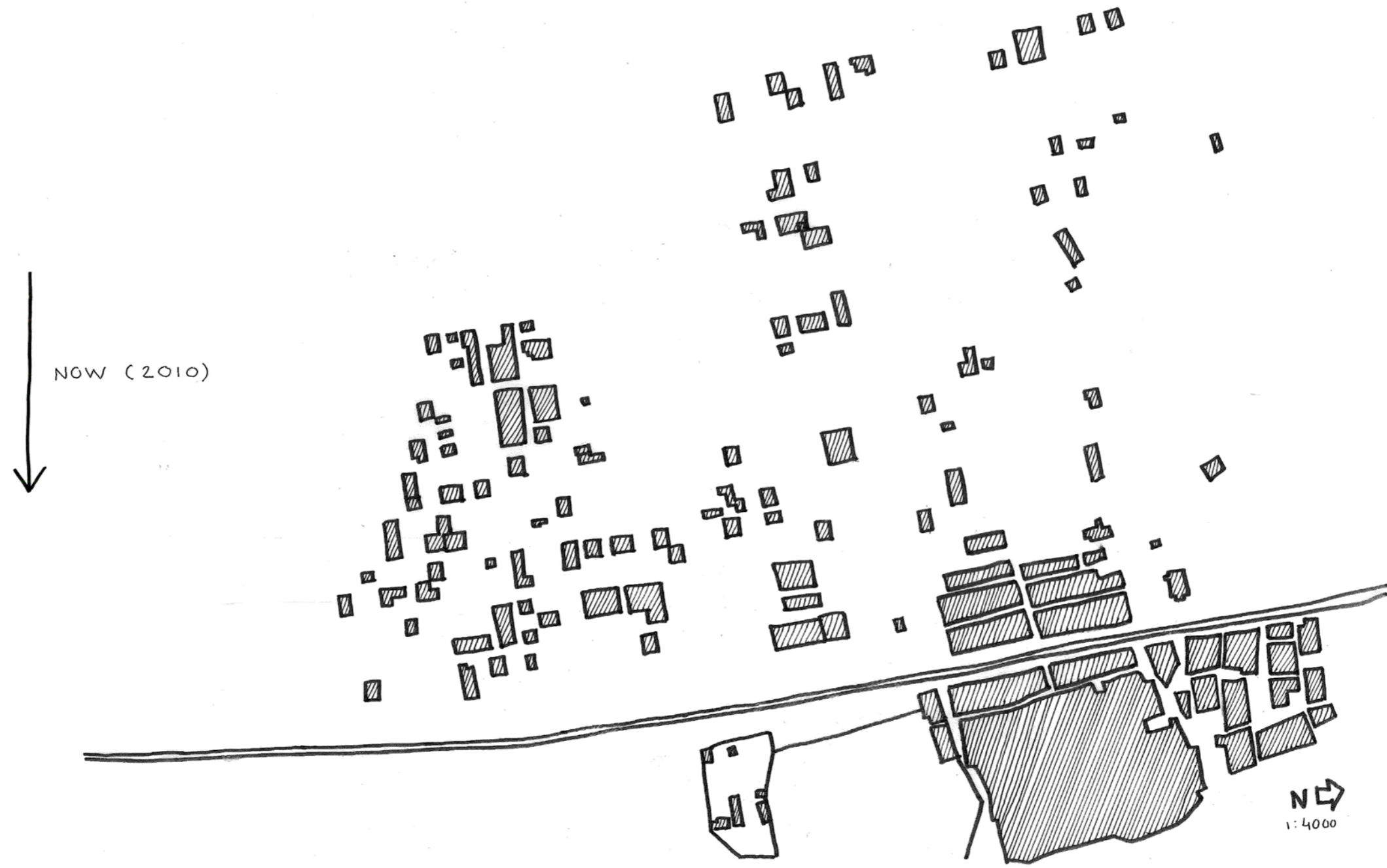


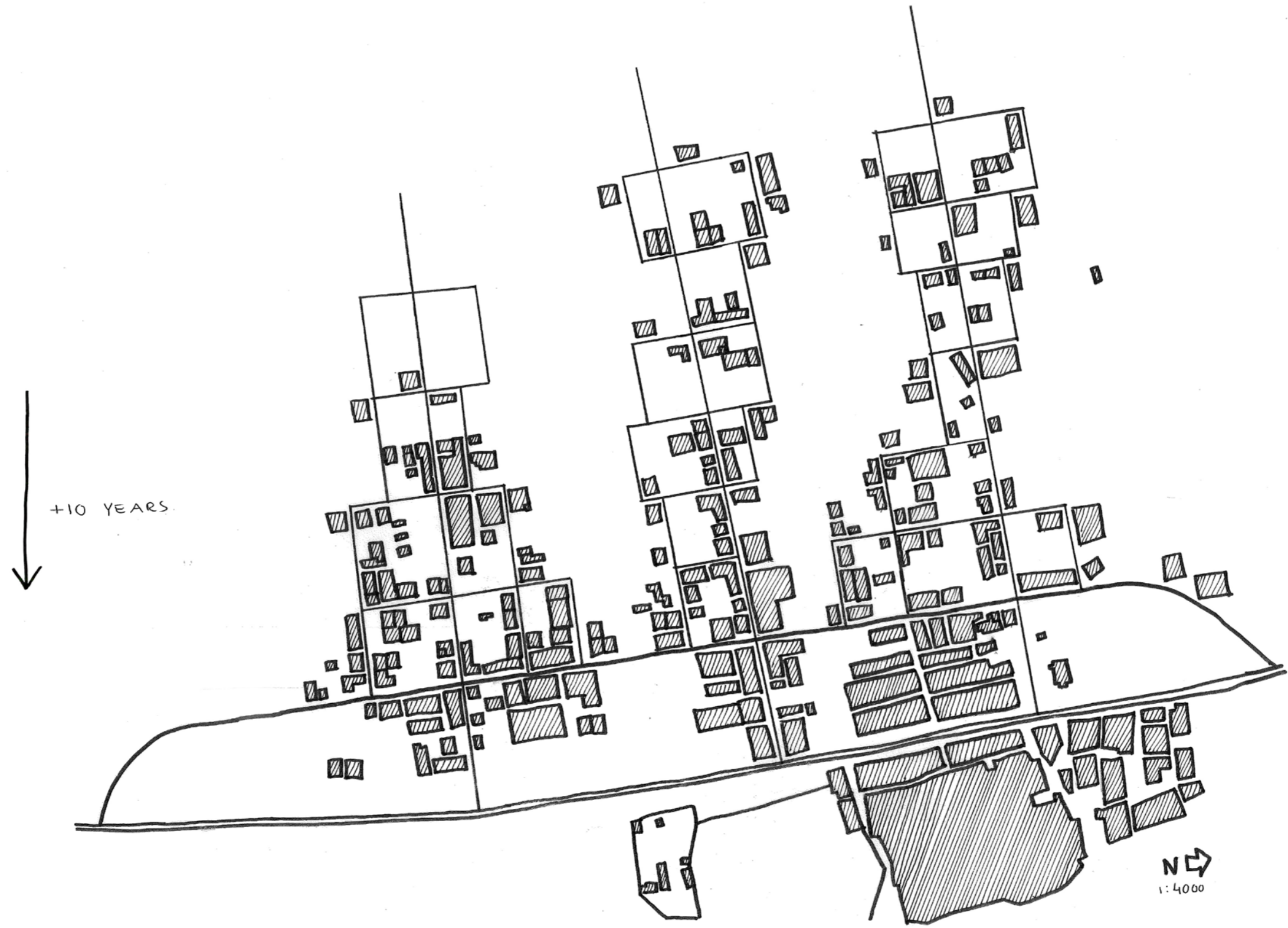


EXTENSION OF KASBAH  
↓

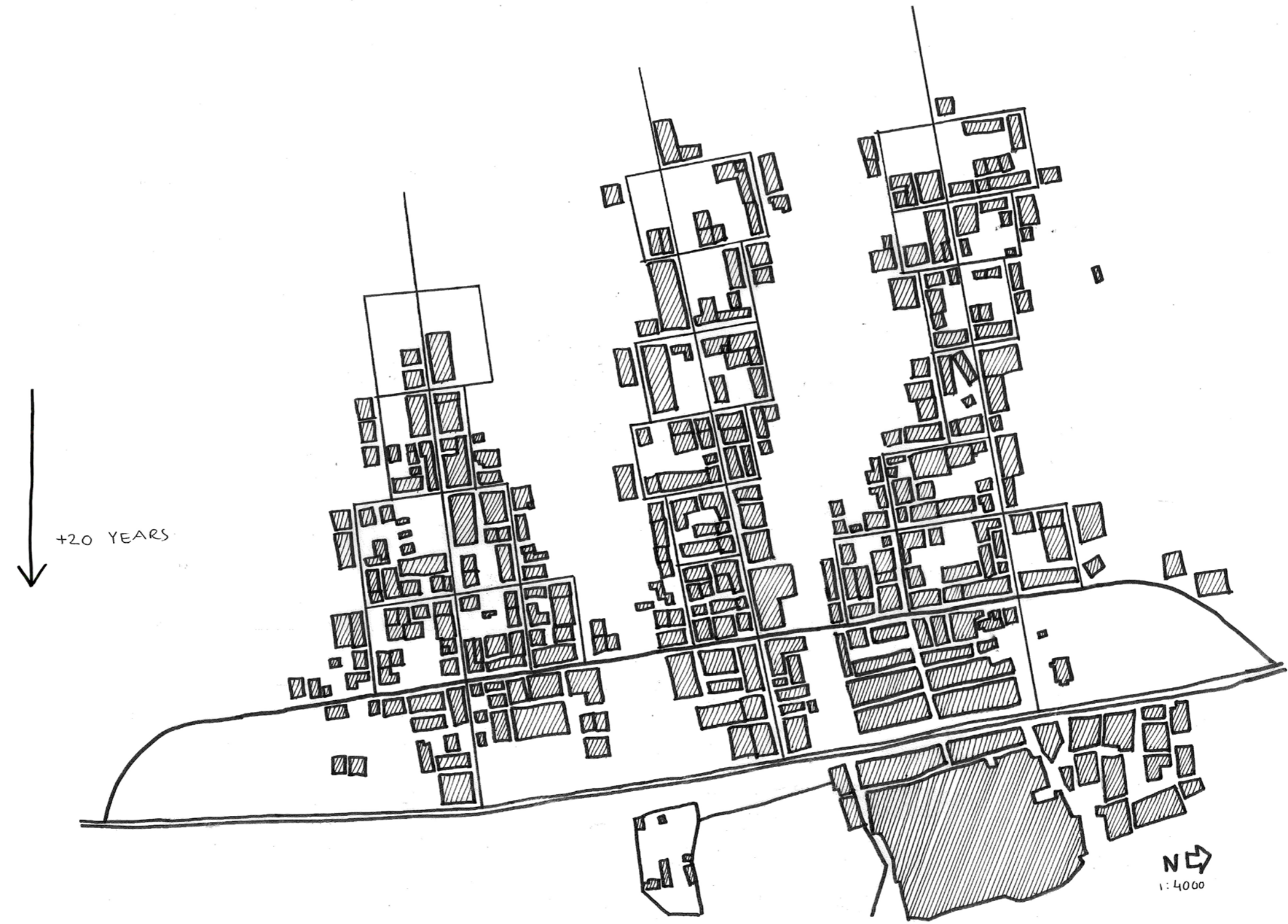


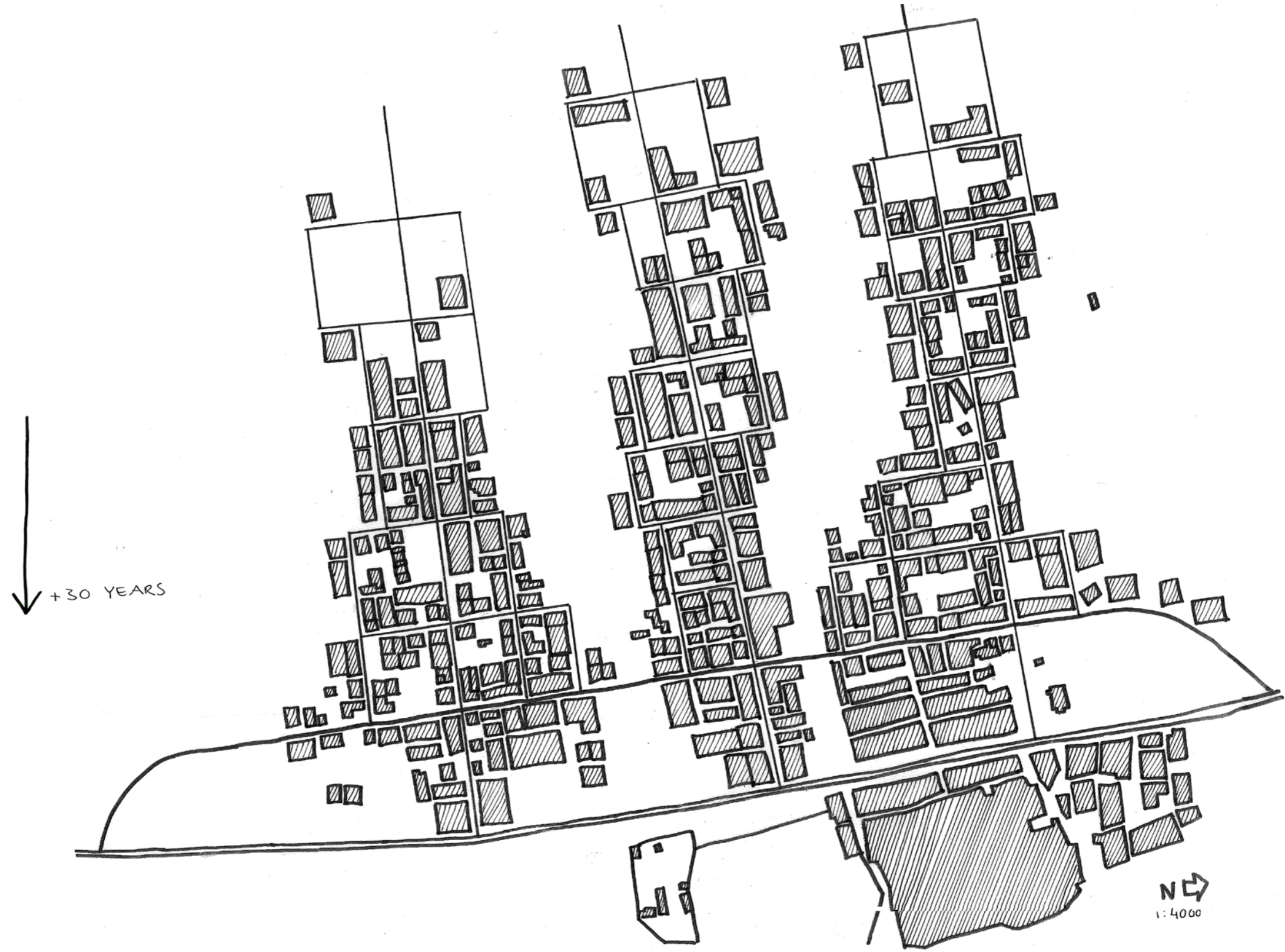




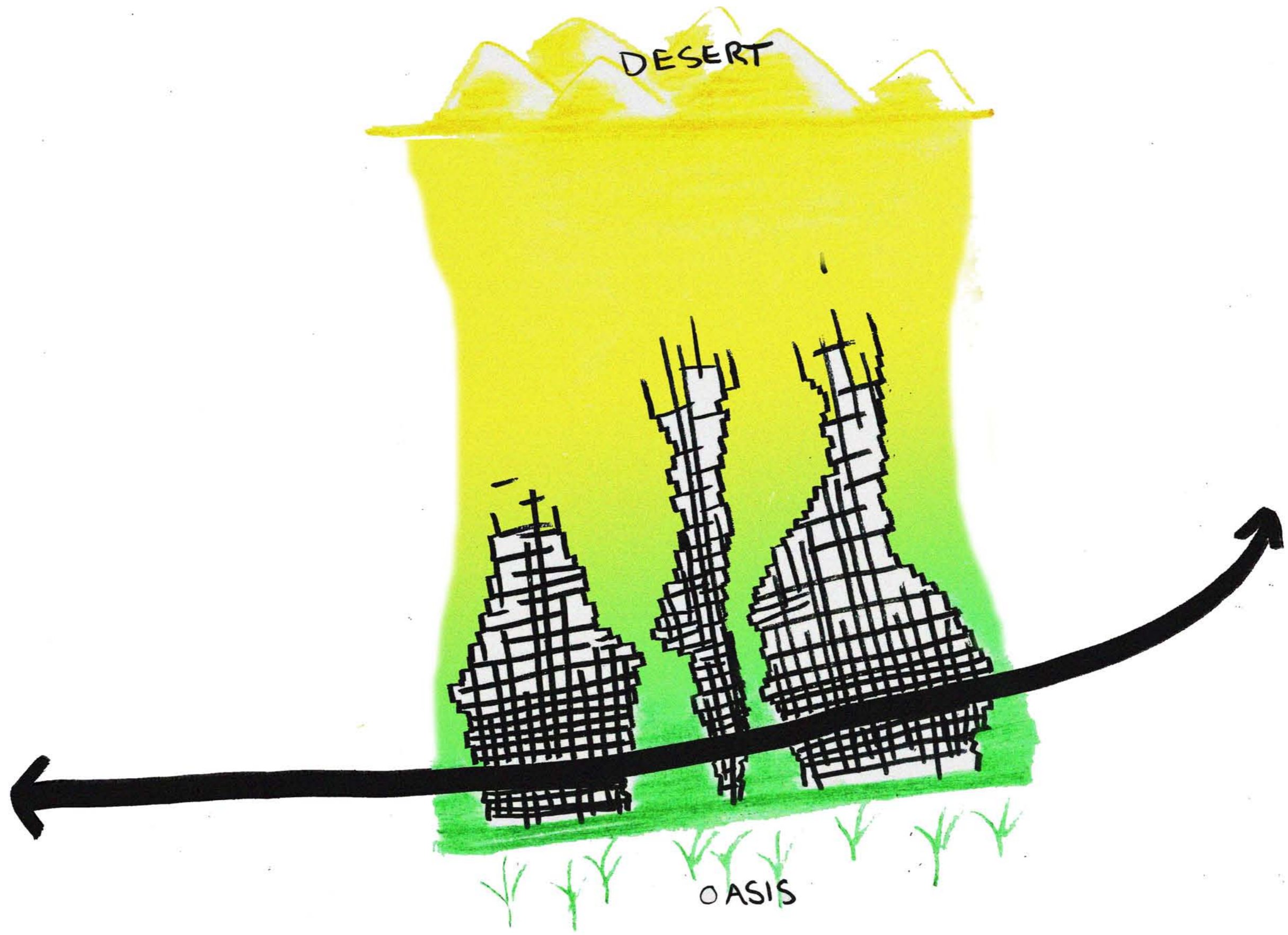




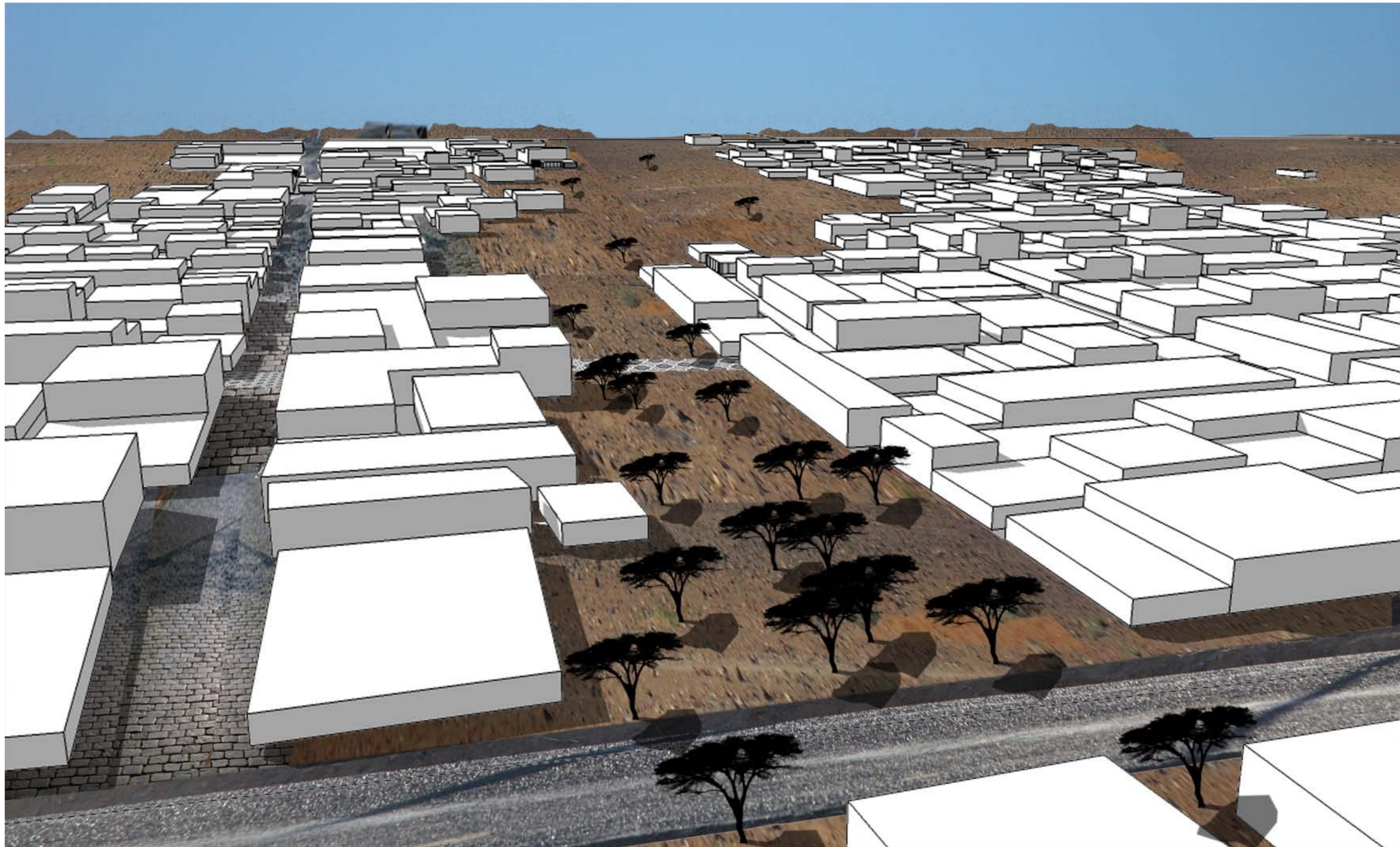




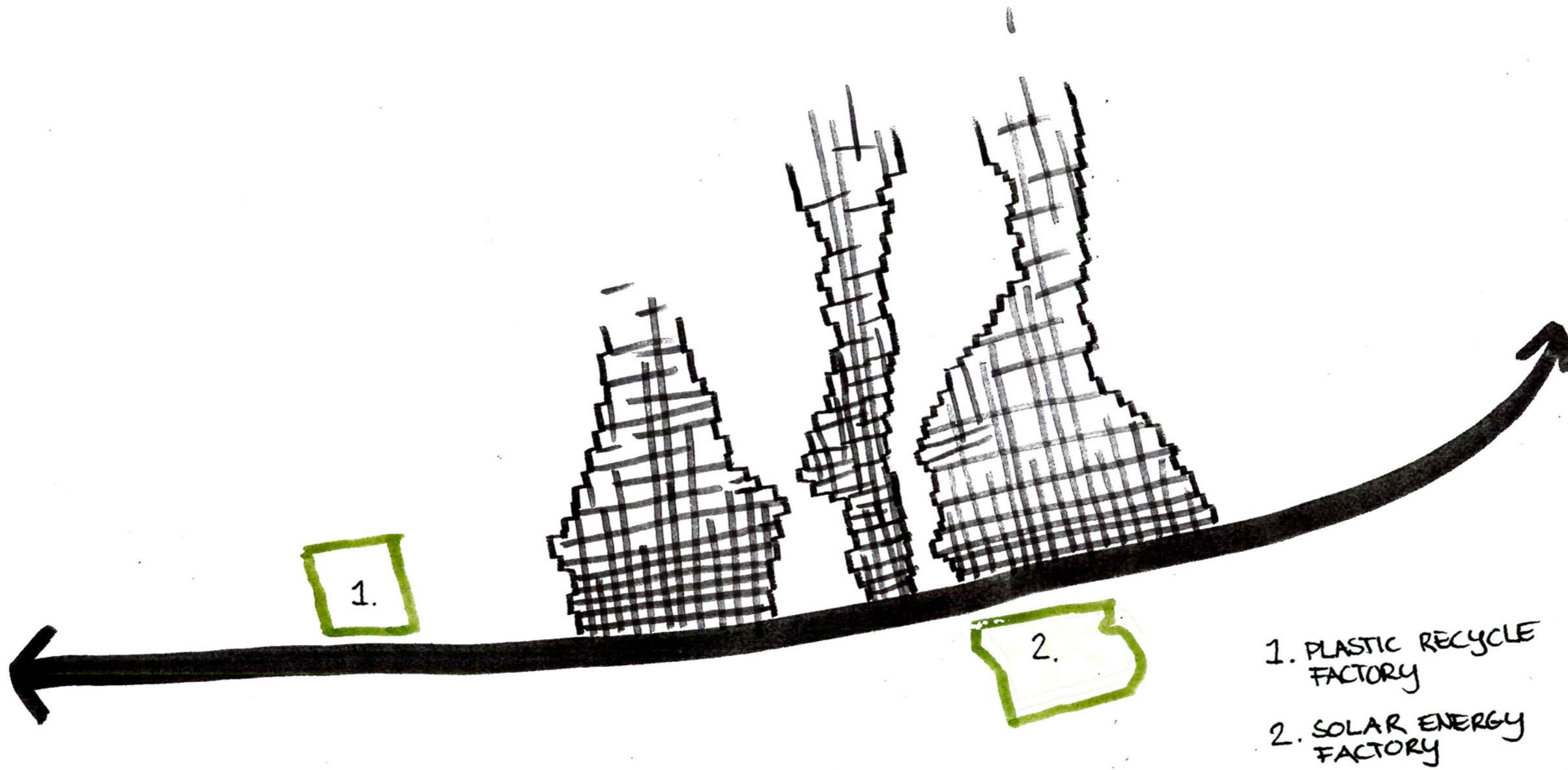










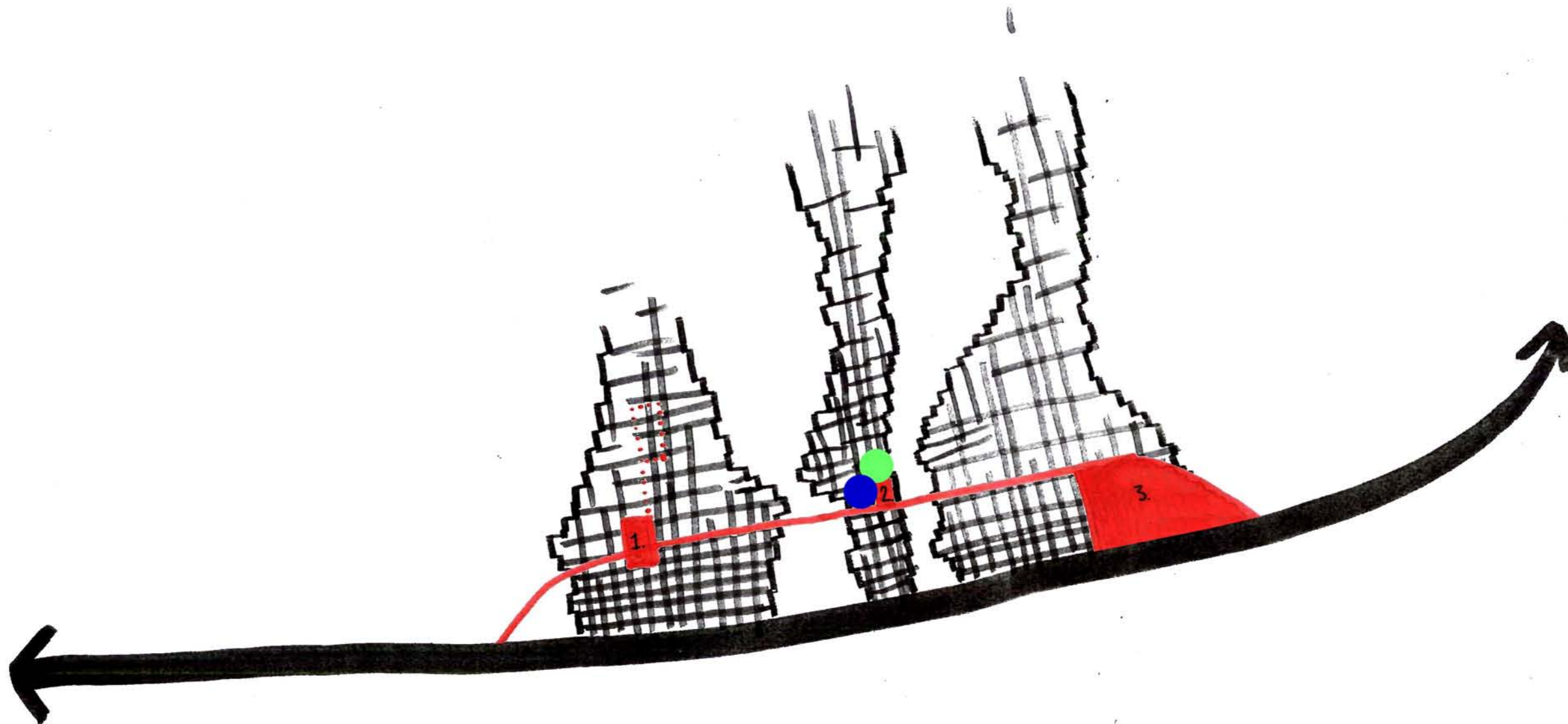














## history



island in desert  
power in trade  
network was broad  
richness of culture and wealth

## history



island in desert  
power in trade  
network was broad  
richness of culture and wealth

## now



island in desert  
transportation changed  
network is bordered by desert  
isolated



## history



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power in trade  
network was broad  
richness of culture and wealth

## now



island in desert  
transportation changed  
network is bordered by desert  
isolated

## future



island in desert  
knowledge and opportunities of internet  
network will broaden  
trade spirit will speak

**DIGITAL MARKET**

for network and trading

**history**



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power in trade  
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richness of culture and wealth

**now**



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network is bordered by desert  
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**future**



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**DIGITAL MARKET**

for network and trading



Ksar in the desert  
Men as head of the family  
Men work  
Women do the household

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## DIGITAL MARKET

for network and trading



Ksar in the desert  
Men as head of the family  
Men work  
Women do the household



Men leave to the city to work  
Women stay behind, alone with  
the young children

**history**



island in desert  
power in trade  
network was broad  
richness of culture and wealth

**now**



island in desert  
transportation changed  
network is bordered by desert  
isolated

**future**



island in desert  
knowledge and opportunities of internet  
network will broaden  
trade spirit will speak

**DIGITAL MARKET**

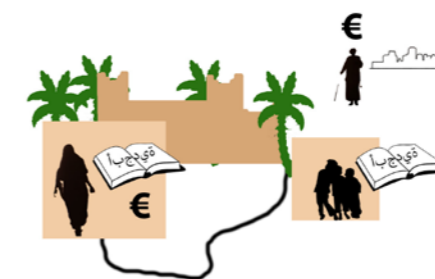
for network and trading



Ksar in the desert  
Men as head of the family  
Men work  
Women do the household



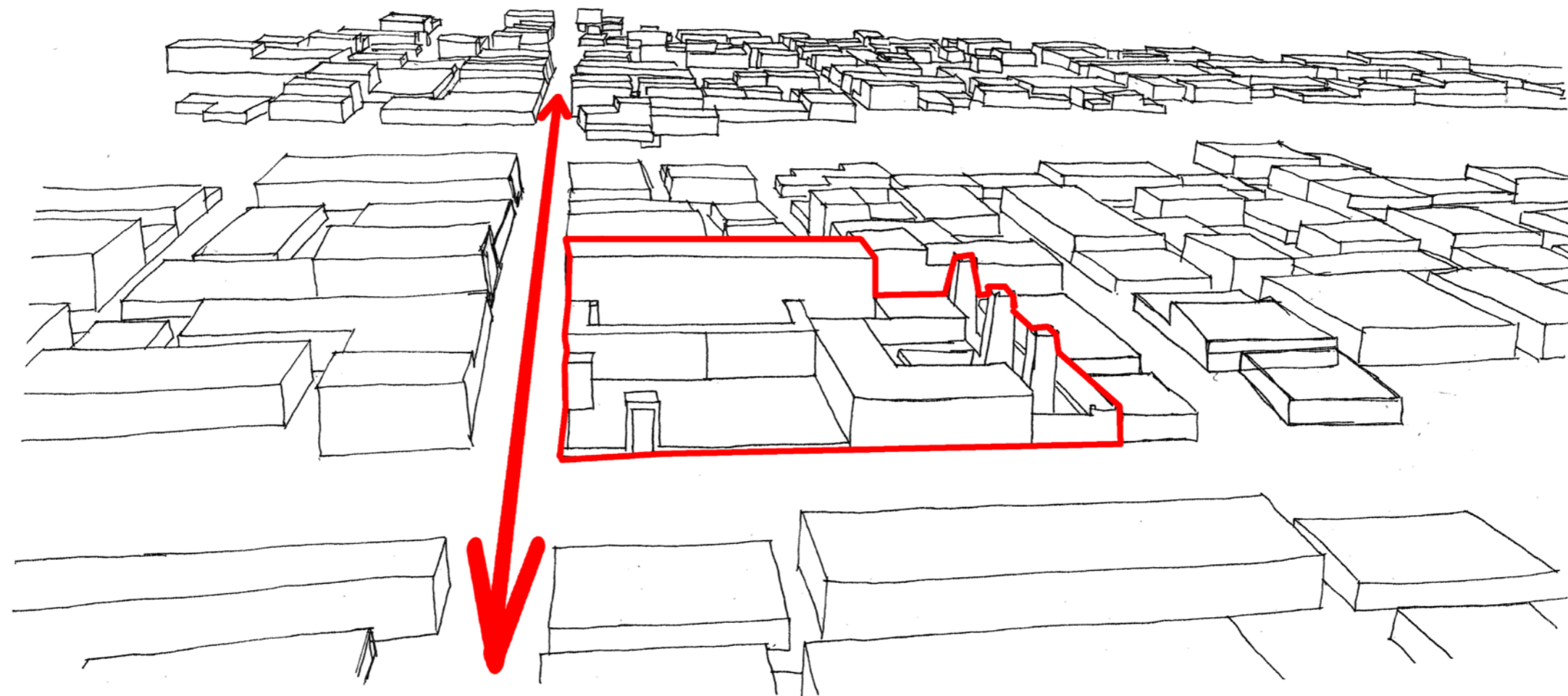
Men leave to the city to work  
Women stay behind, alone with  
the young children



Children go to school or daycare  
Women learn at the women centre  
They will manage their own business  
Their power will speak

**WOMEN CENTER**

for meeting, developing and  
managing



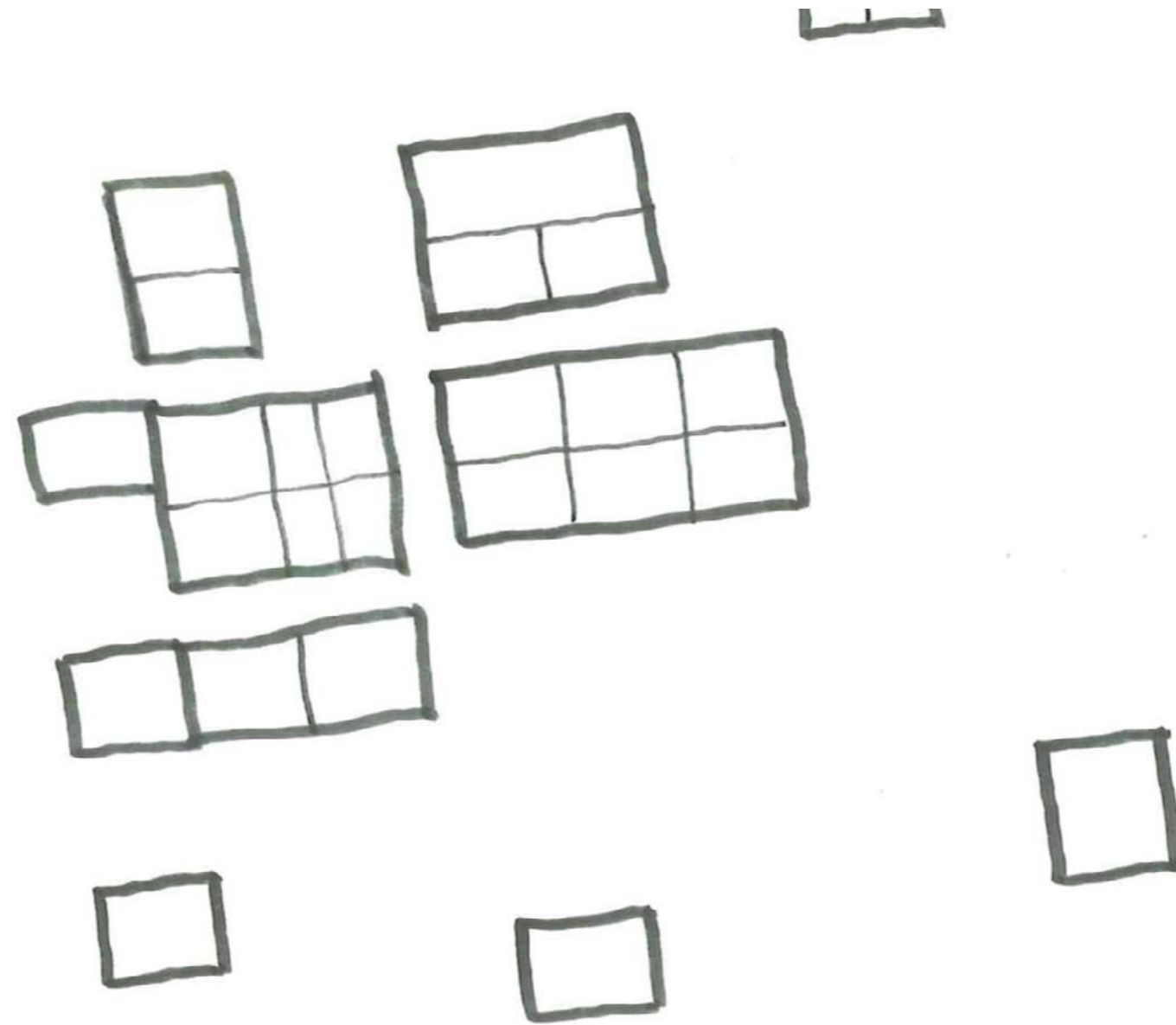












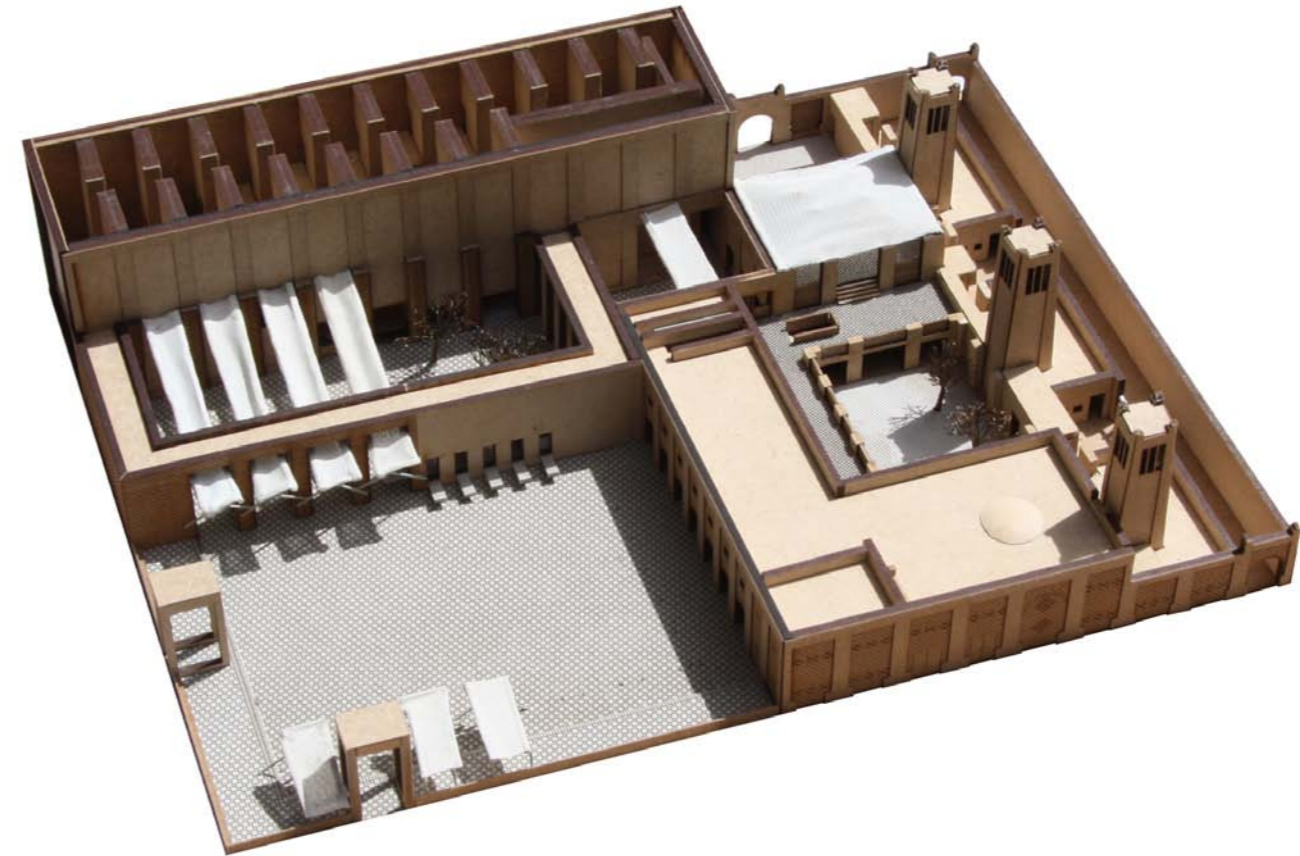
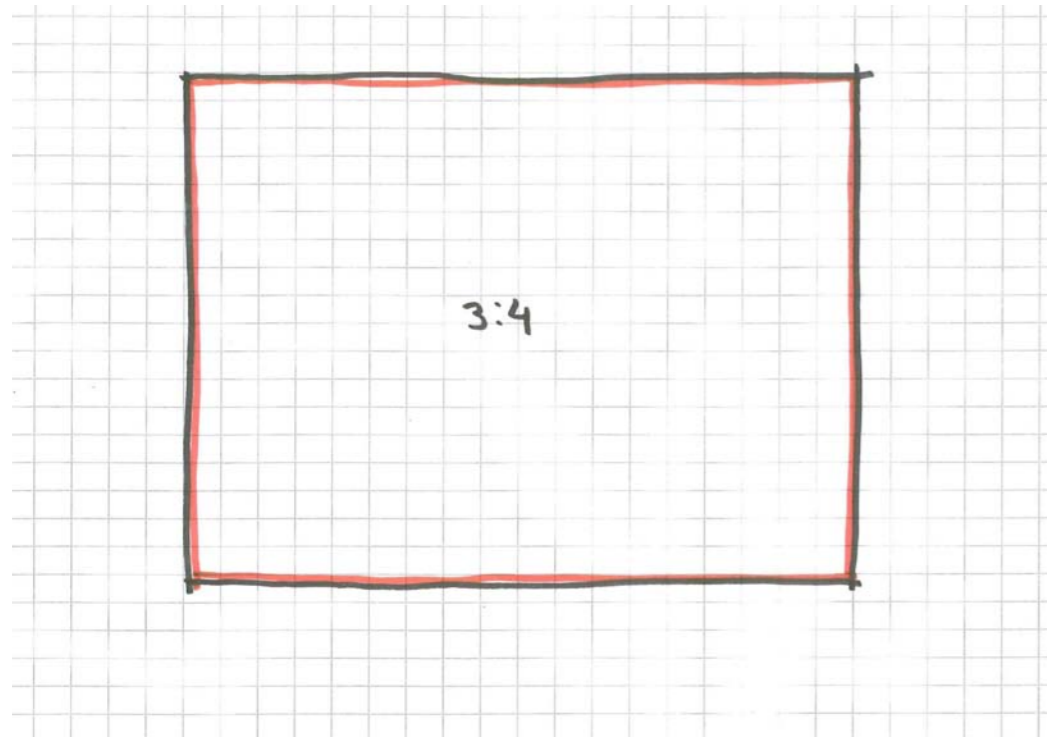




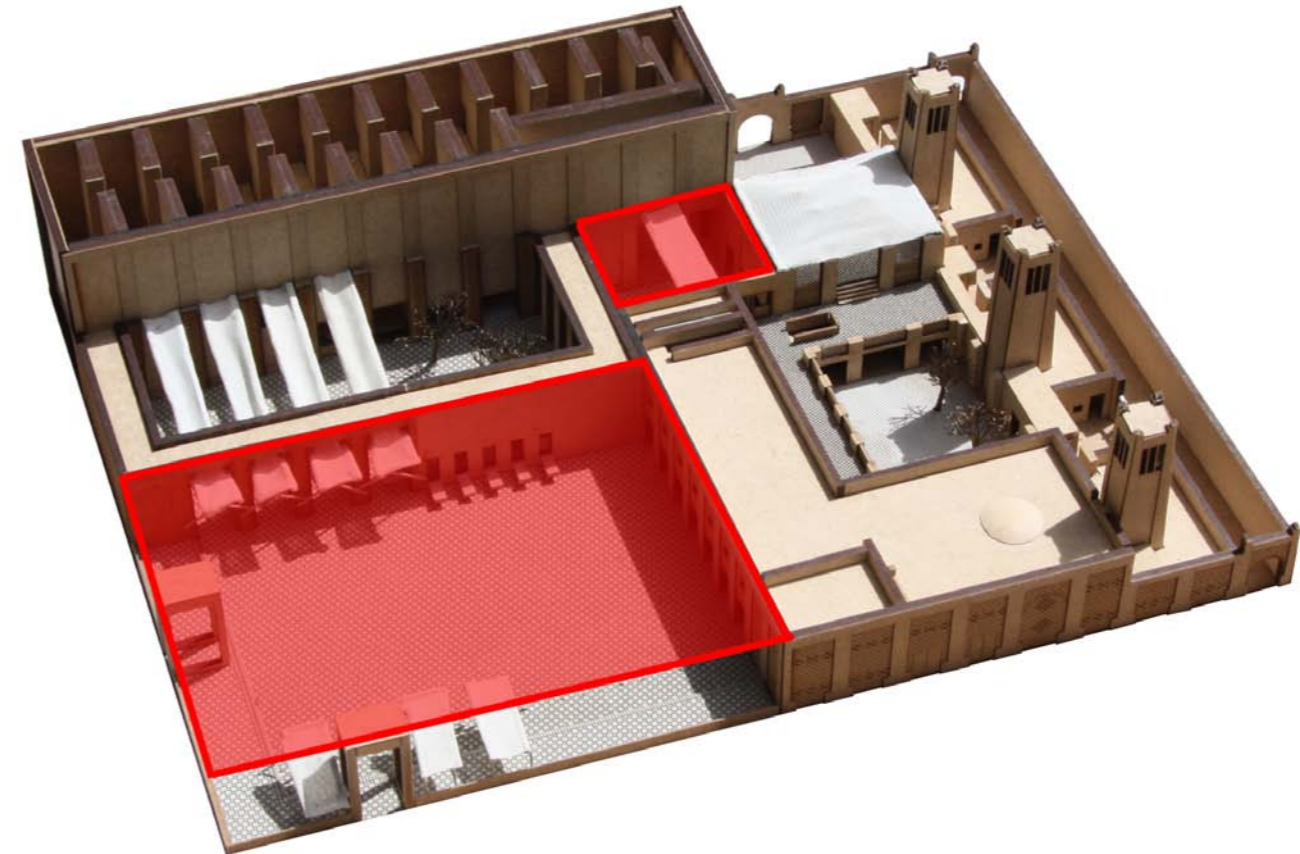
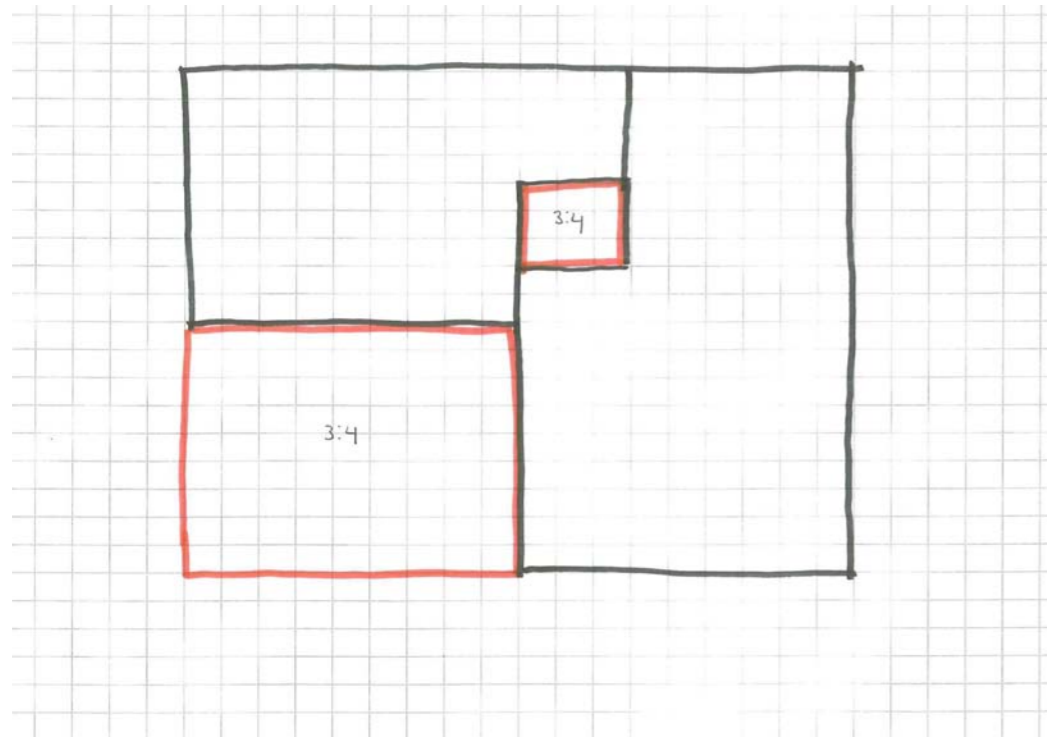
# CONCEPT relation to village



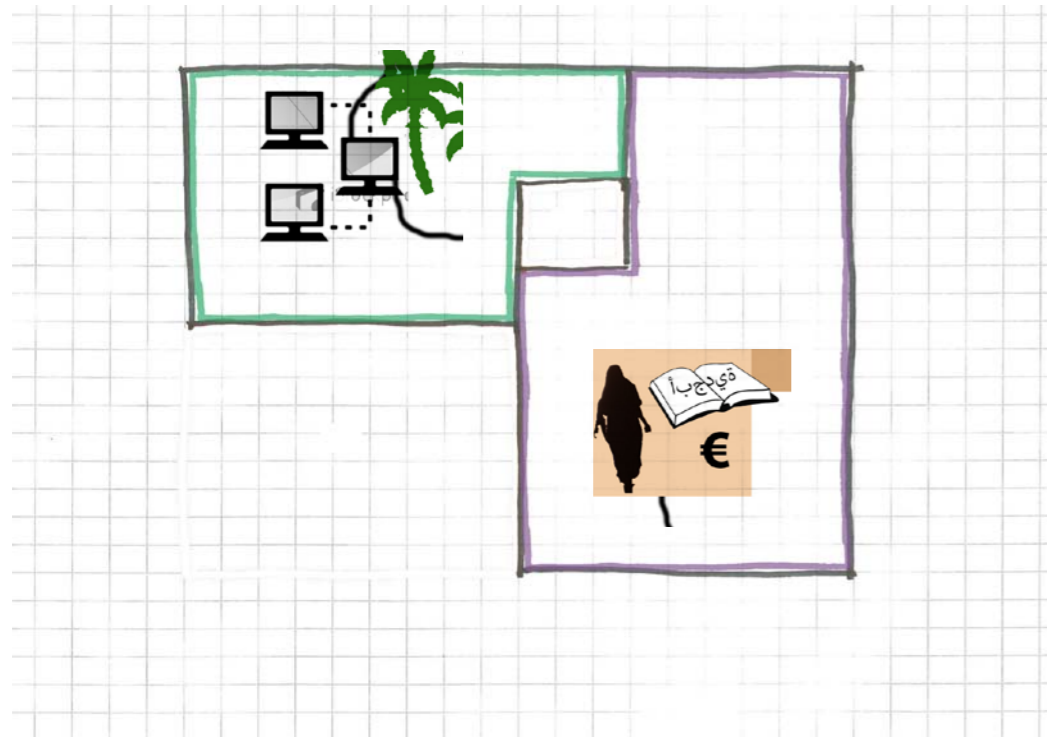
# CONCEPT relation to village



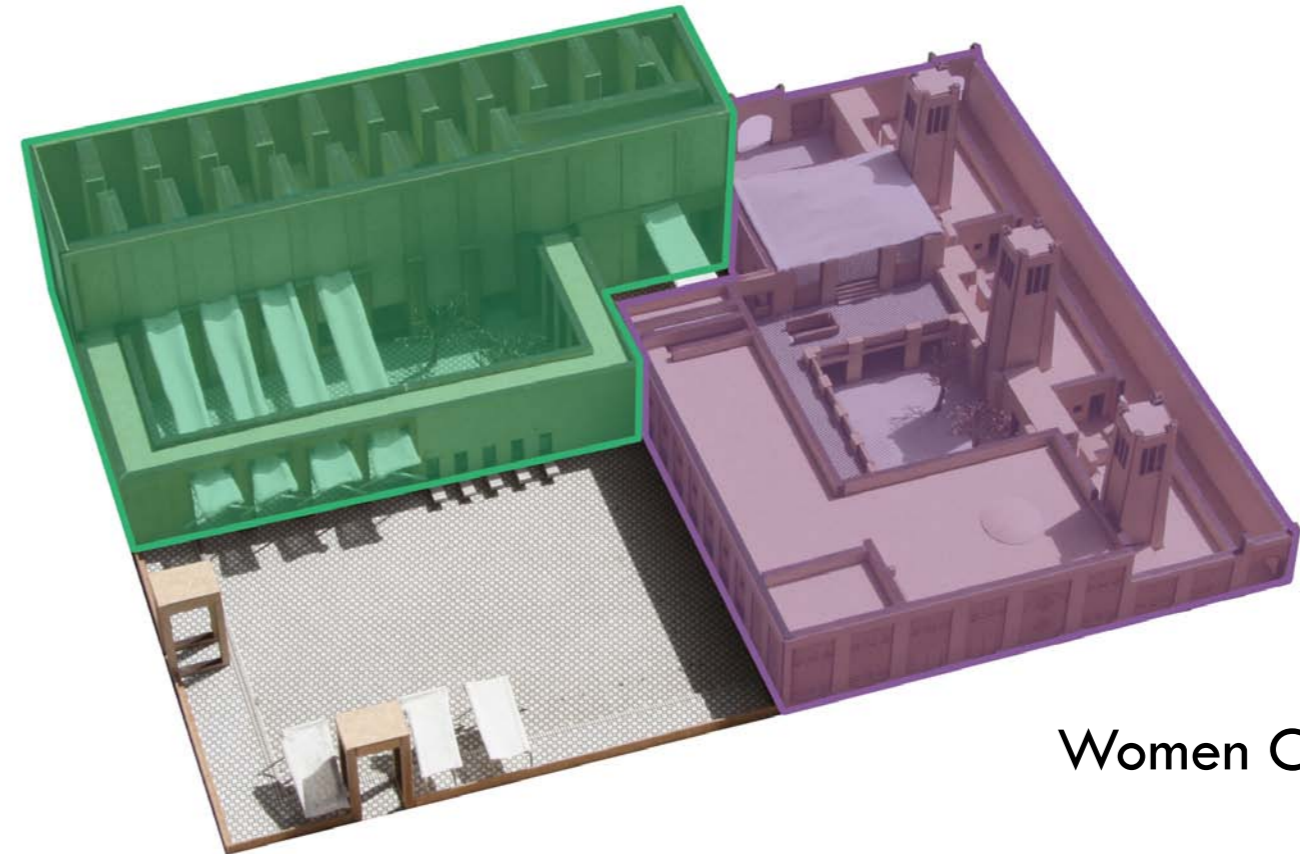
# CONCEPT relation to village





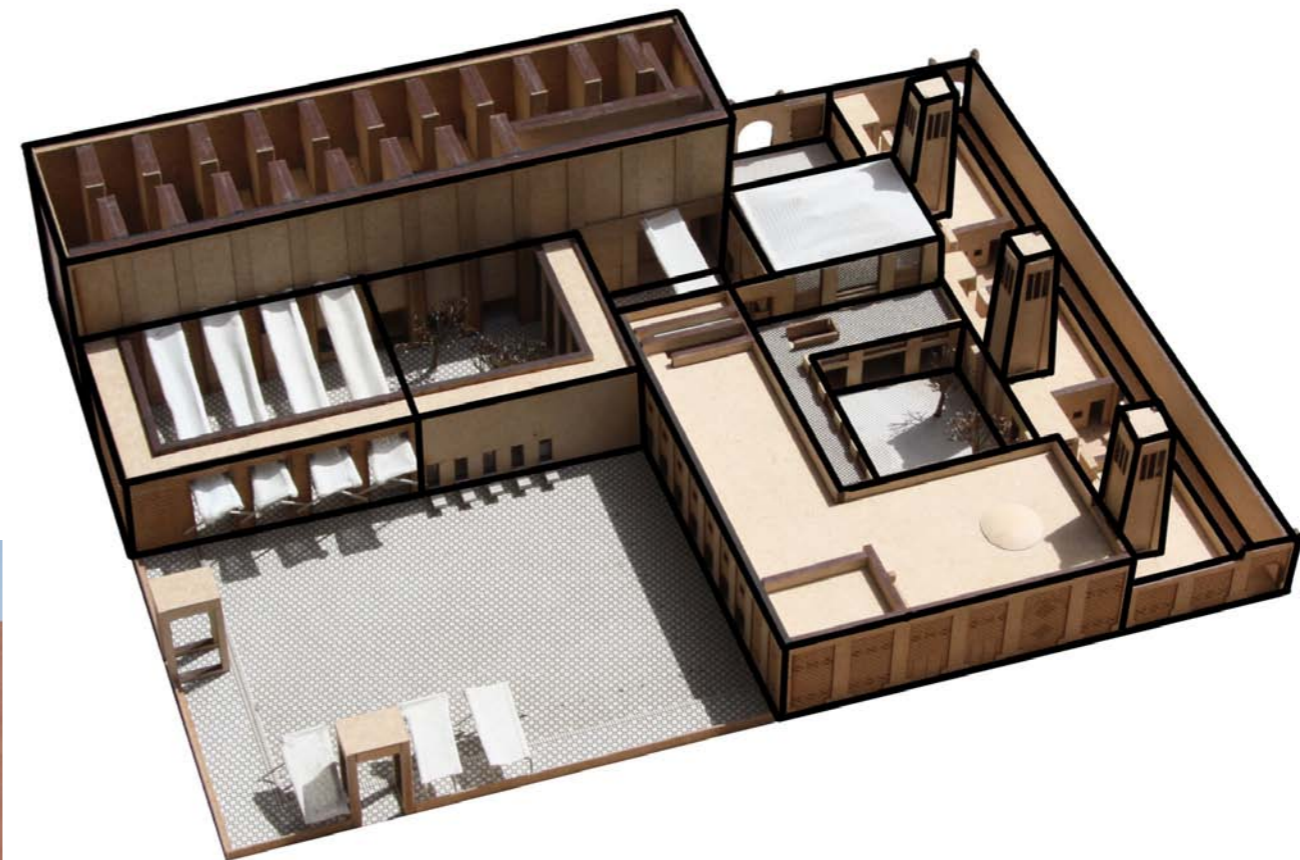
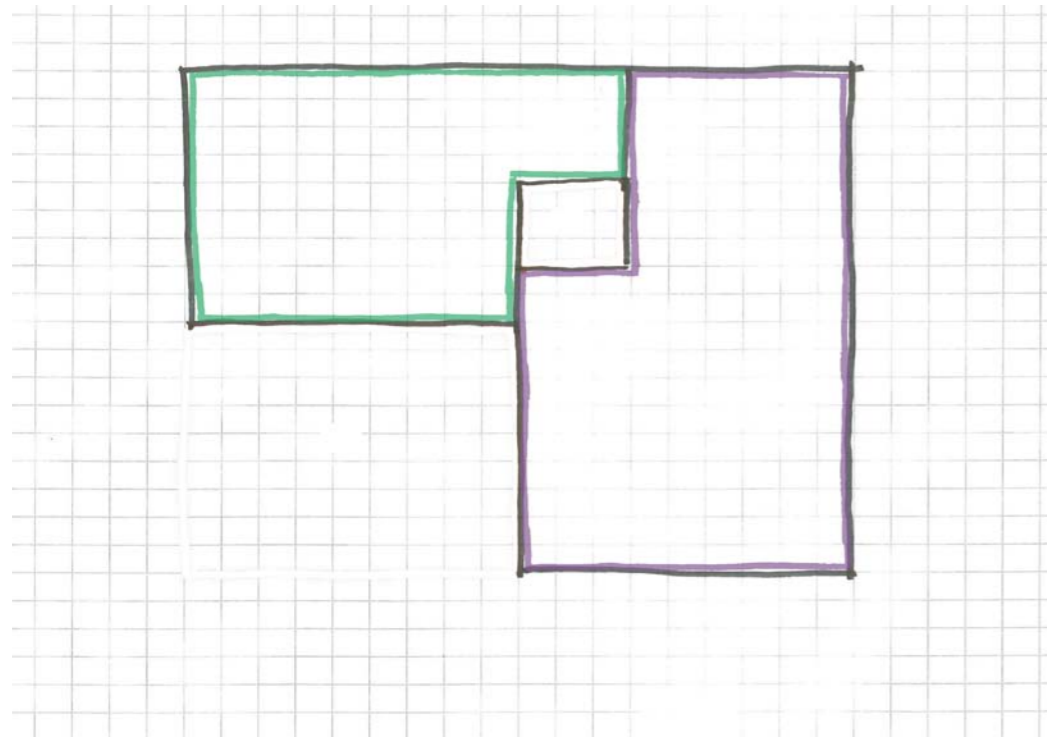


Digital Market



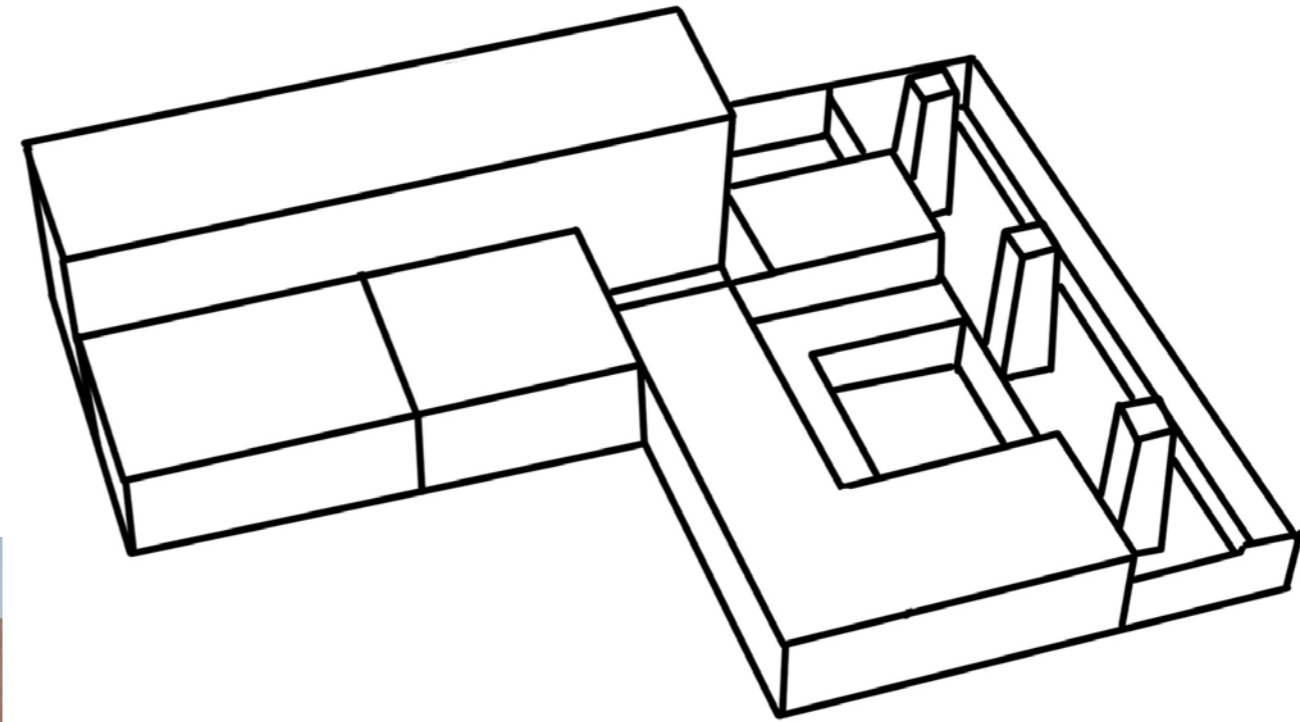
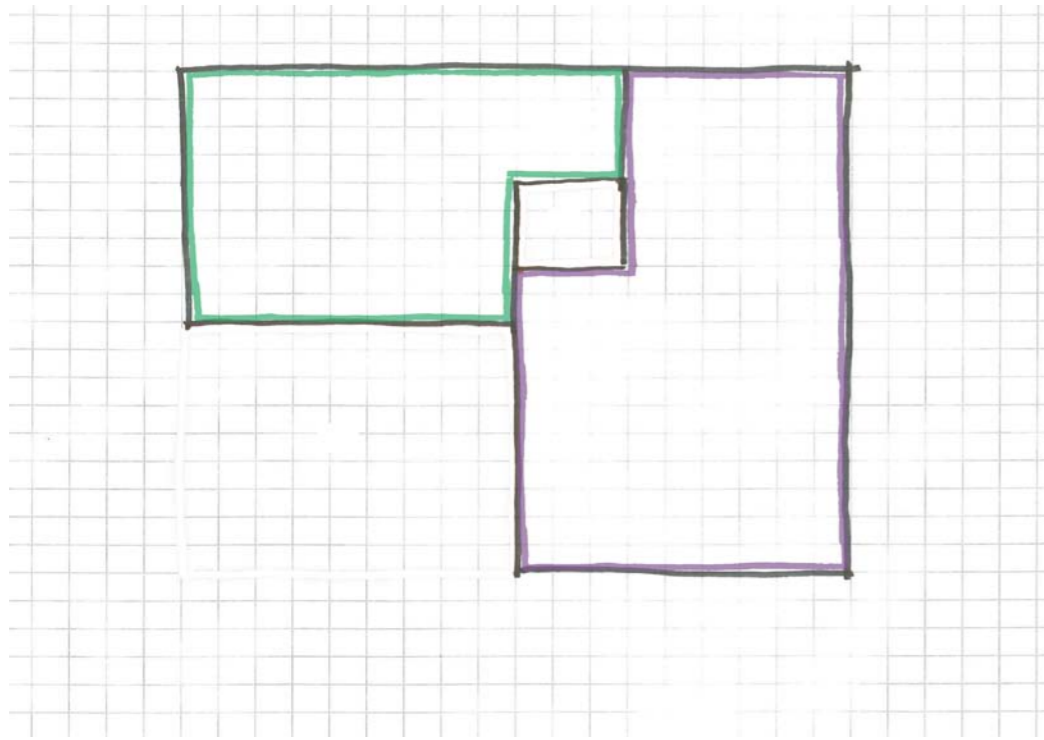
Women Center

# CONCEPT relation to village



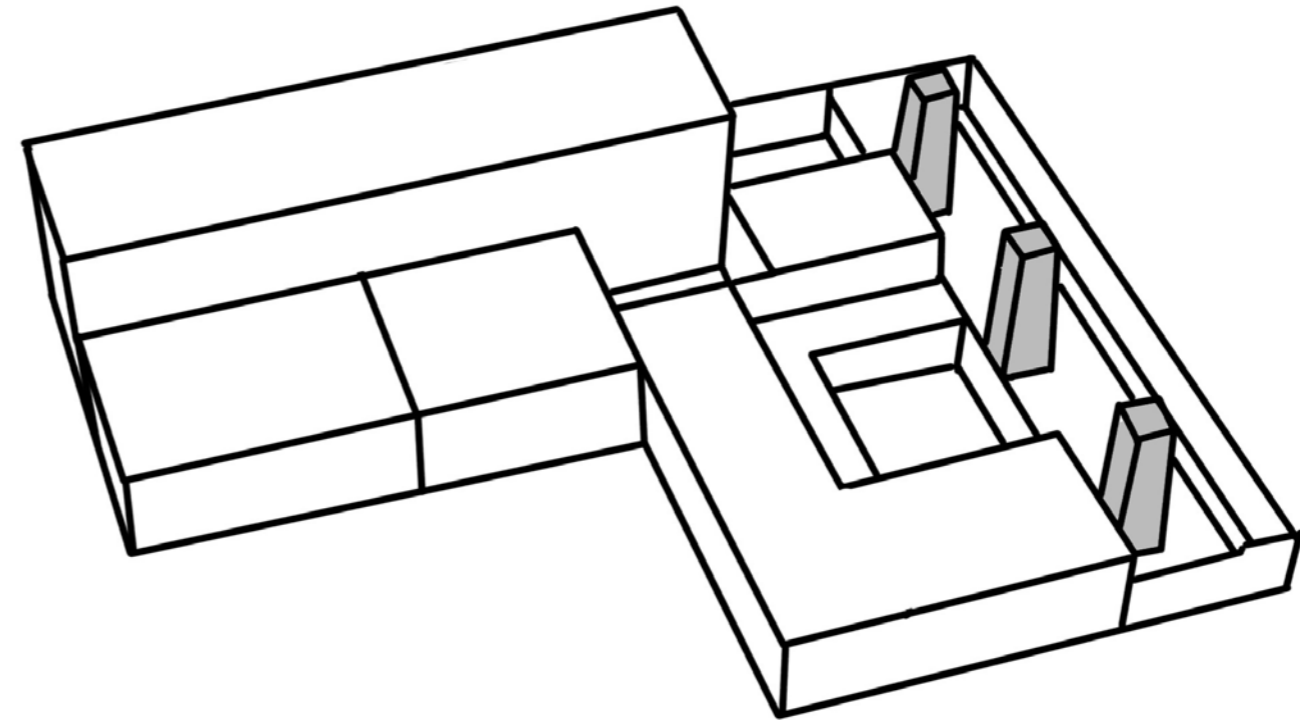
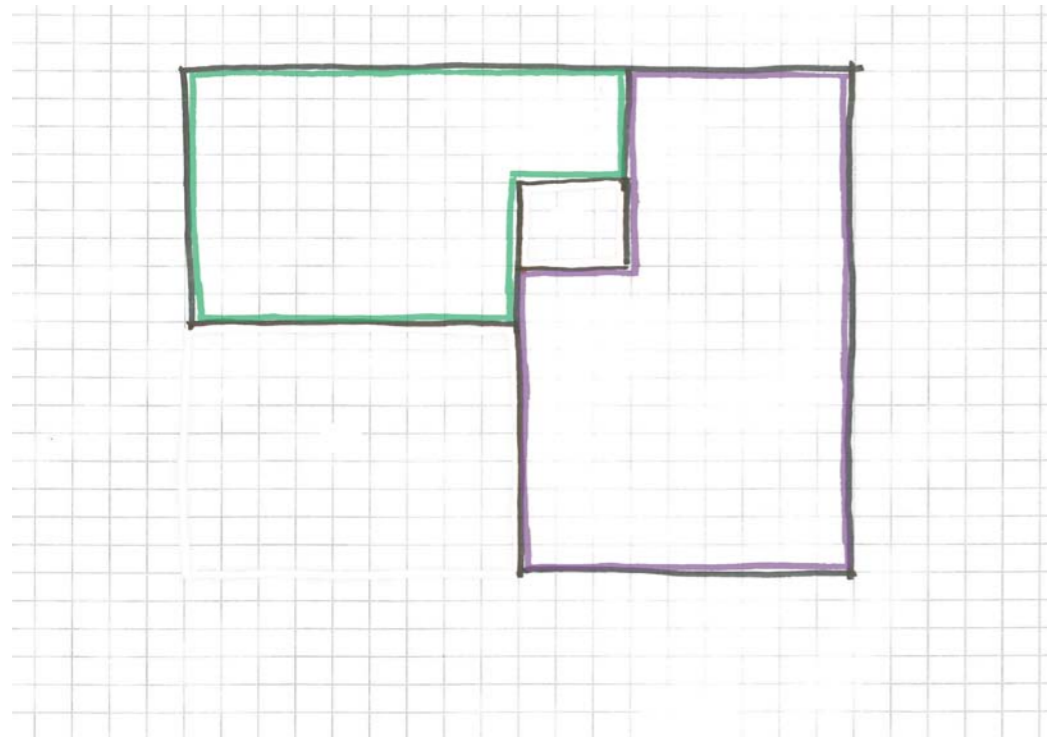


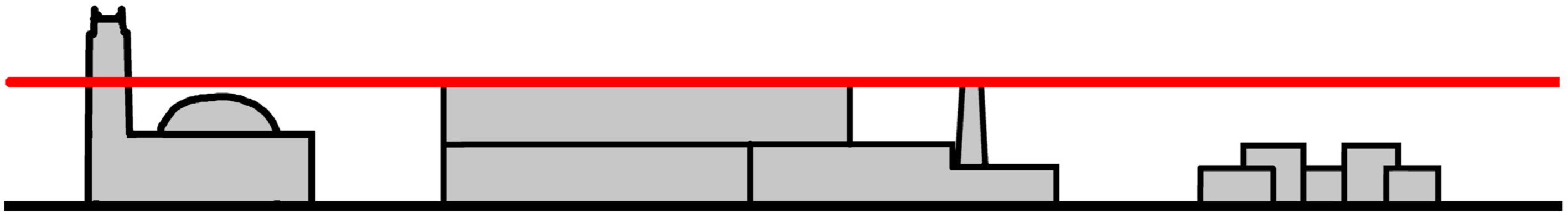
# CONCEPT relation to village

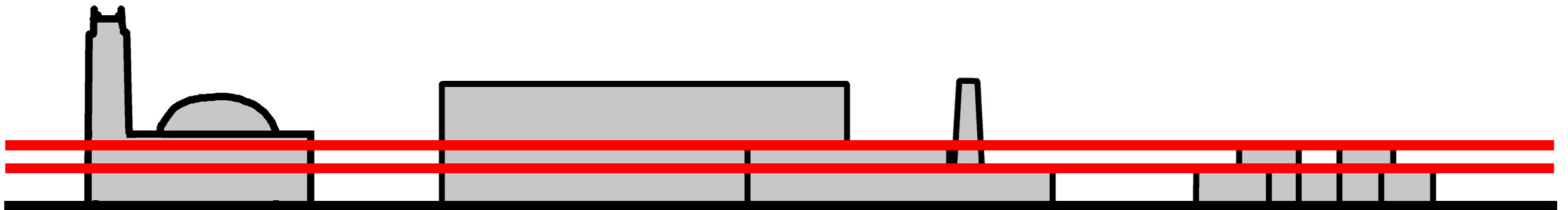




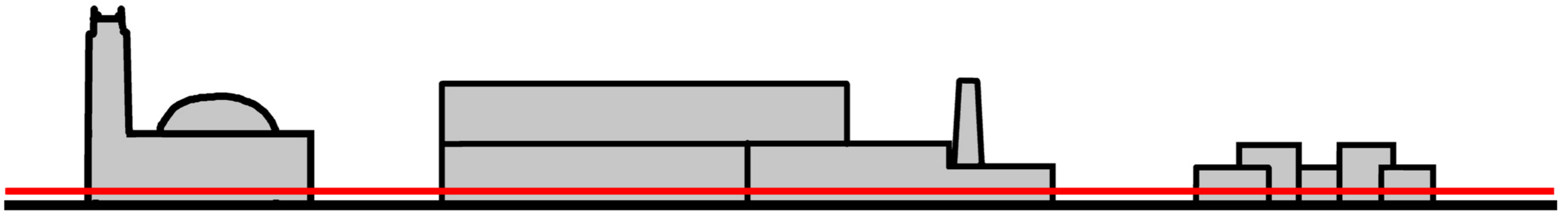
# CONCEPT relation to village

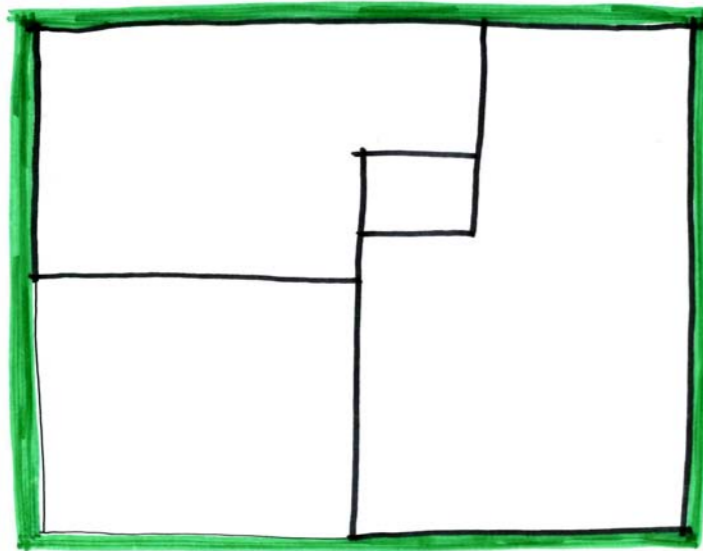




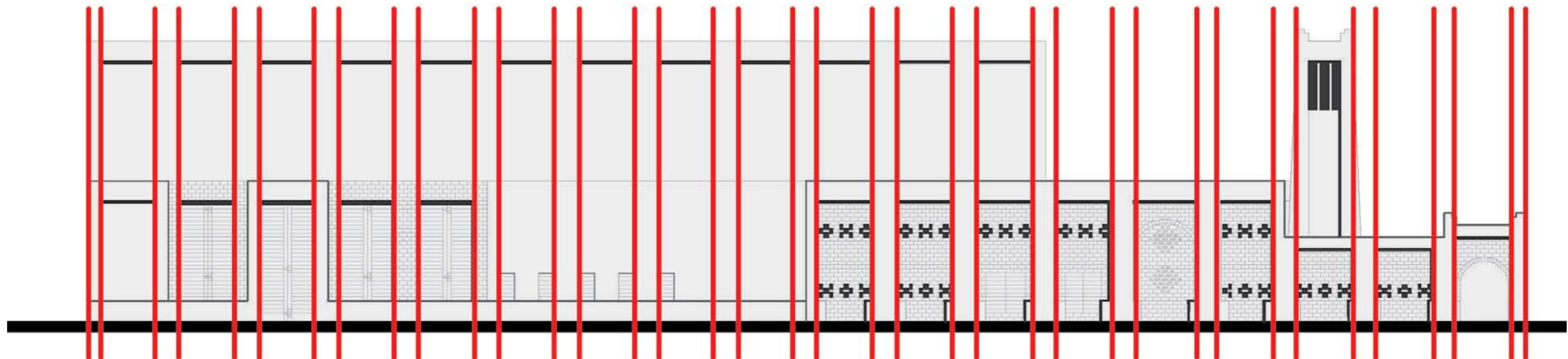
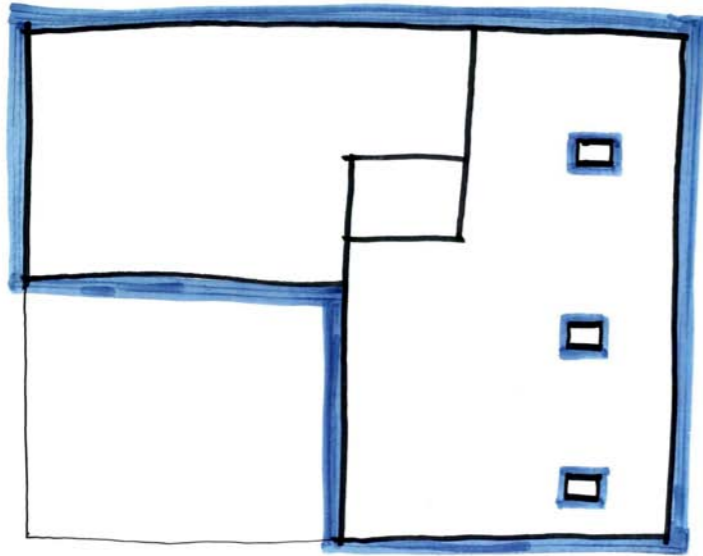




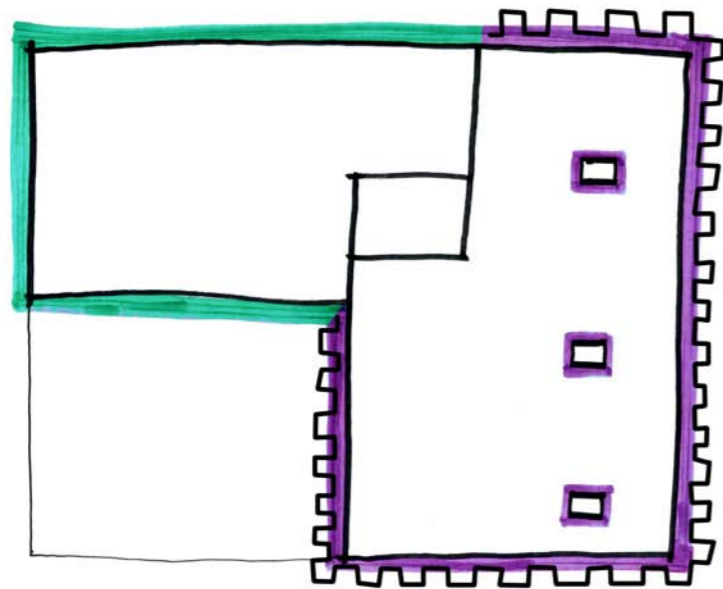




North facade



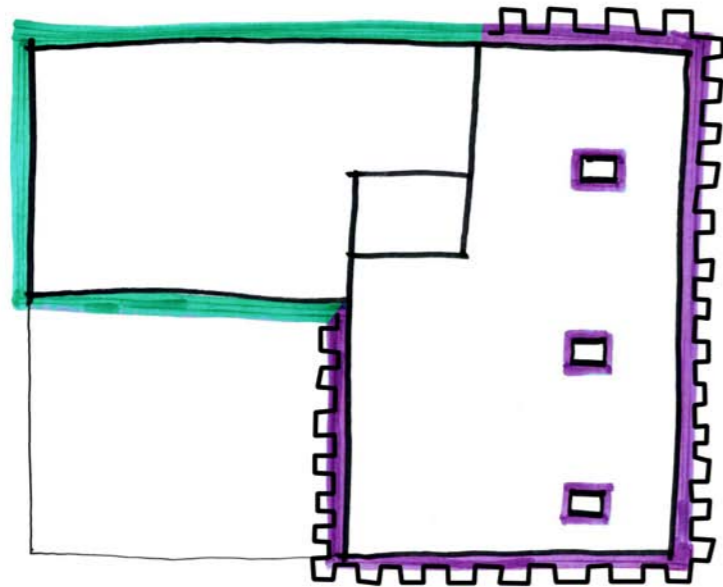




Flat surface of one material



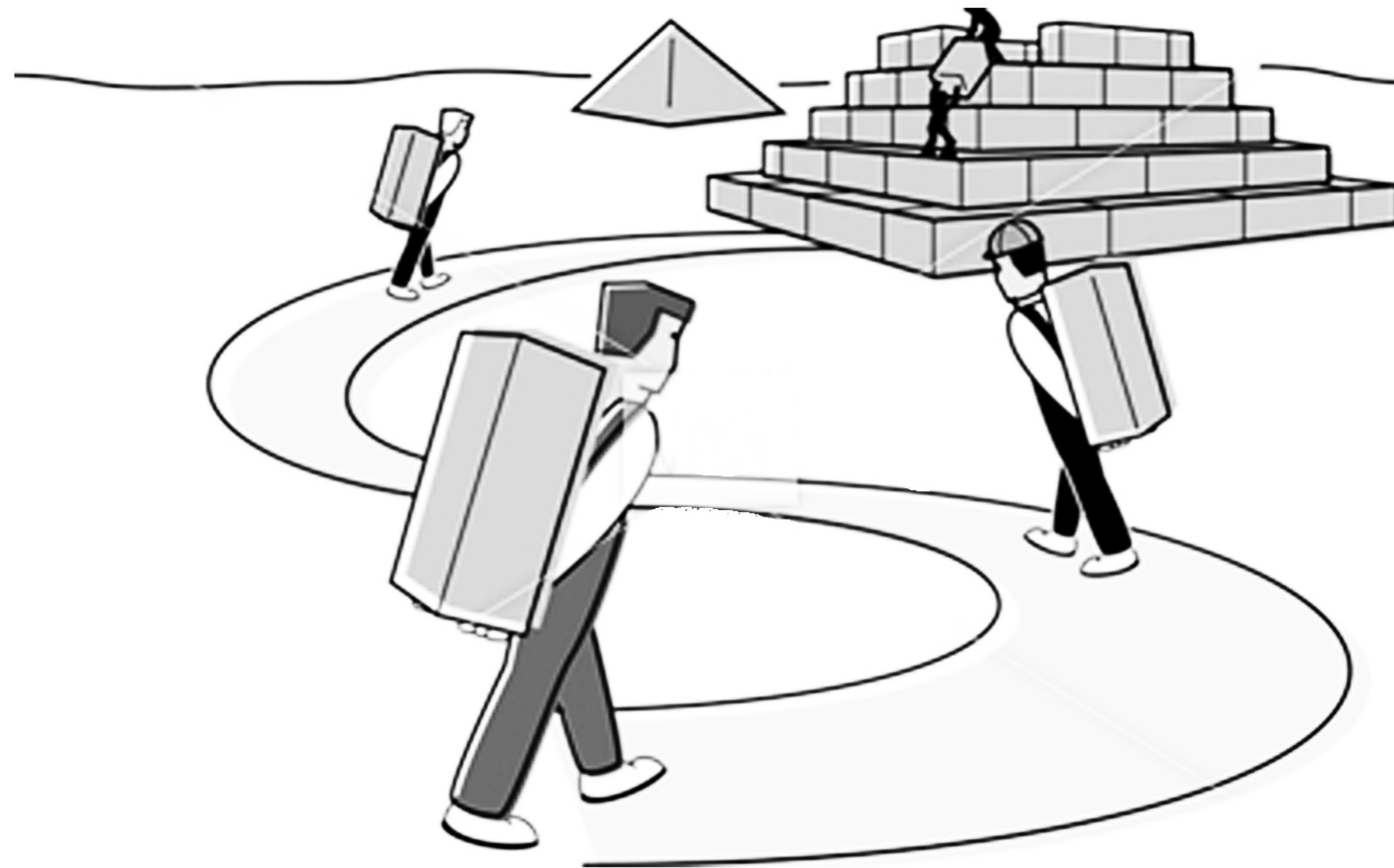
Ornament with combined materials



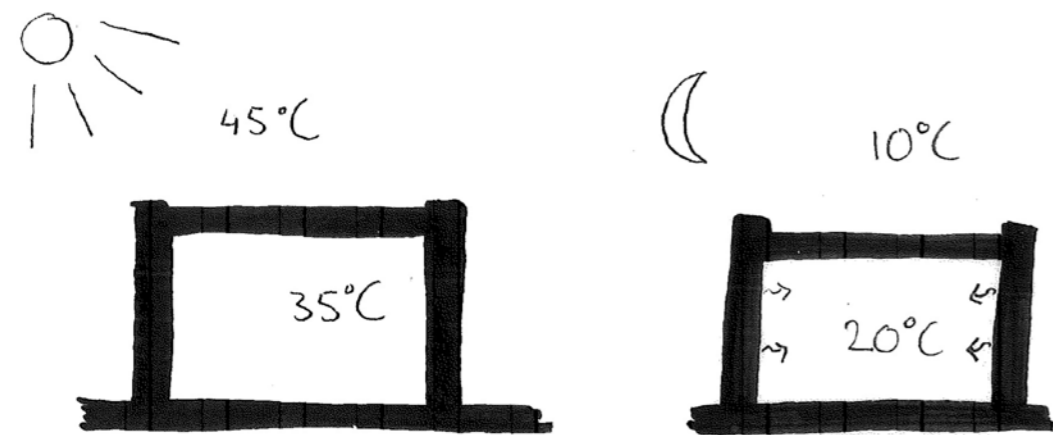
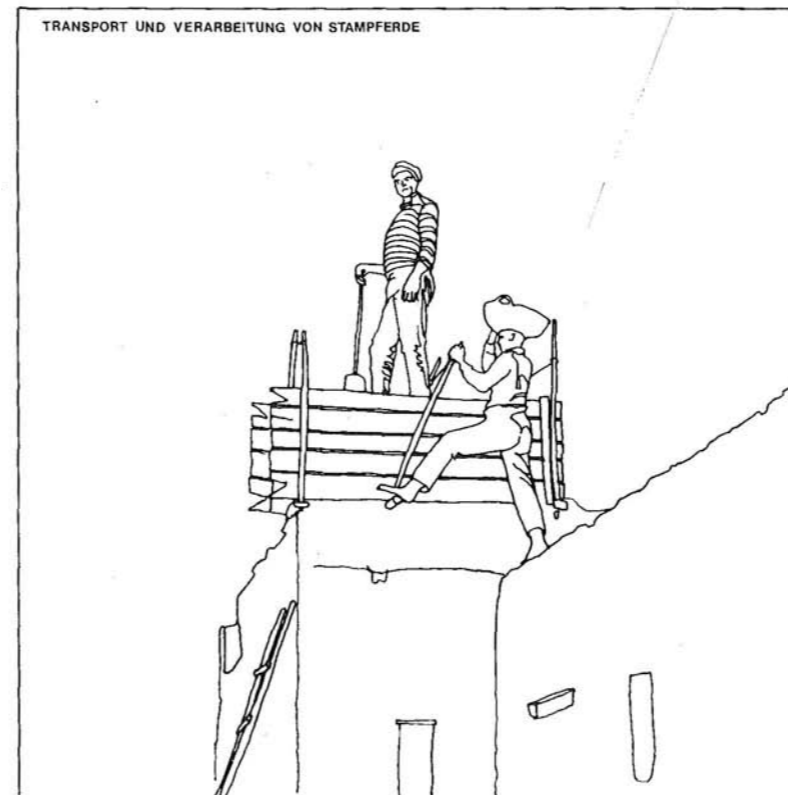
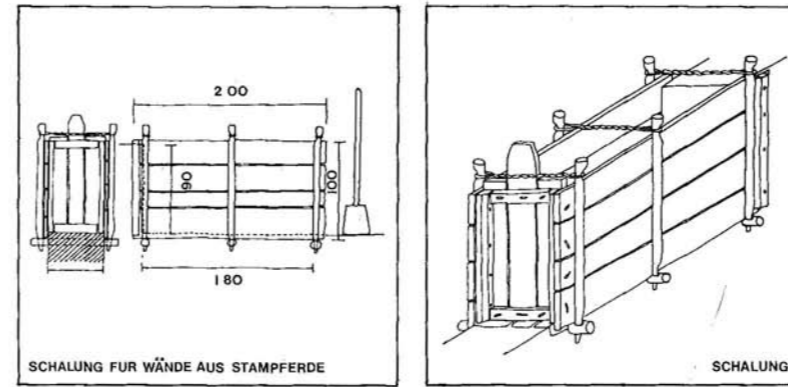
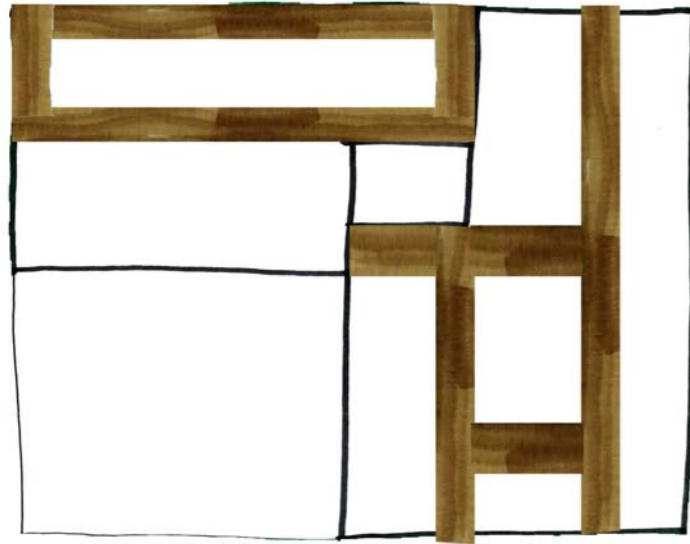
Flat surface of one material



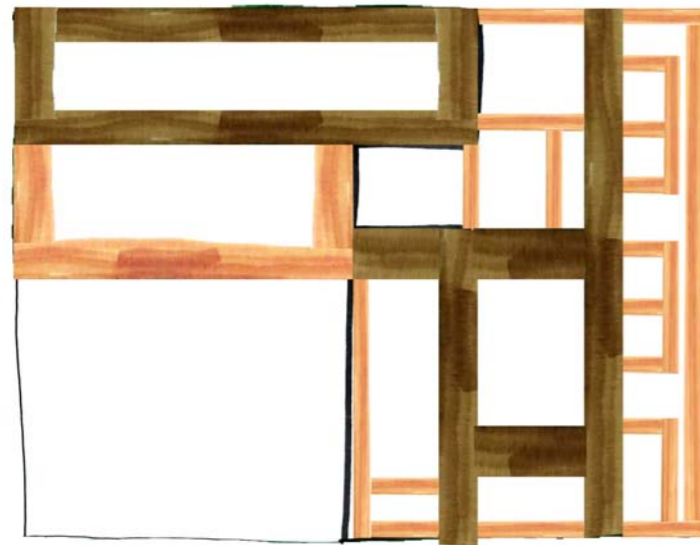
Ornament with combined materials







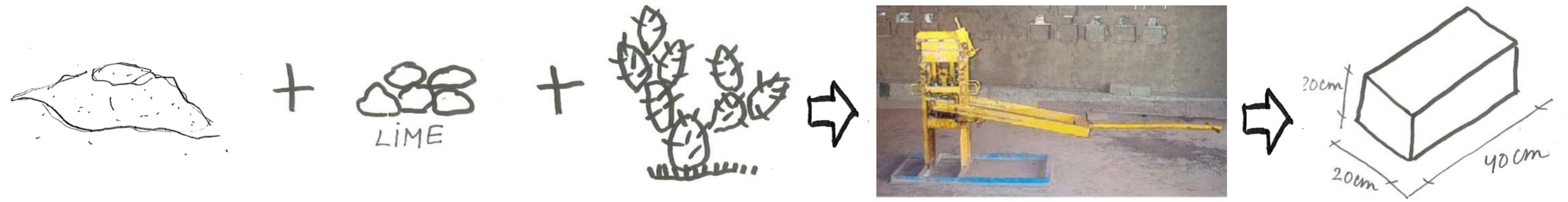




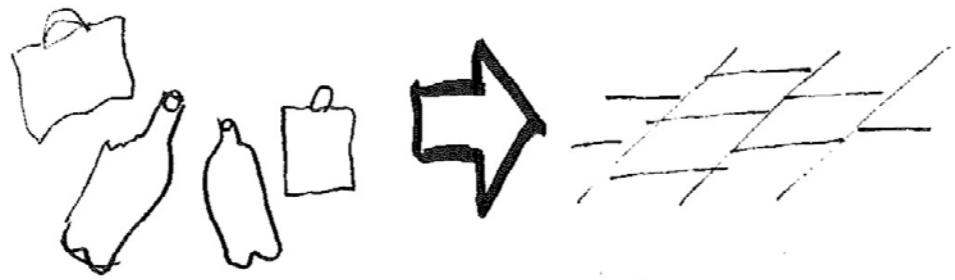
+ easy . modern looks . resistant to rain . less dust

- bad for environment . damage of cultural heritage  
expensive . less thermal mass





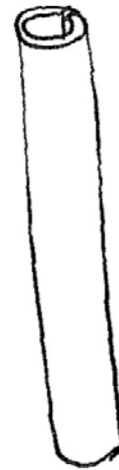
reinforced mud bricks and finishing



Q PLASTIC FACTORY



WOOD



PLASTIC

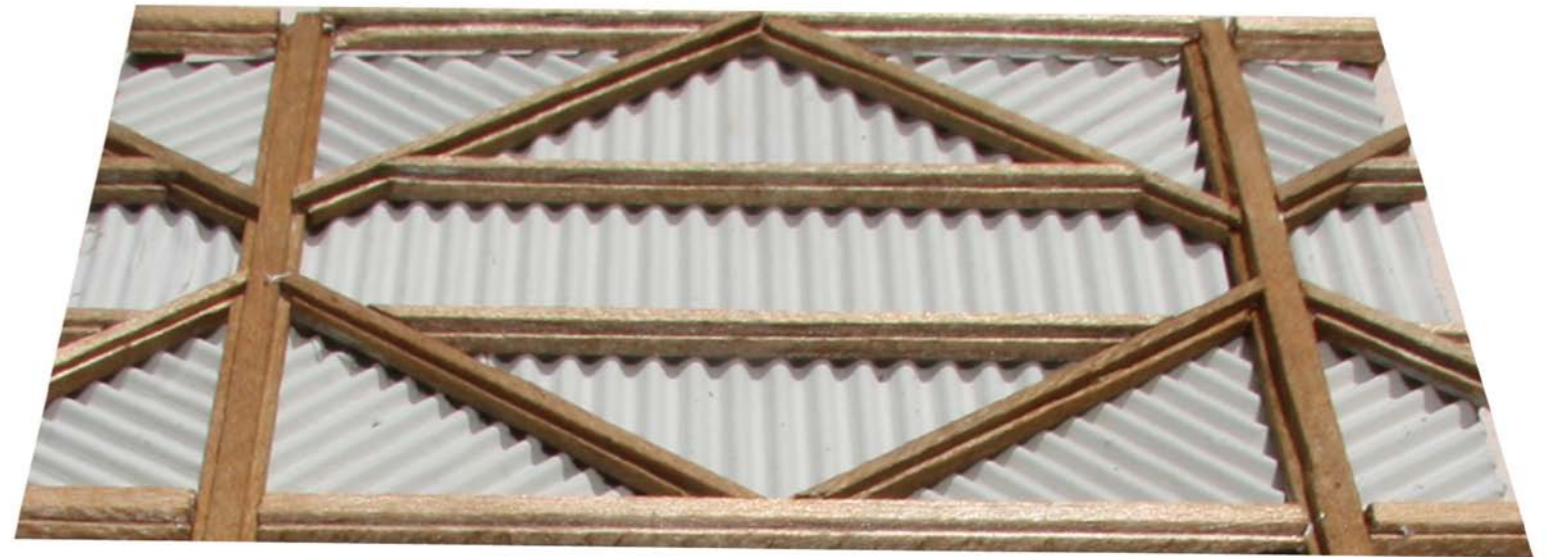
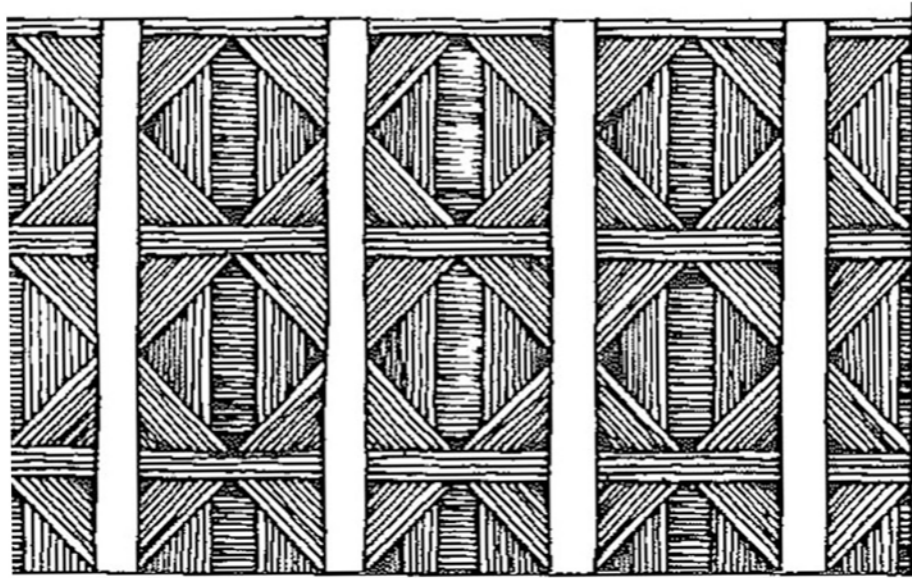
PLANTED TREES

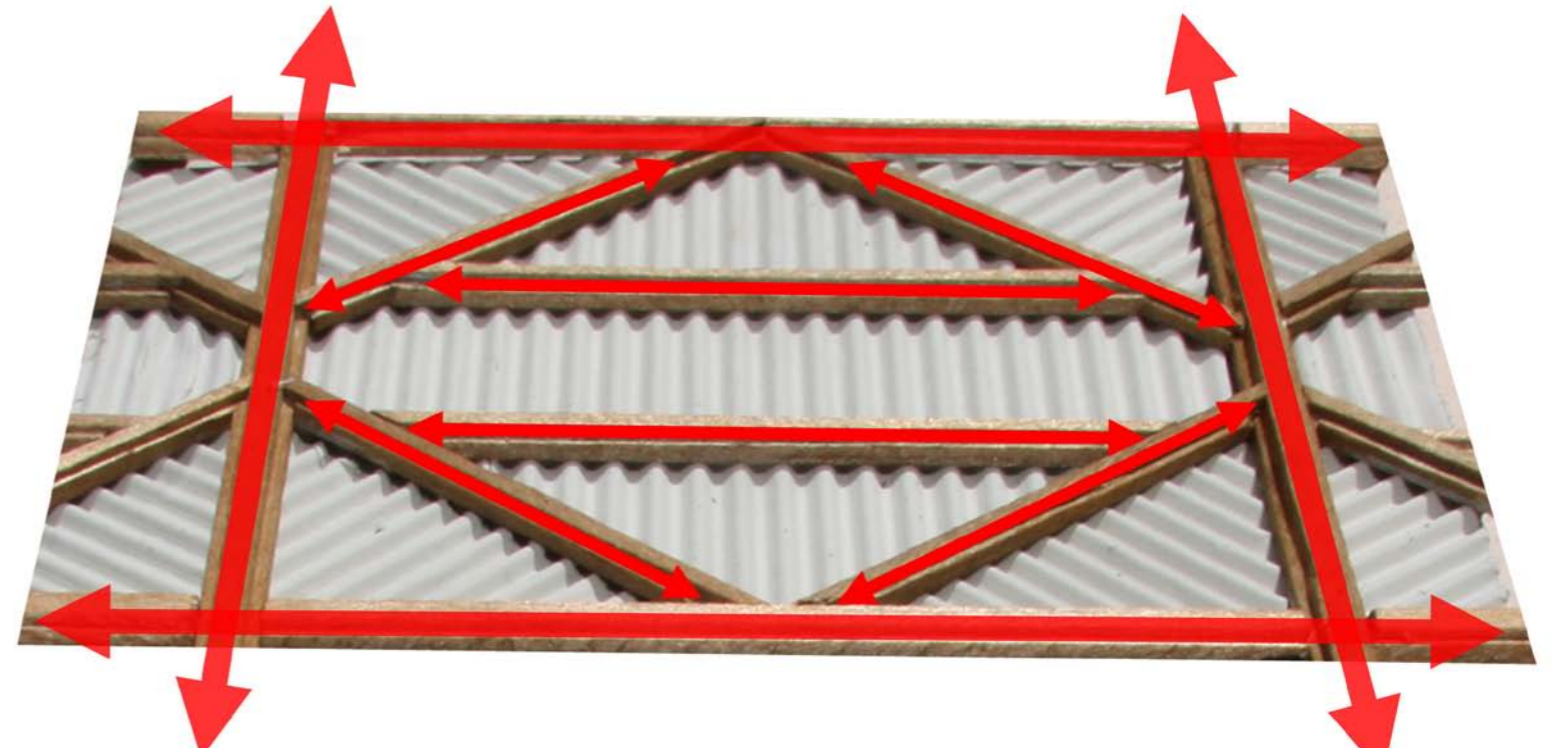
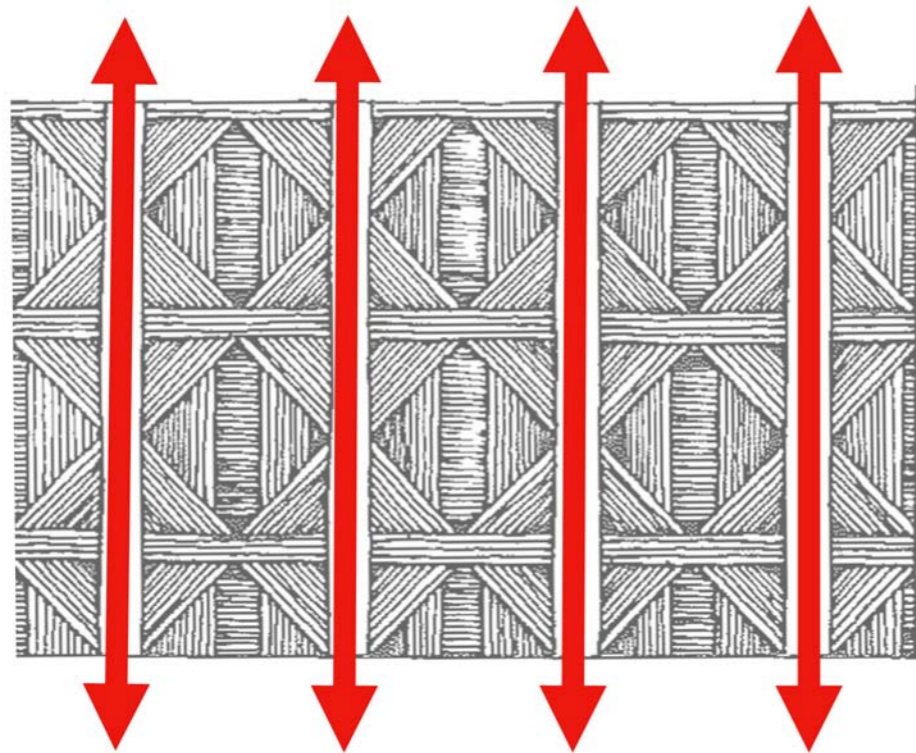
47% CONIFER

40% EUCALYPTES

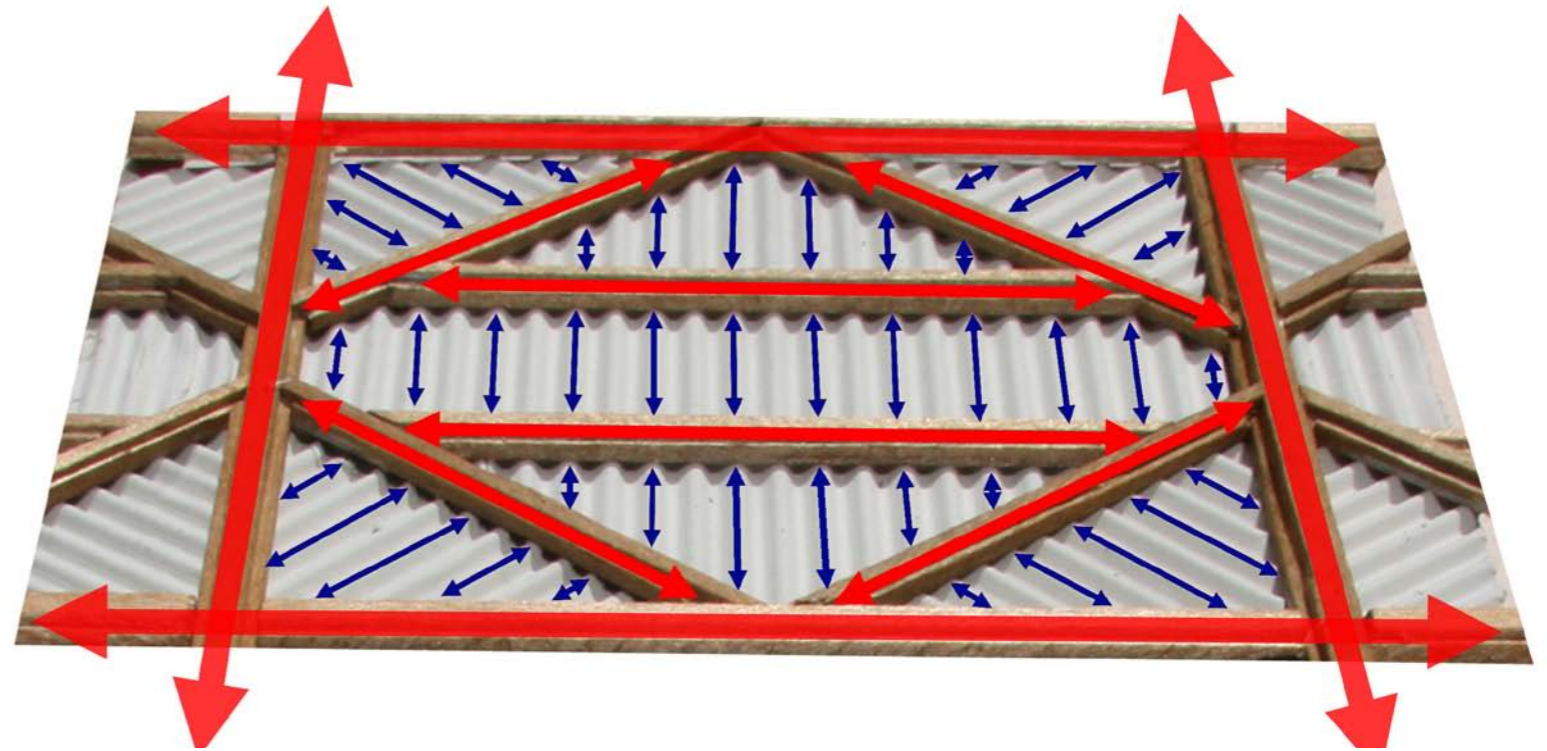
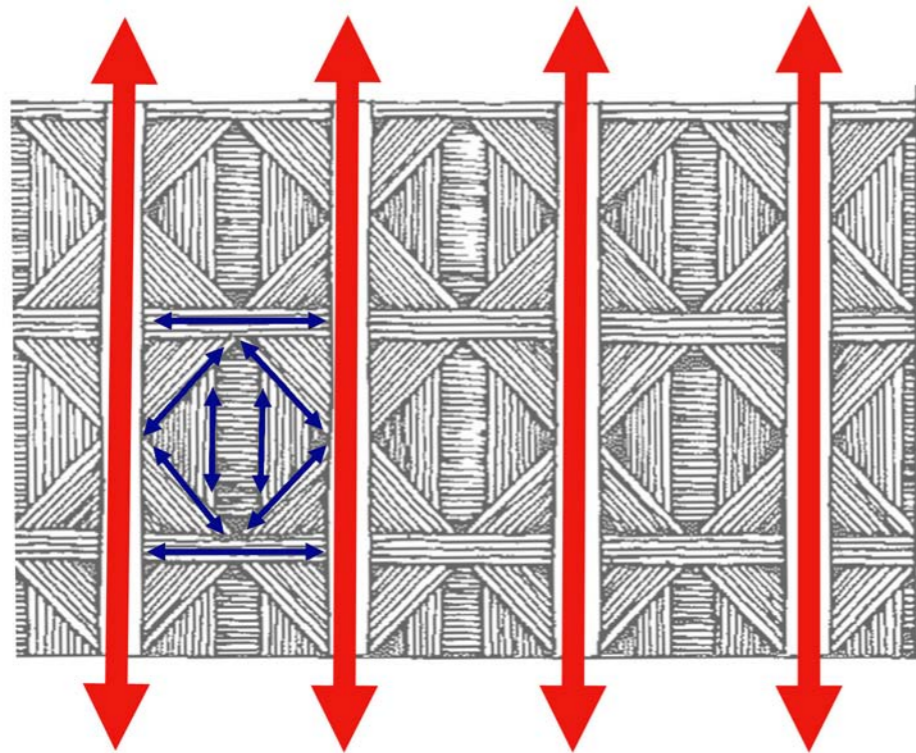
13% BROADLEAF TREE



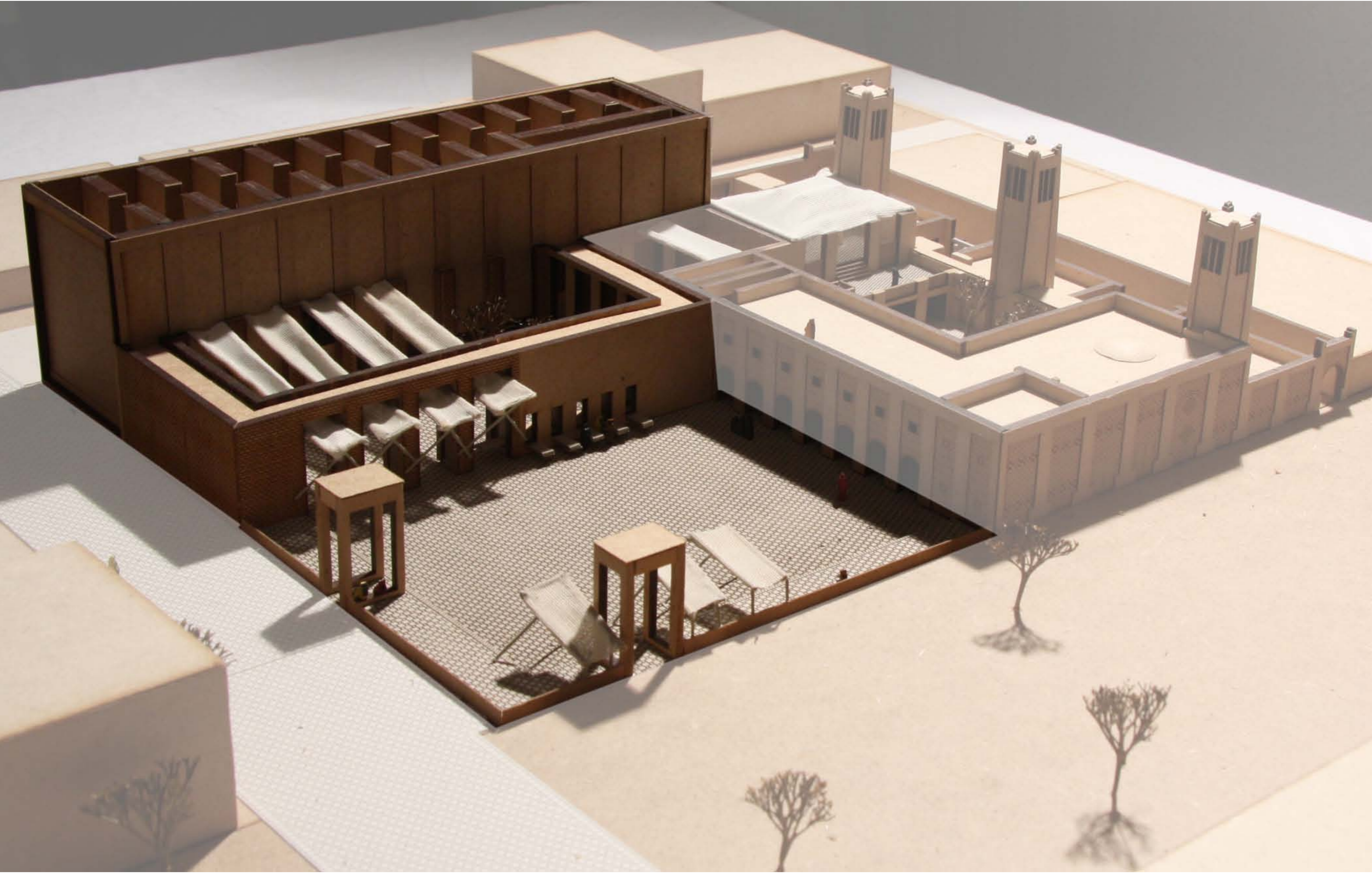
















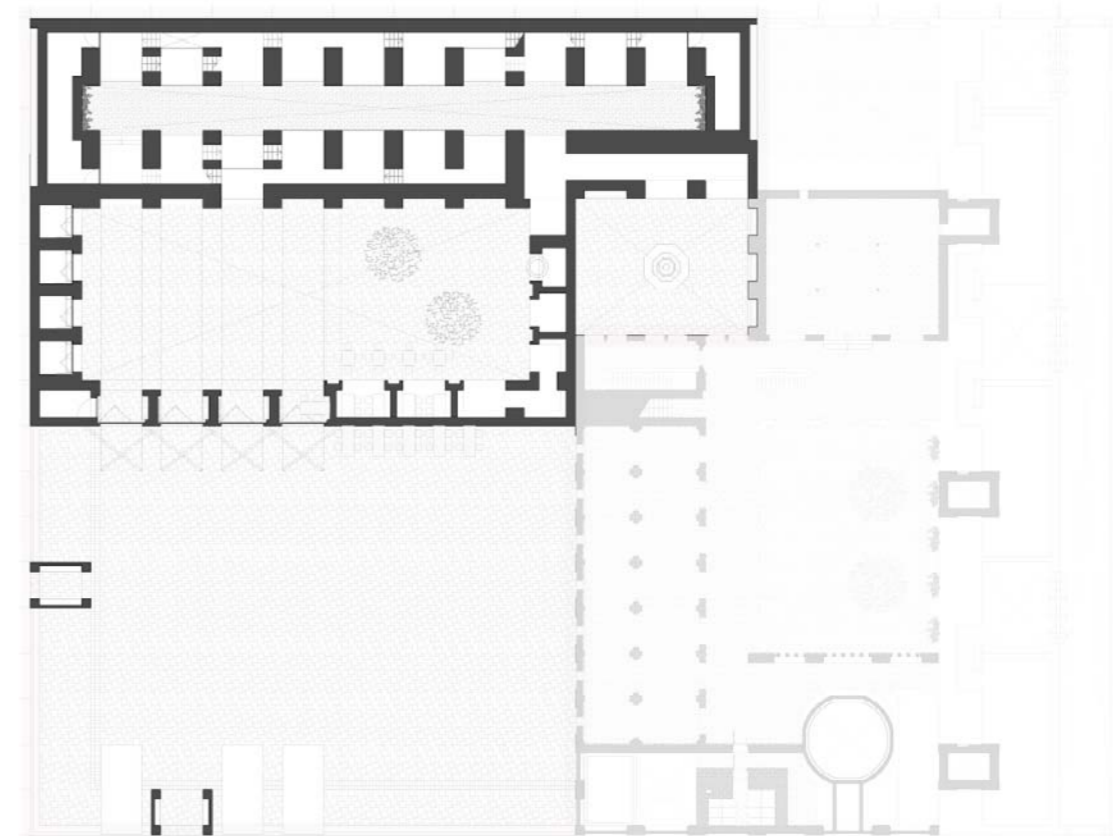
**village**



**market**



**house**



# WALL



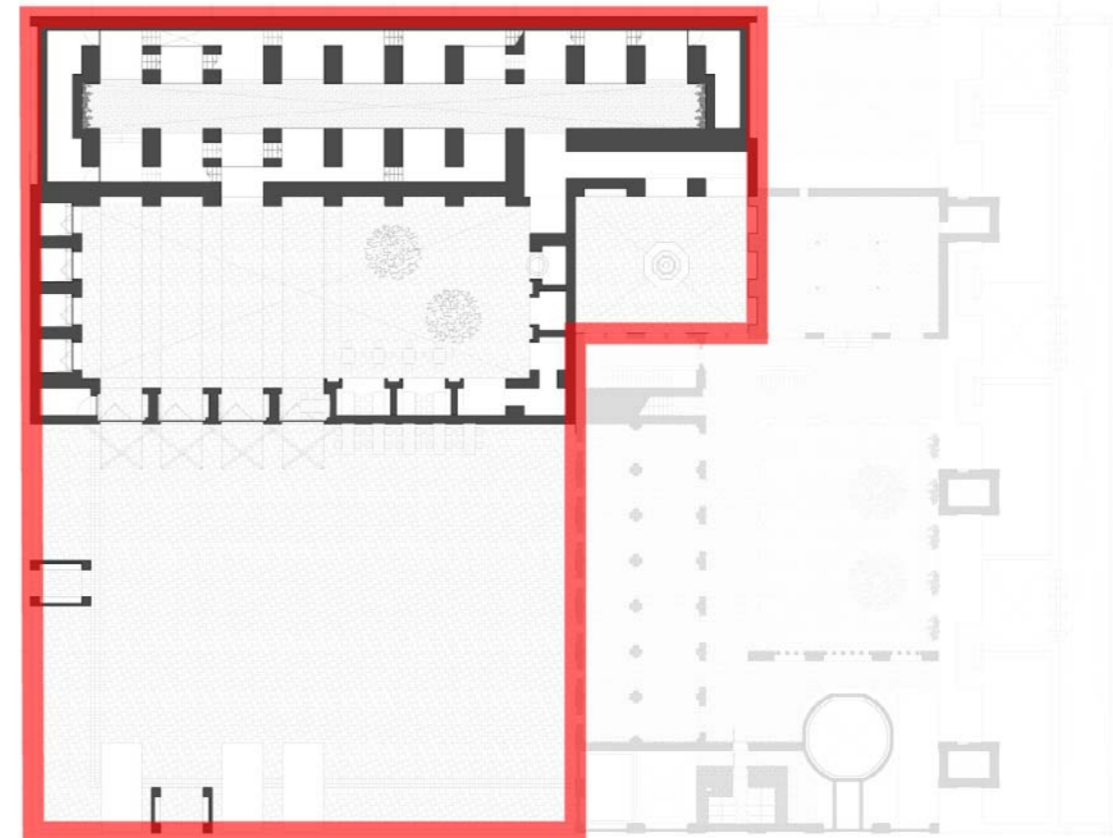
**village**



**market**

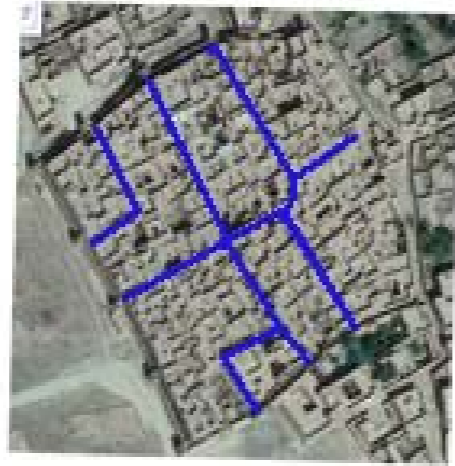


**house**

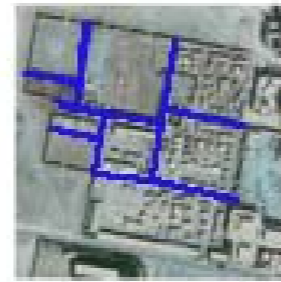




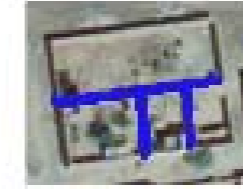
# SECTION



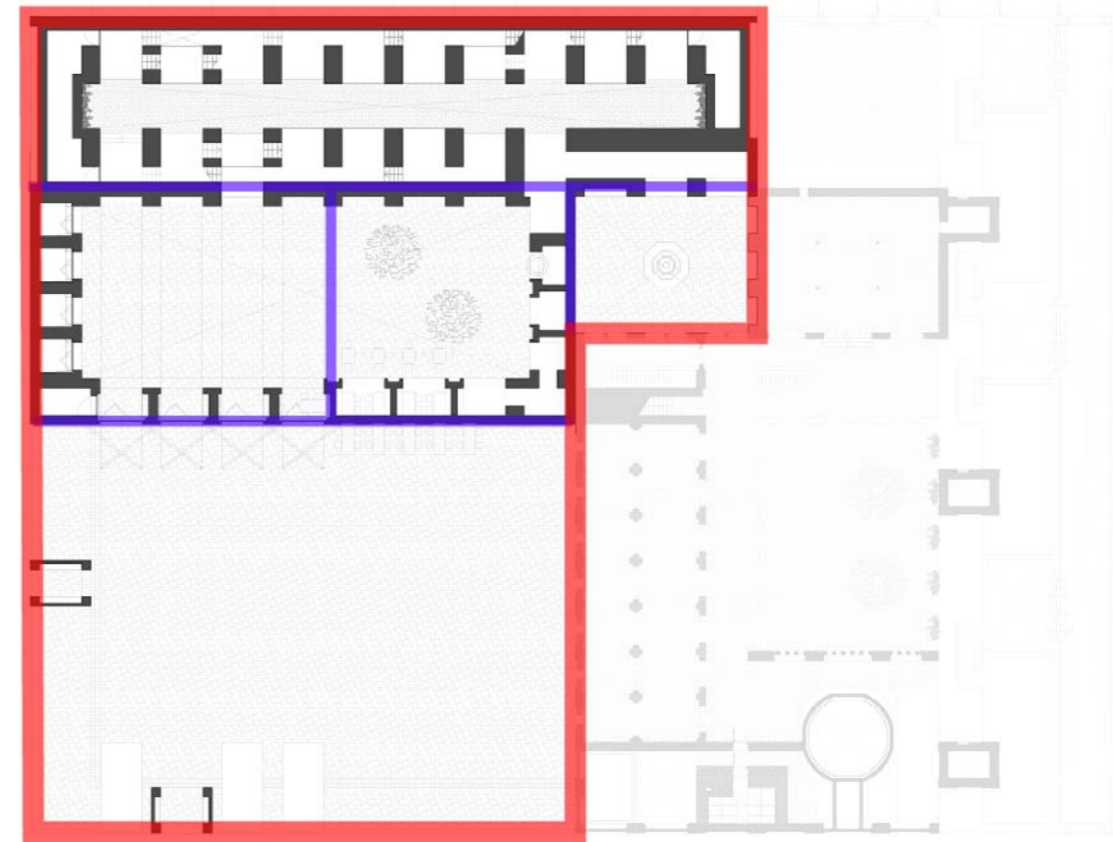
**village**



**market**

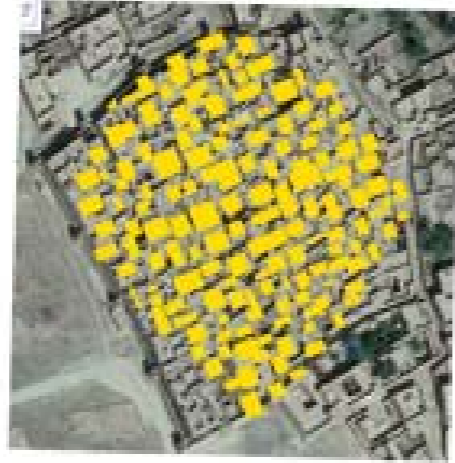


**house**





# VOLUME



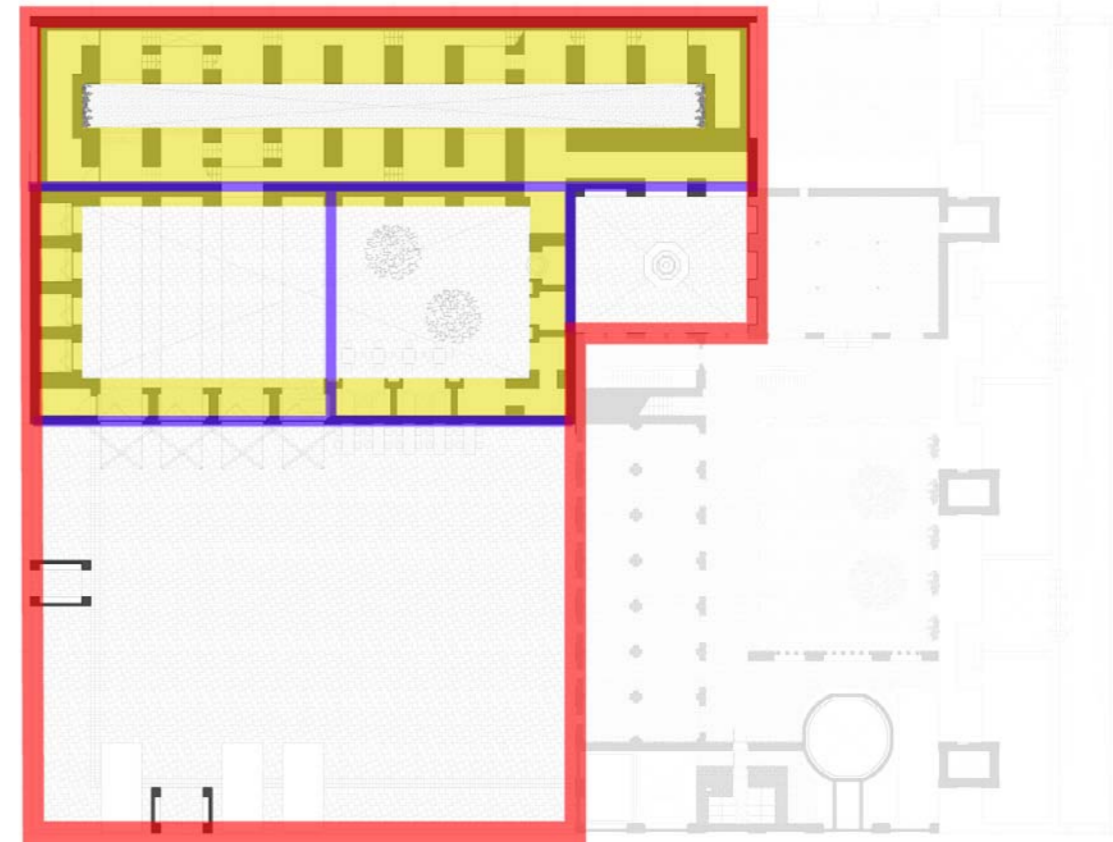
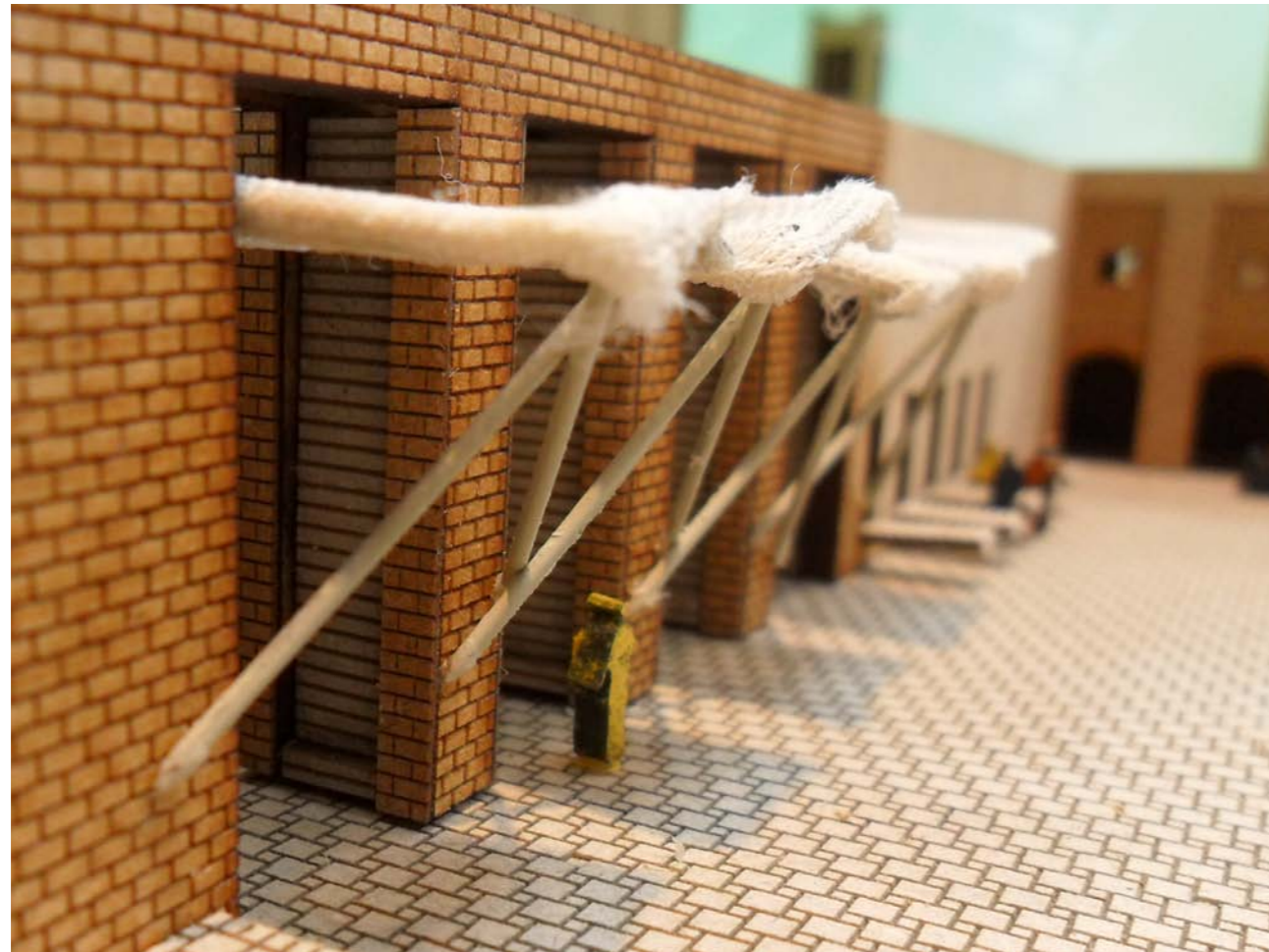
**village**

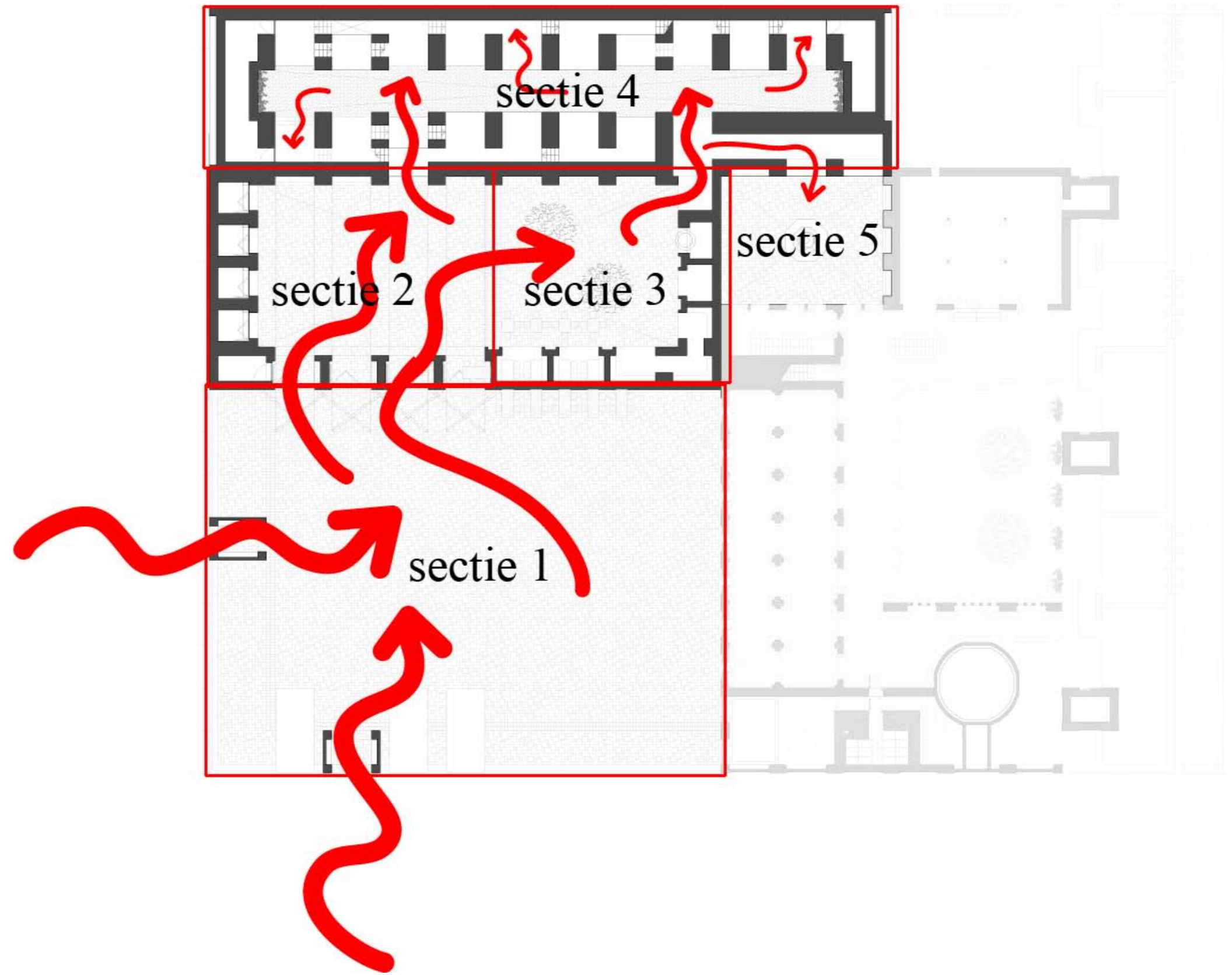


**market**



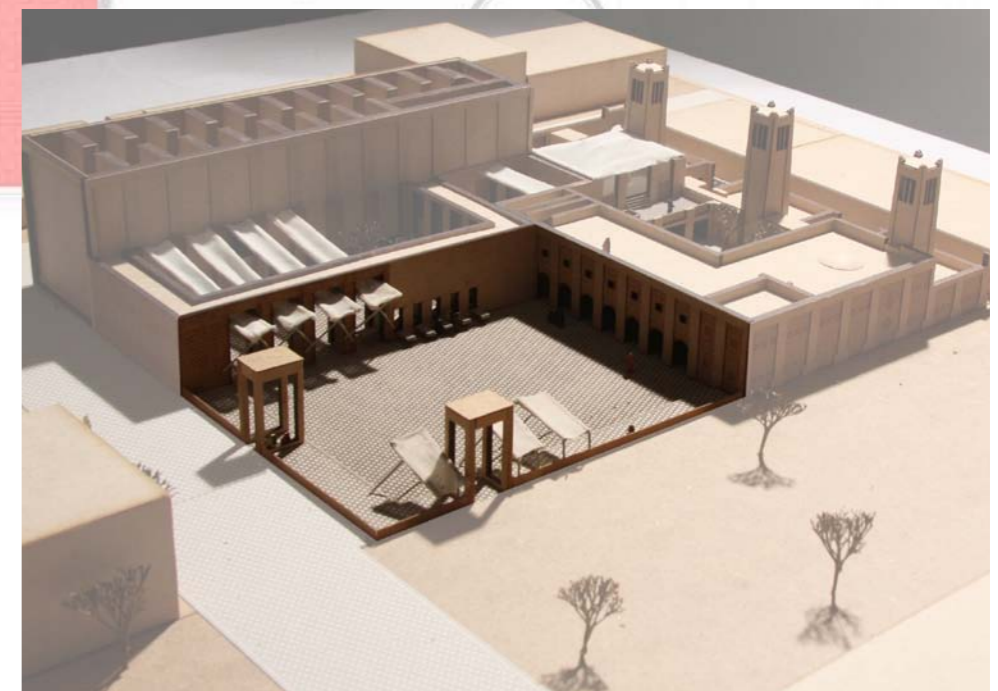
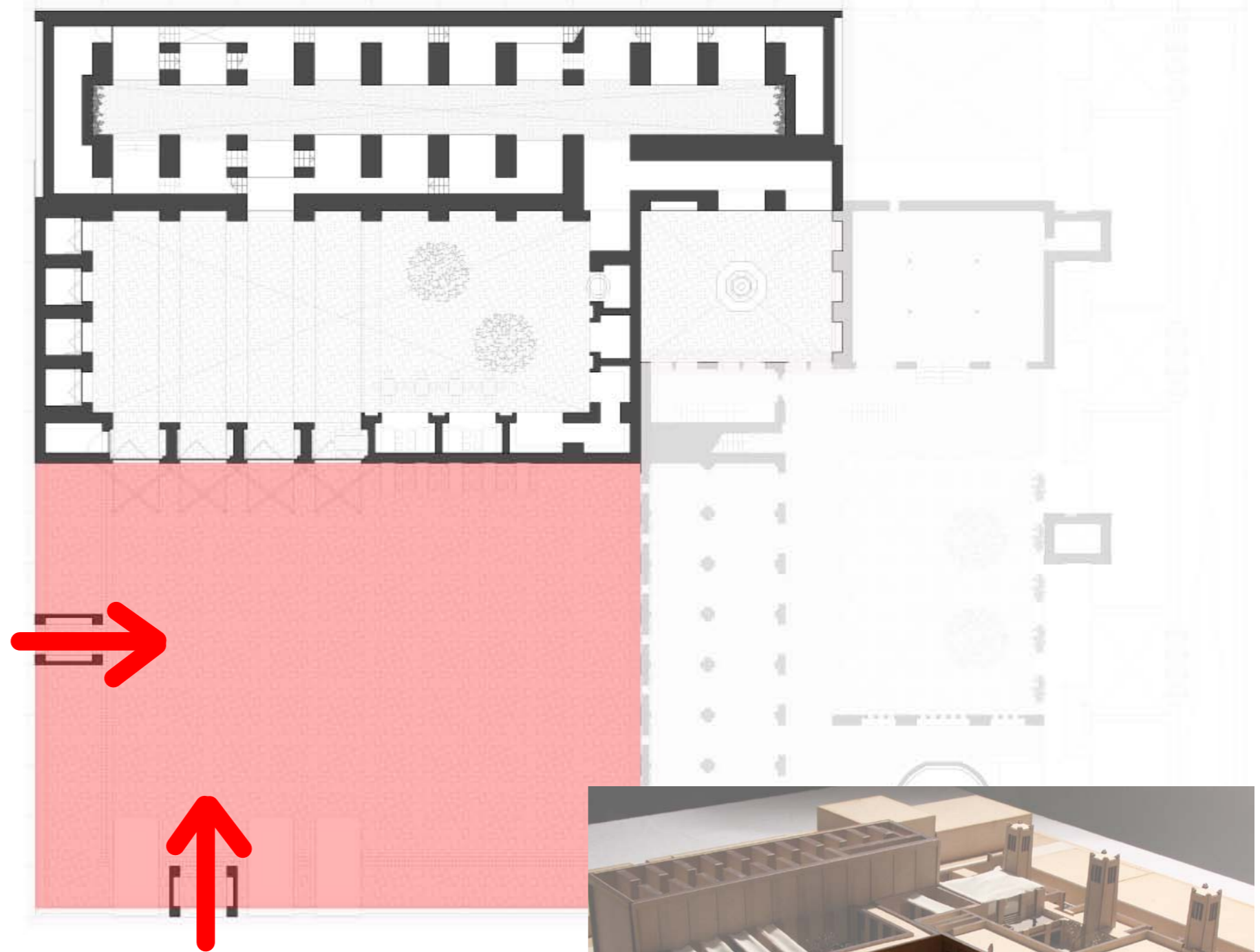
**house**







**Section 1: gathering**  
market  
cinema  
tearoom



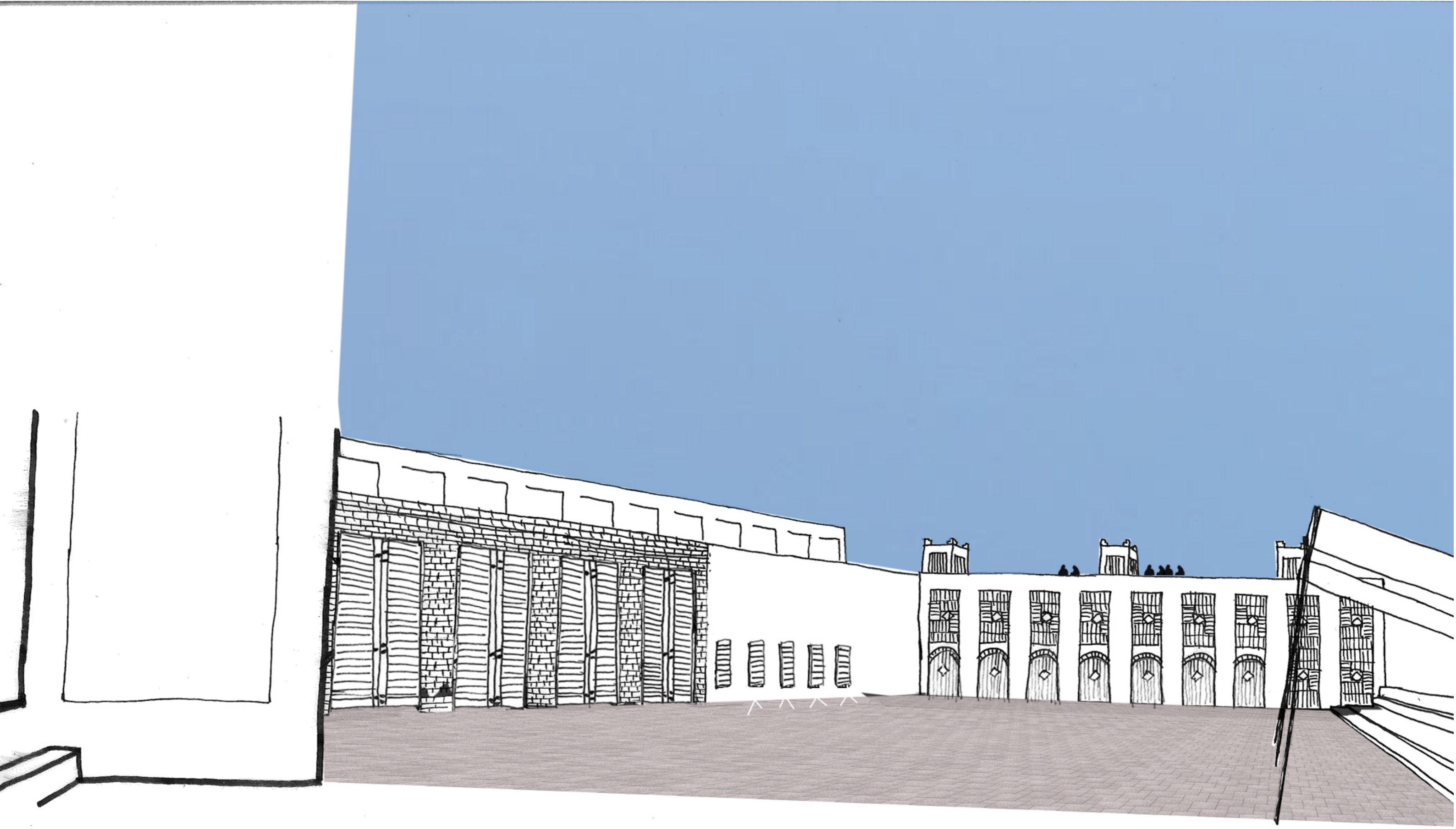










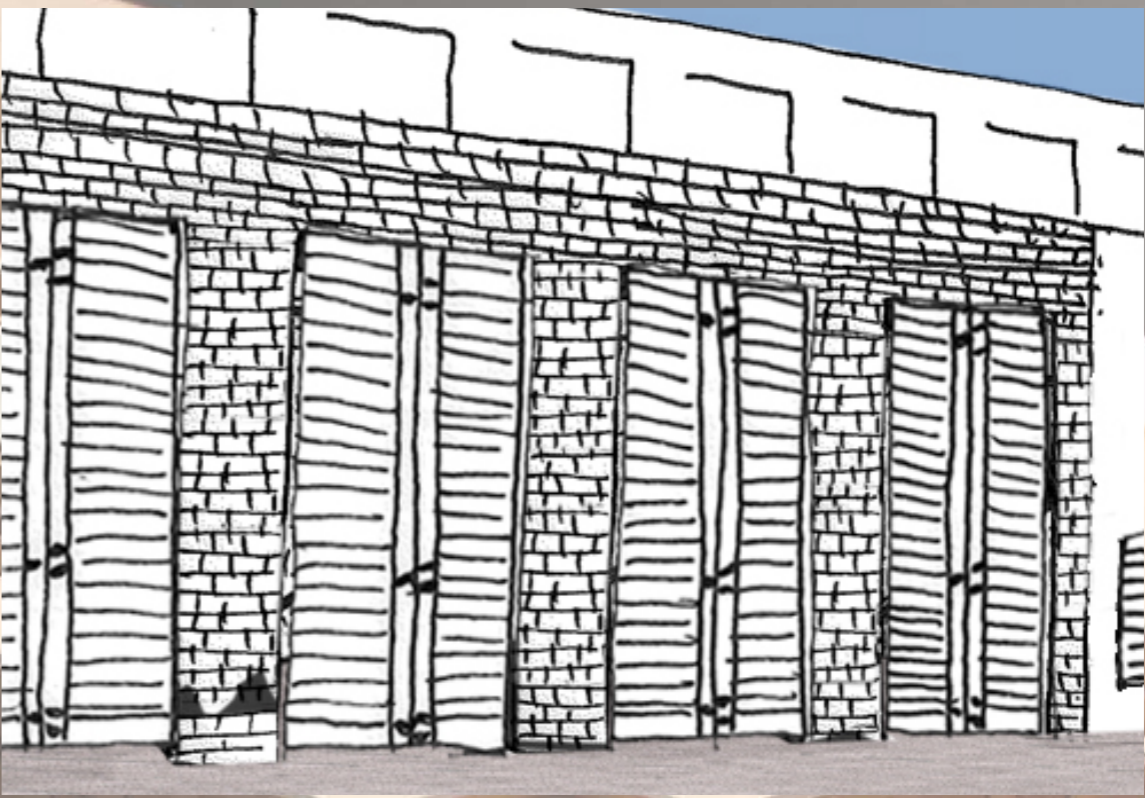
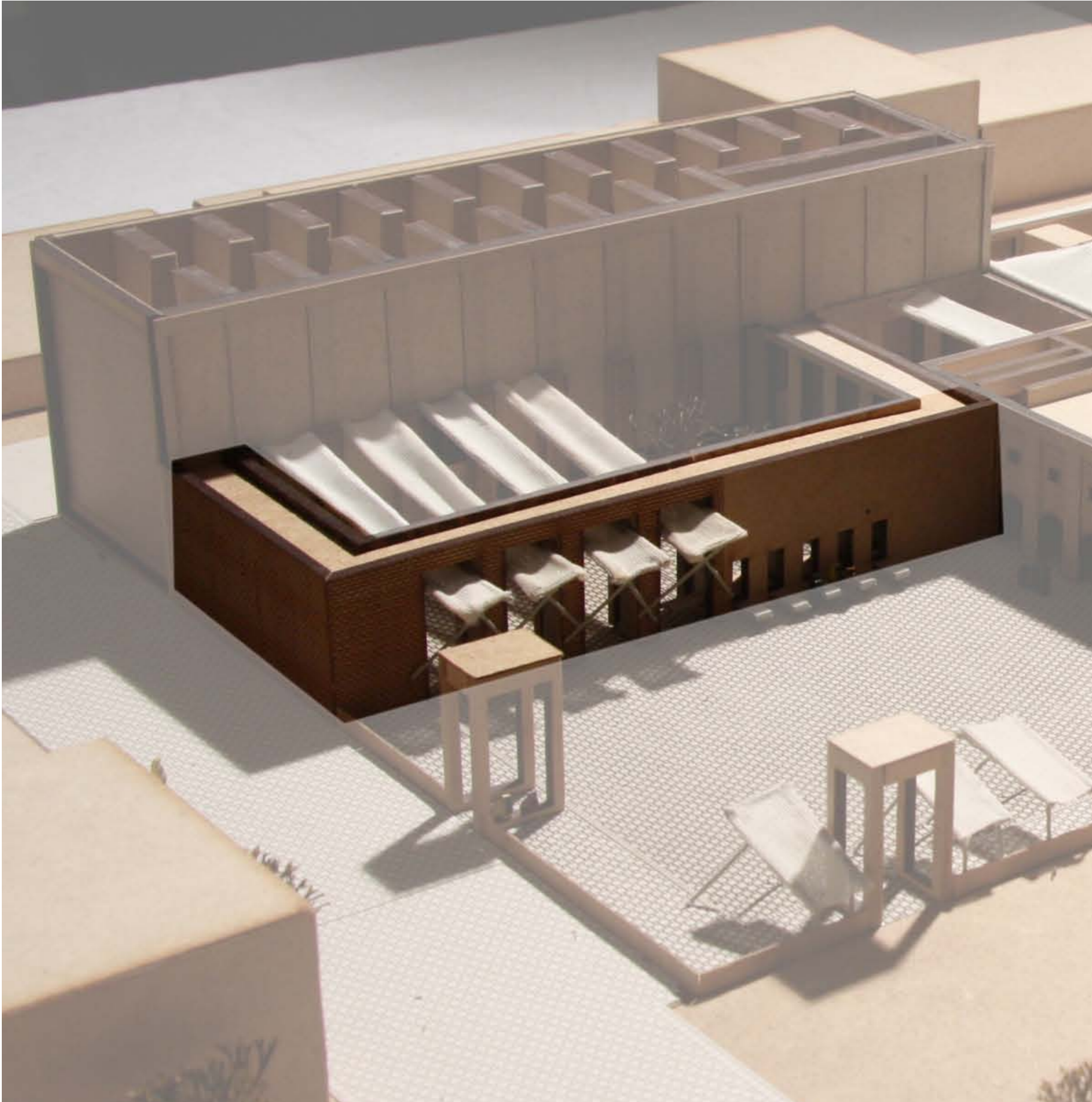




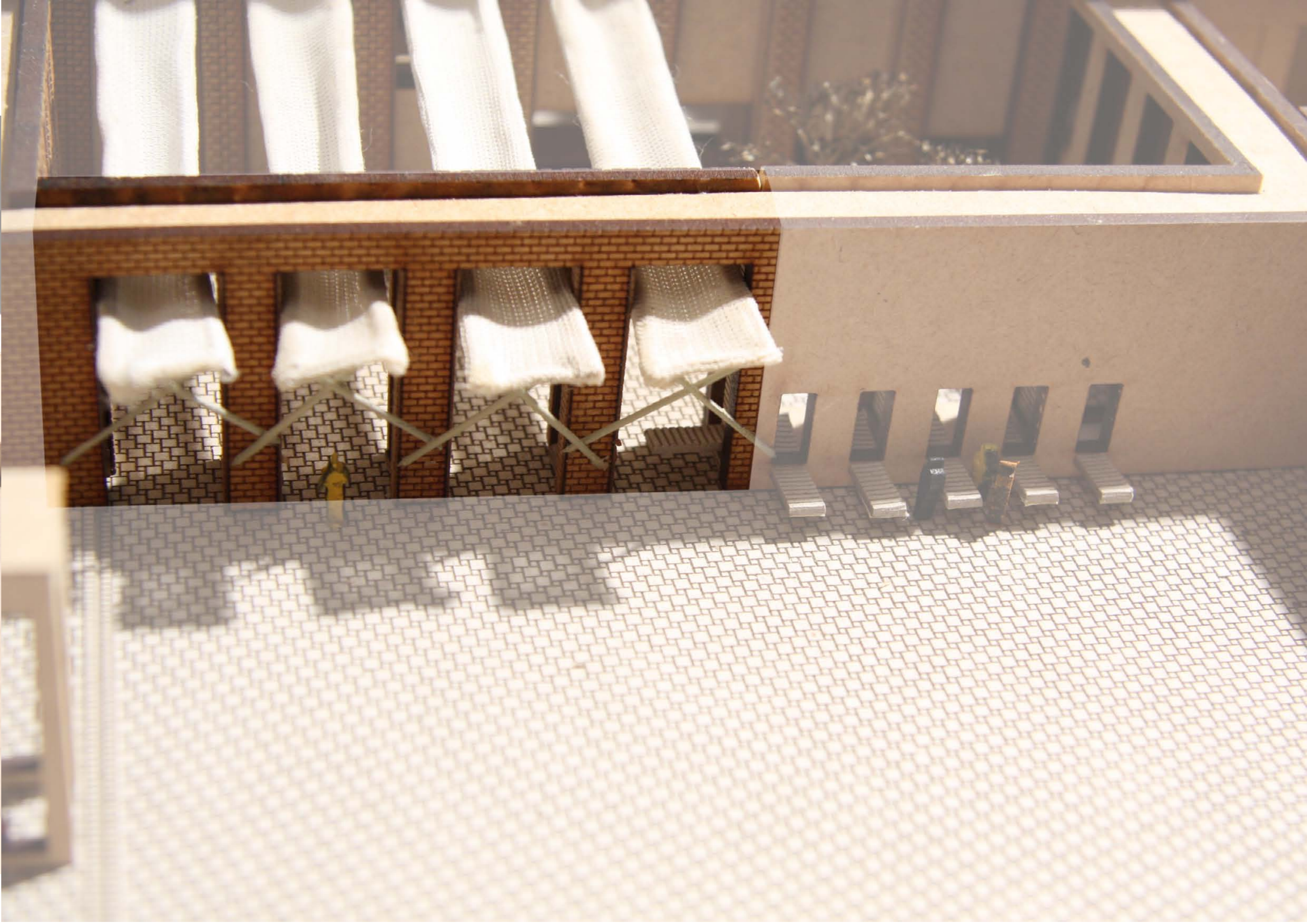




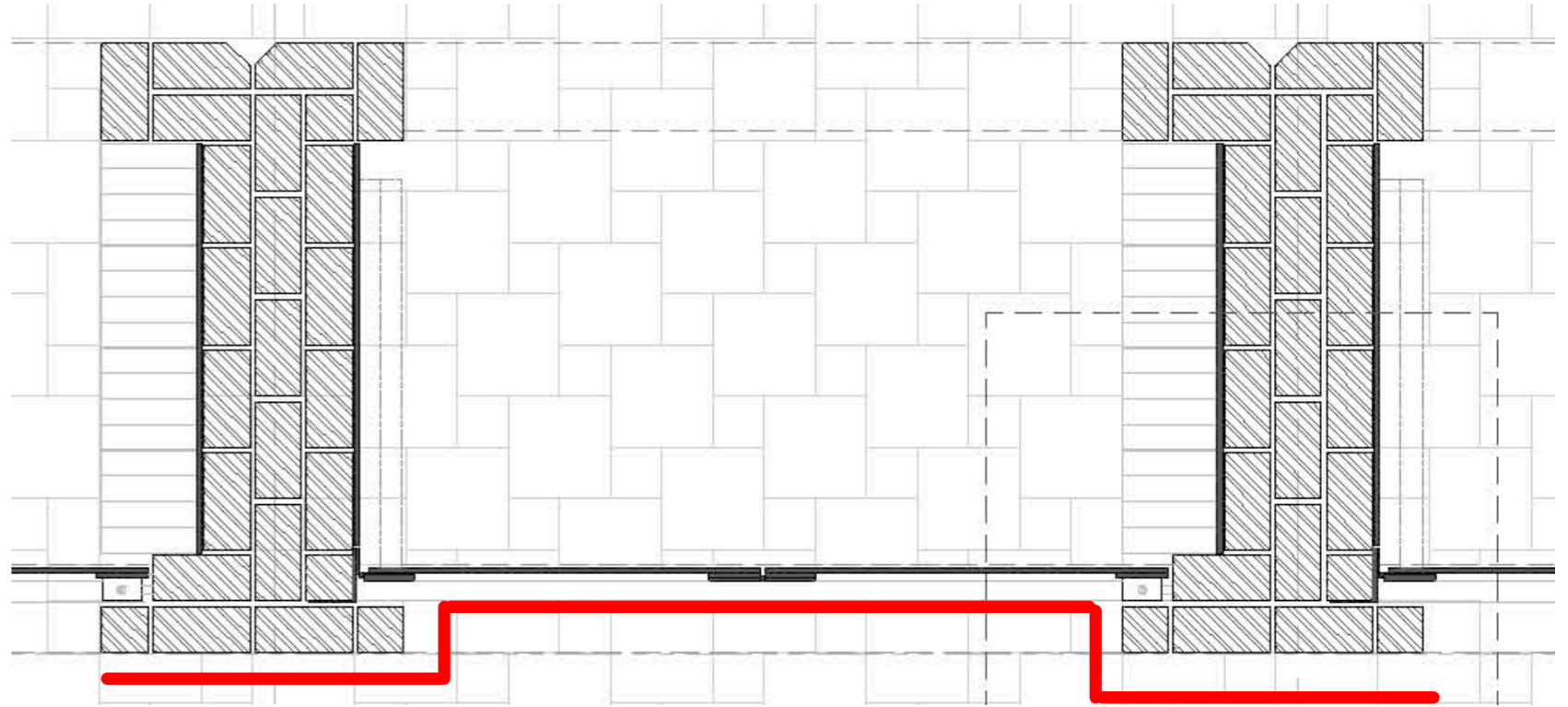
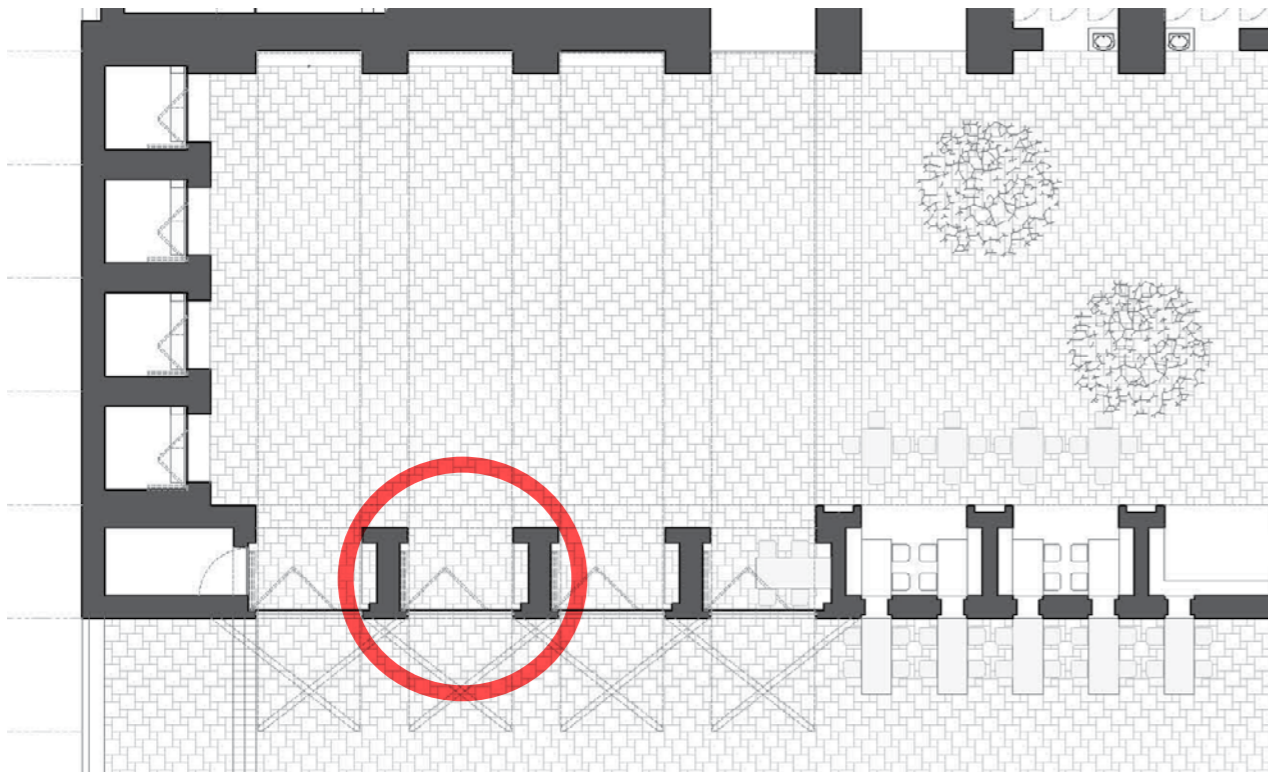
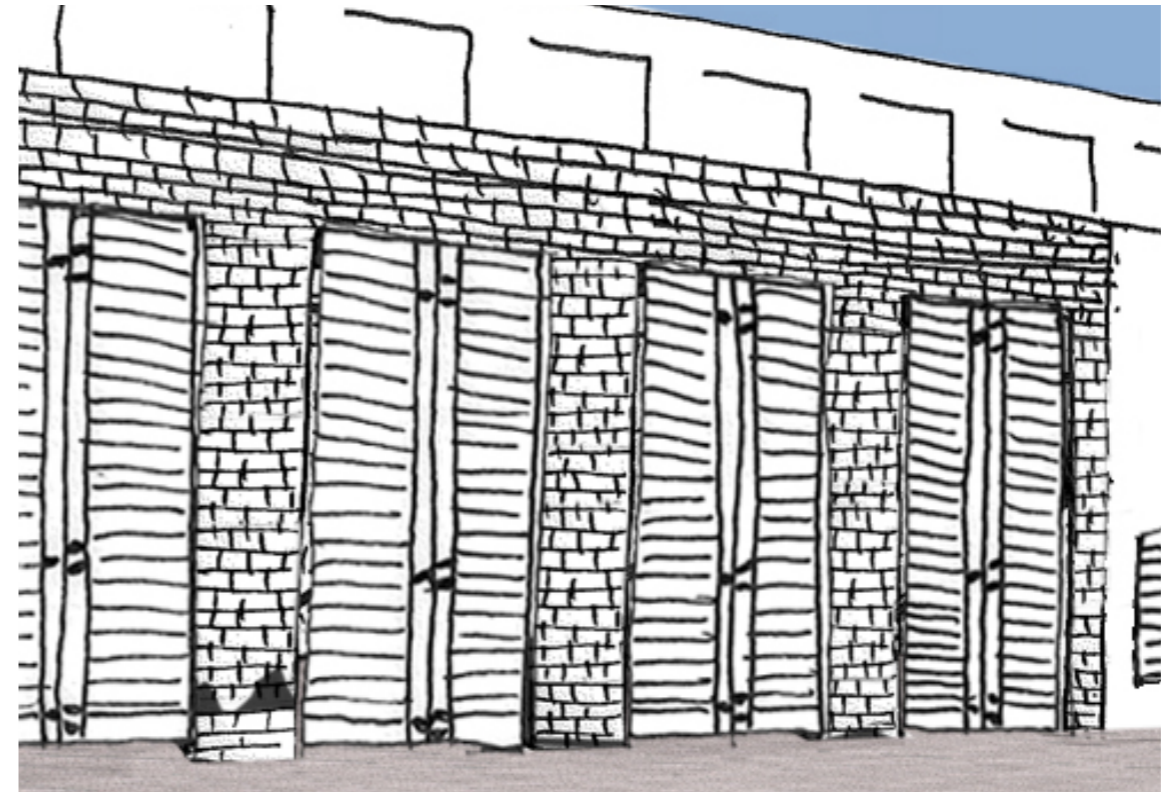




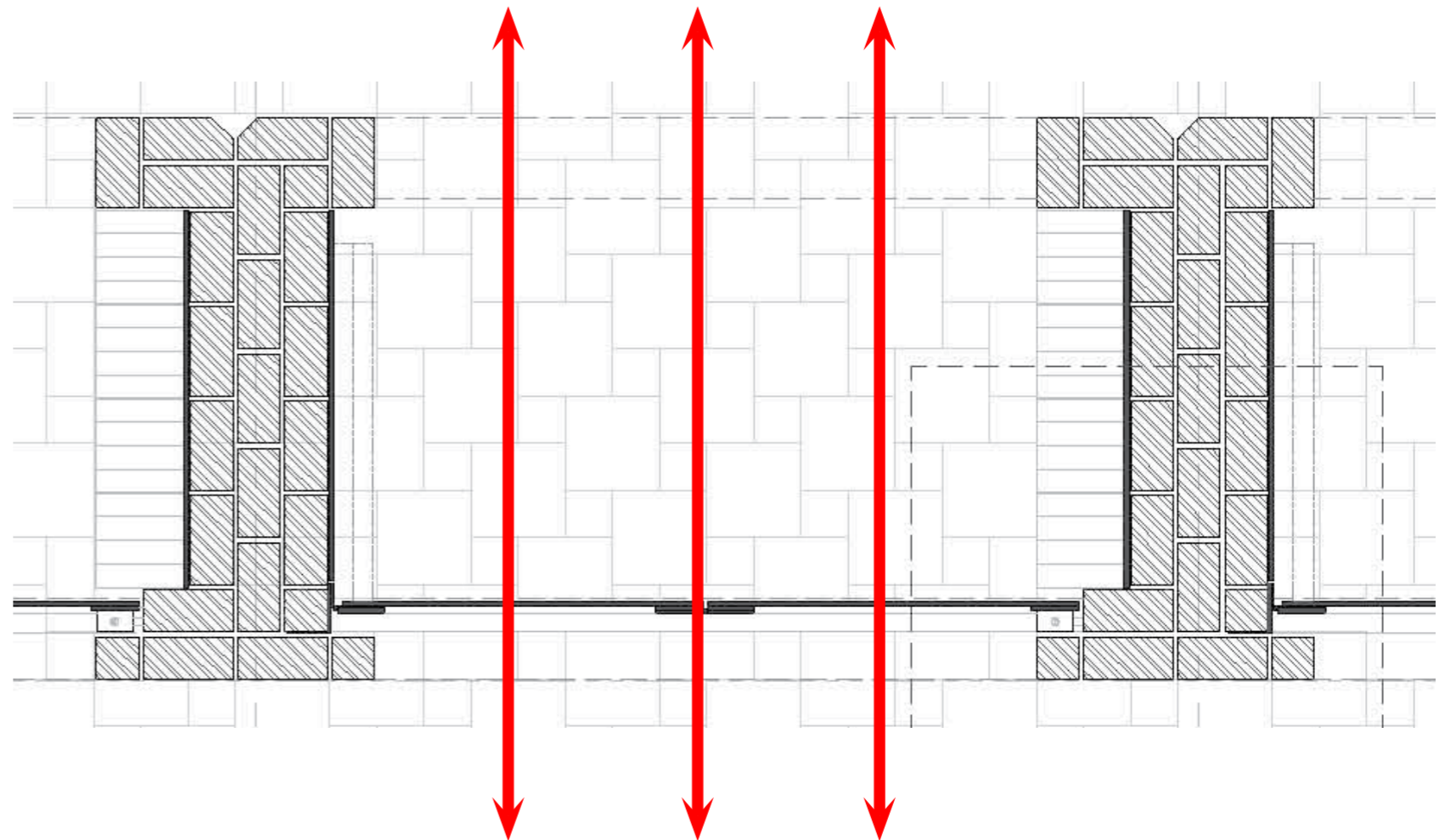
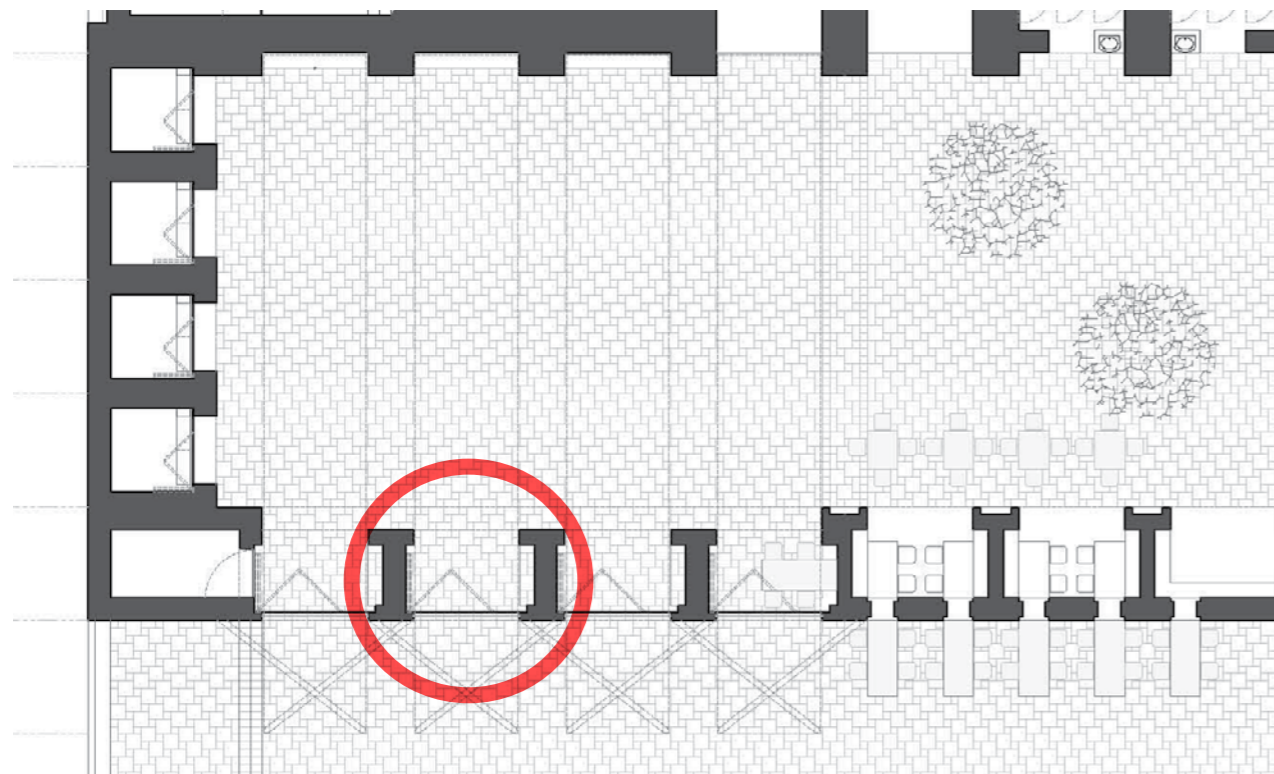




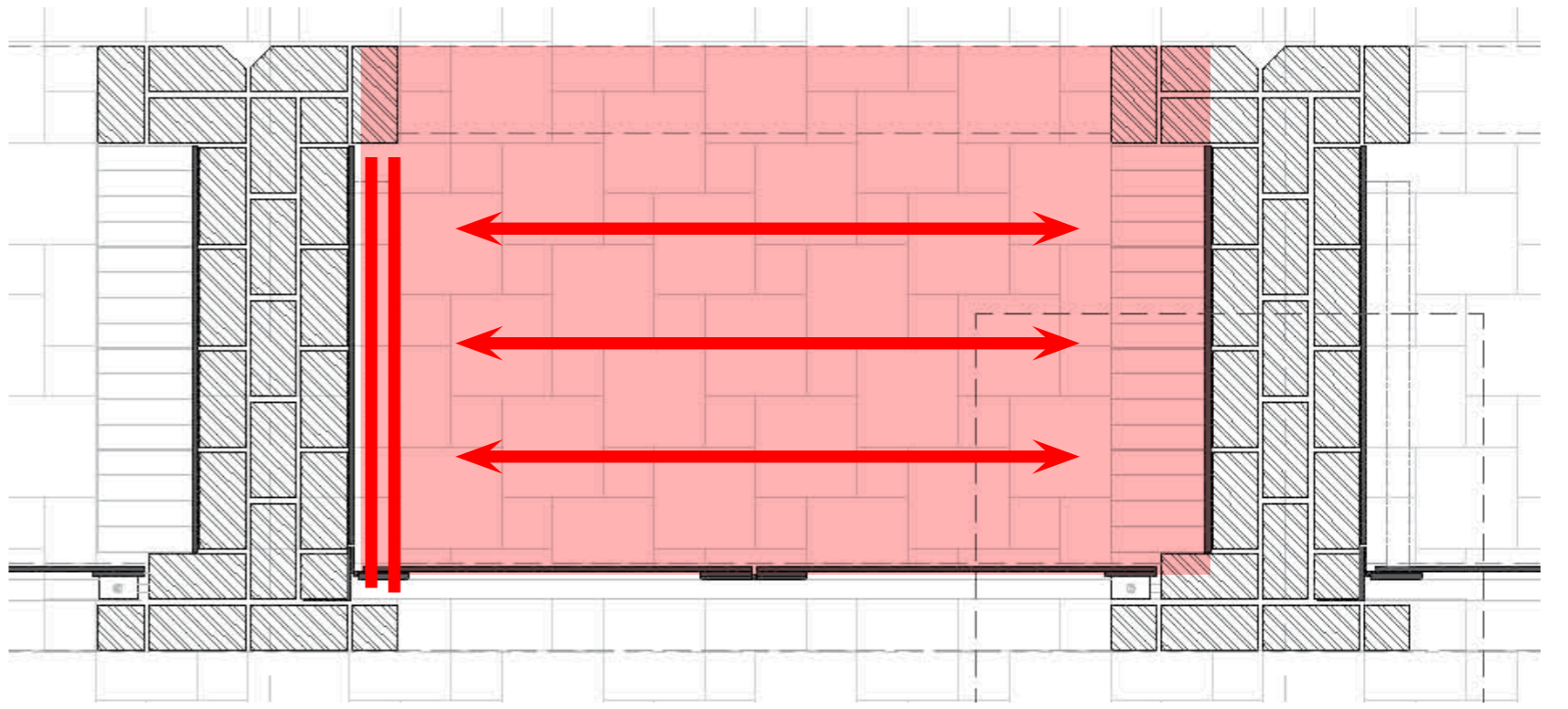
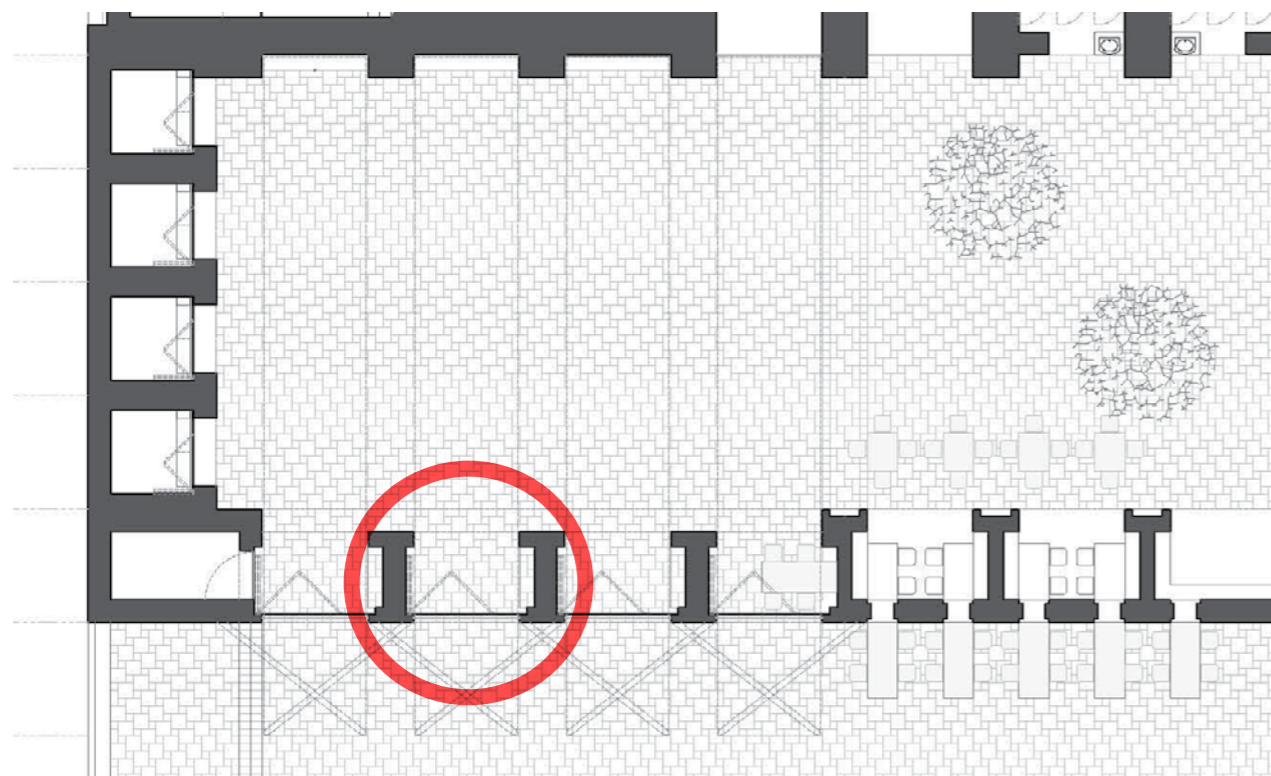


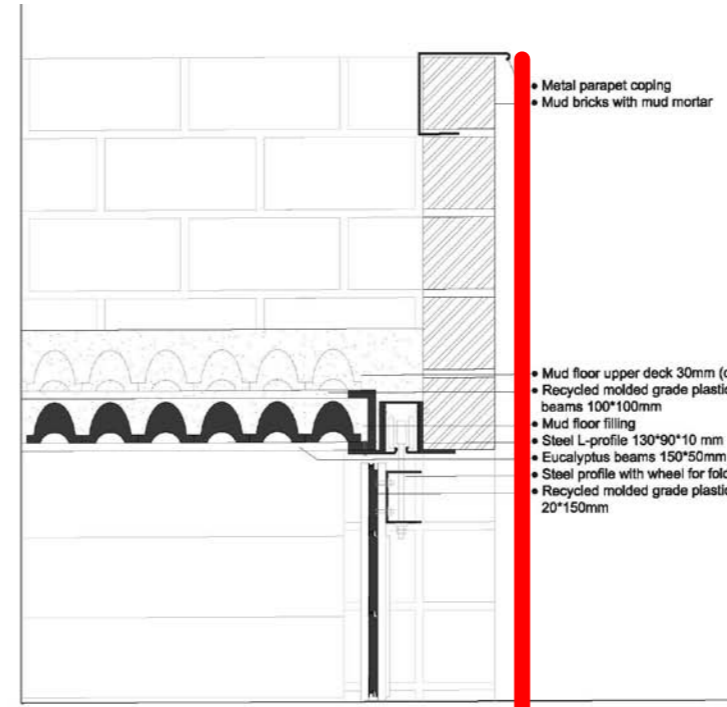
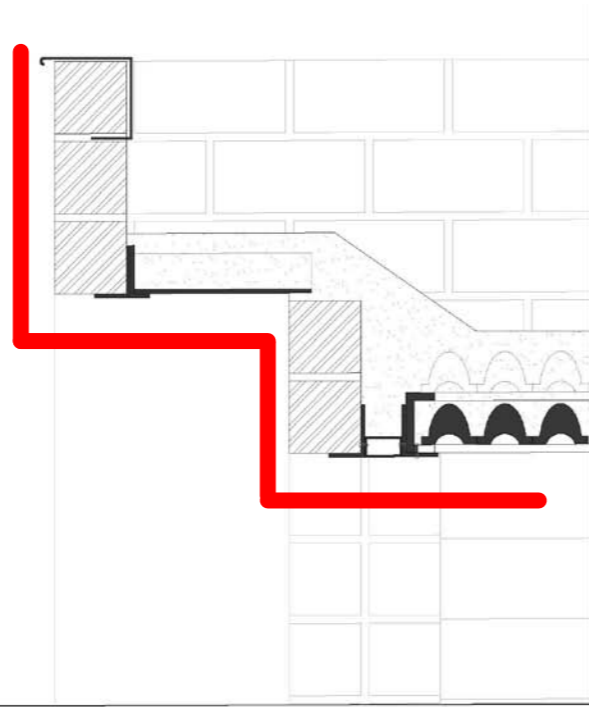




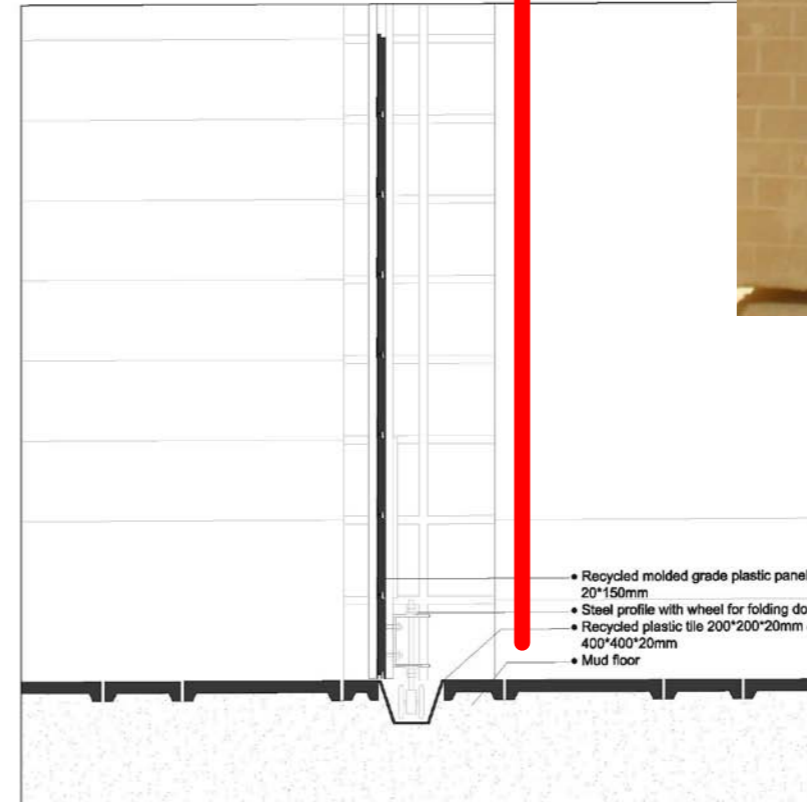








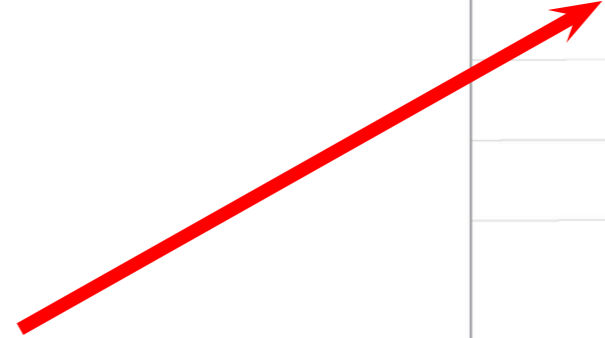
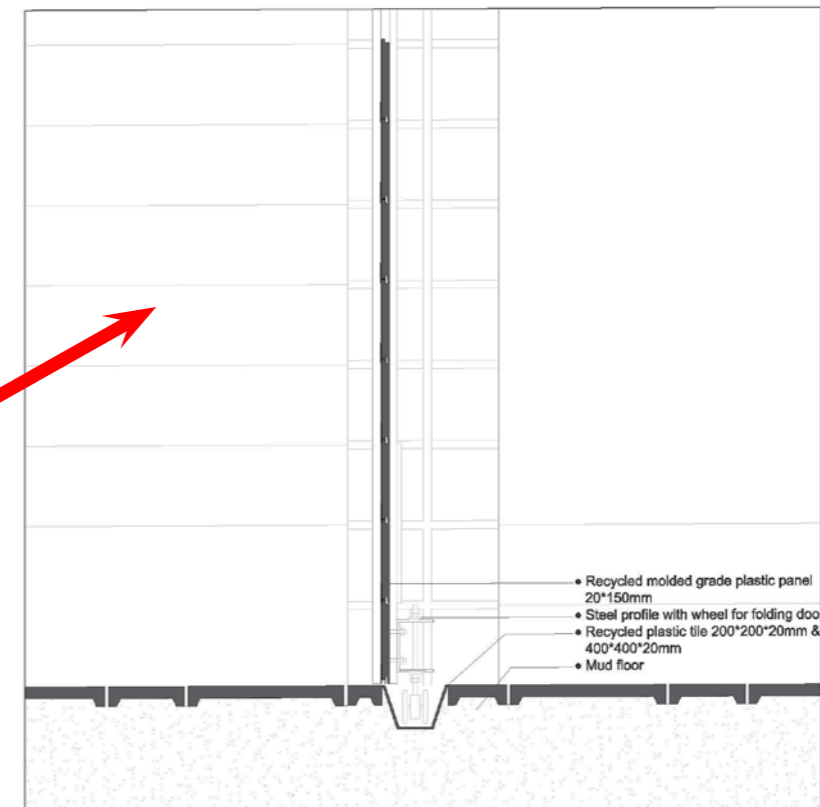
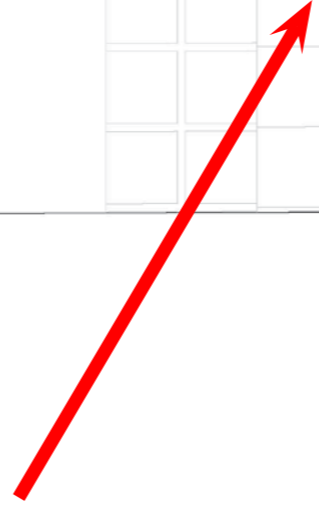
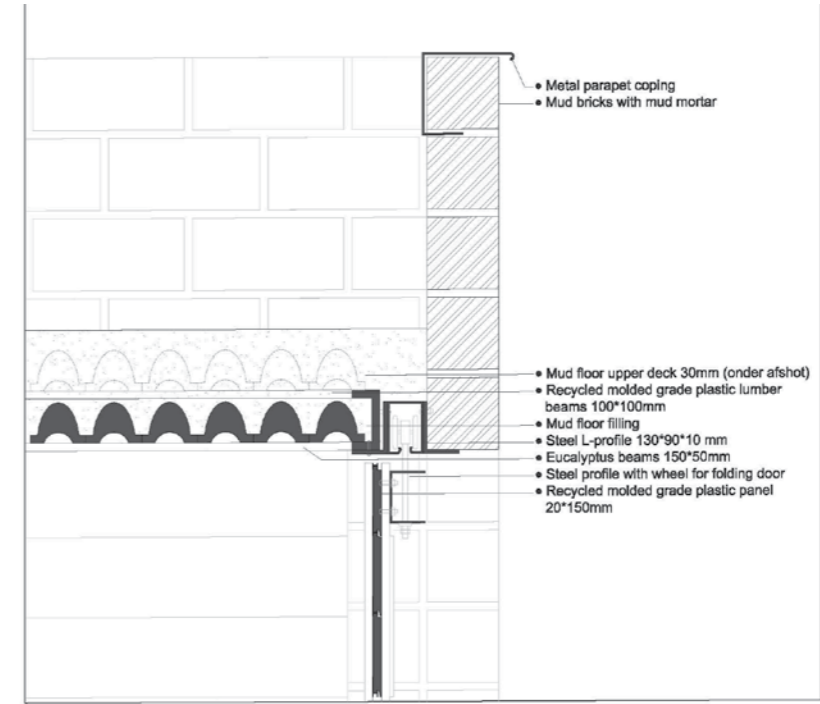
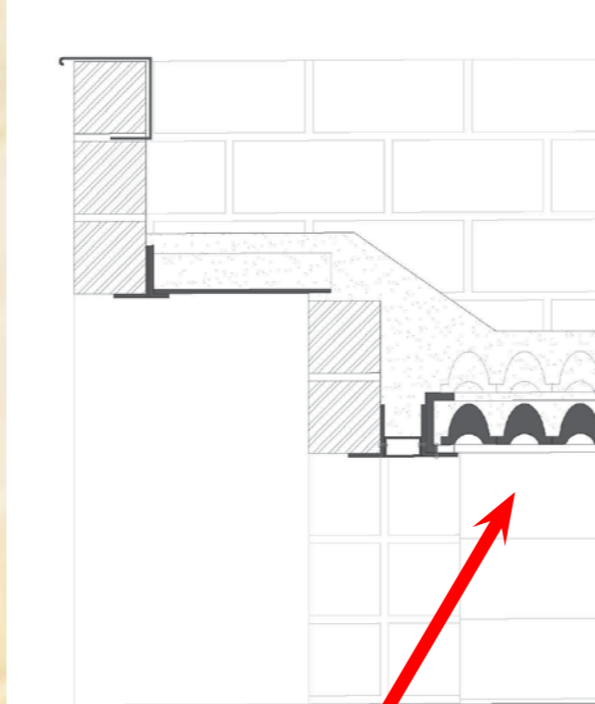
- Metal parapet coping
- Mud bricks with mud mortar
- Mud floor upper deck 30mm (or)
- Recycled molded grade plastic beams 100\*100mm
- Mud floor filling
- Steel L-profile 130\*90\*10 mm
- Eucalyptus beams 150\*50mm
- Steel profile with wheel for folding door
- Recycled molded grade plastic 20\*150mm



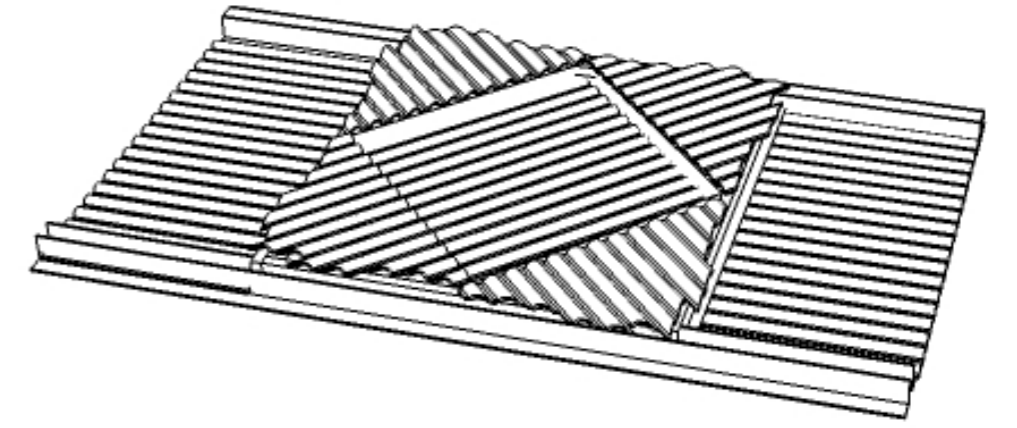
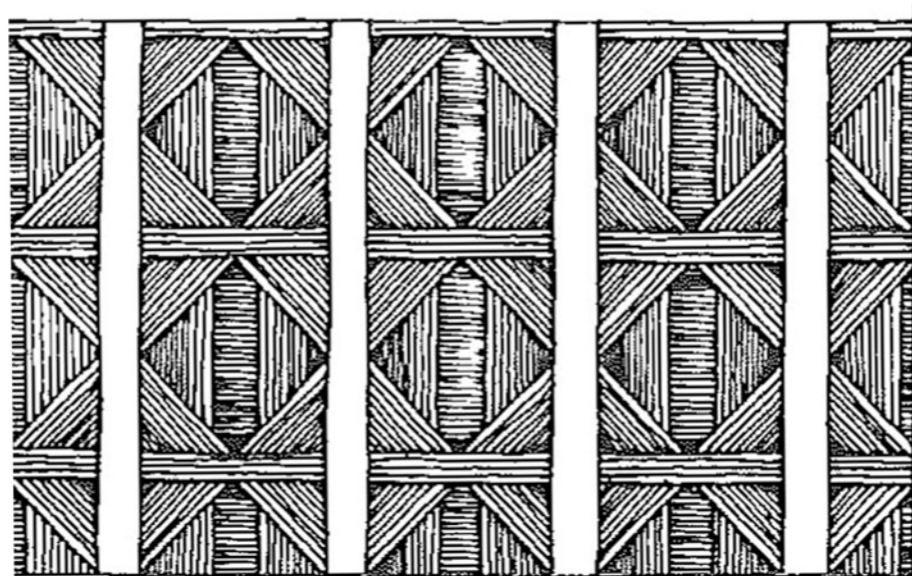
- Recycled molded grade plastic panel 20\*150mm
- Steel profile with wheel for folding door
- Recycled plastic tile 200\*200\*20mm & 400\*400\*20mm
- Mud floor



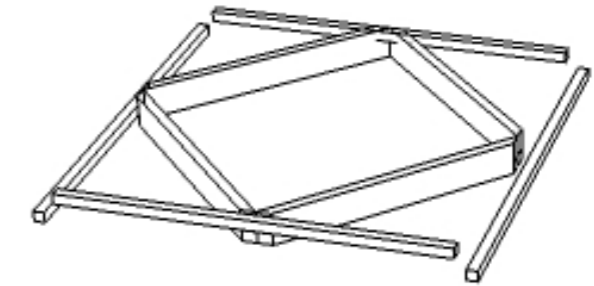
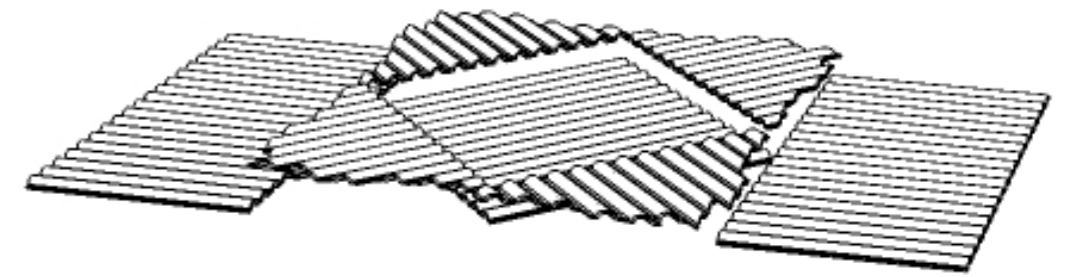




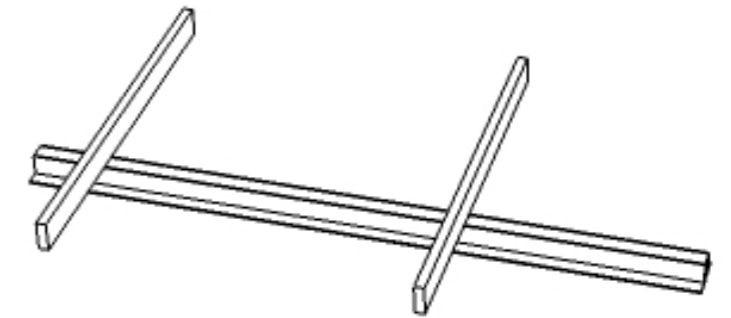




plastic cover



plastic beams

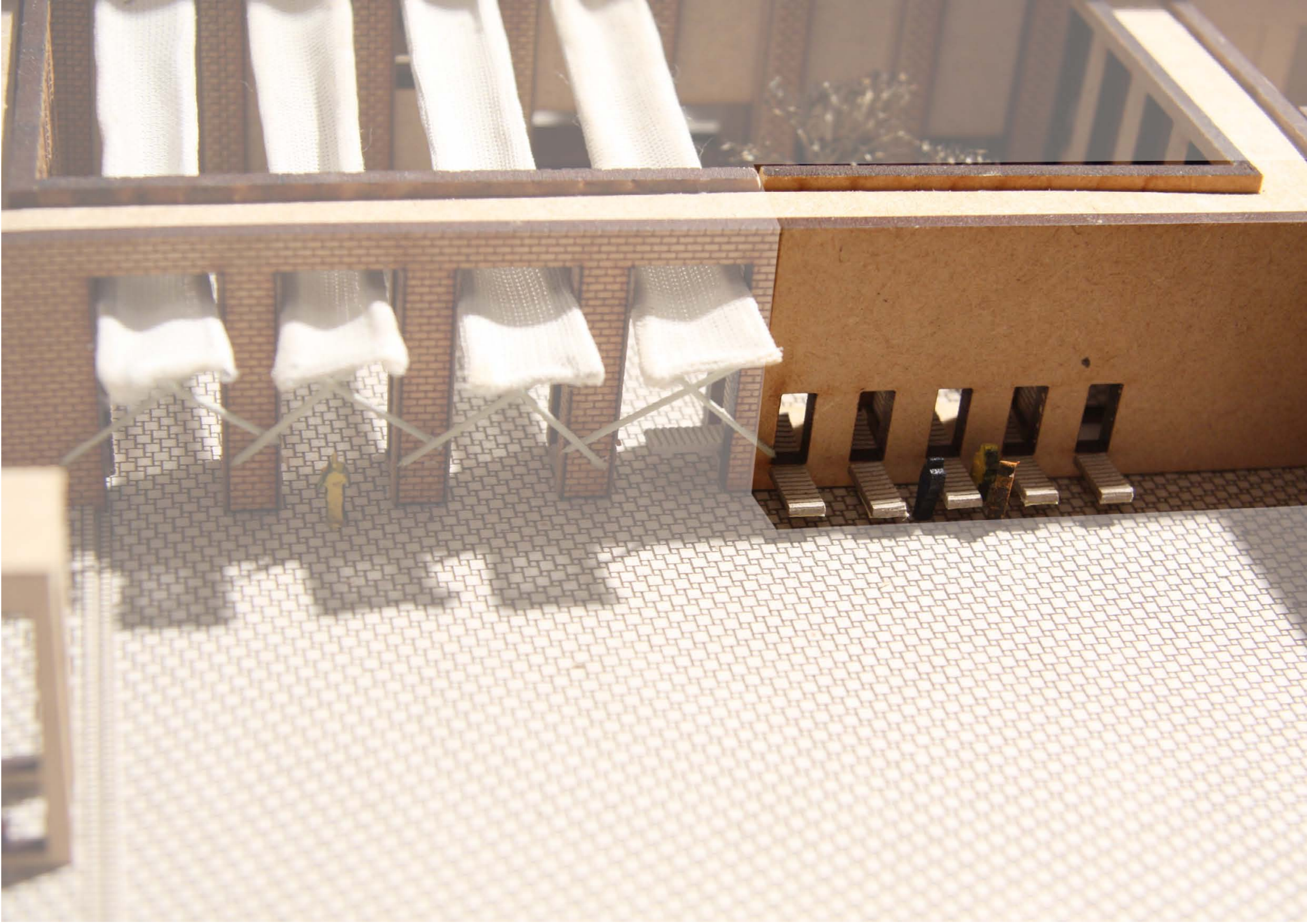


wooden beams

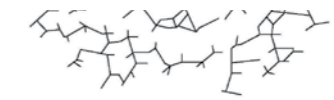
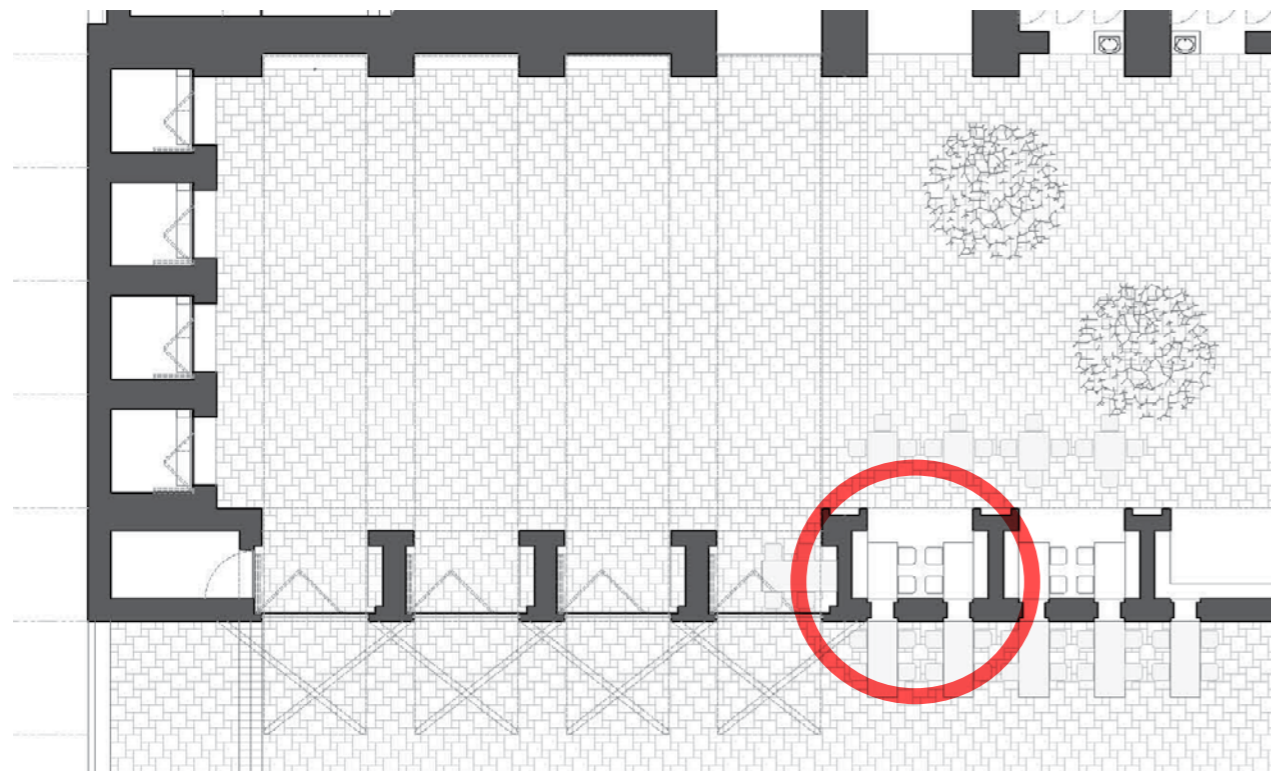
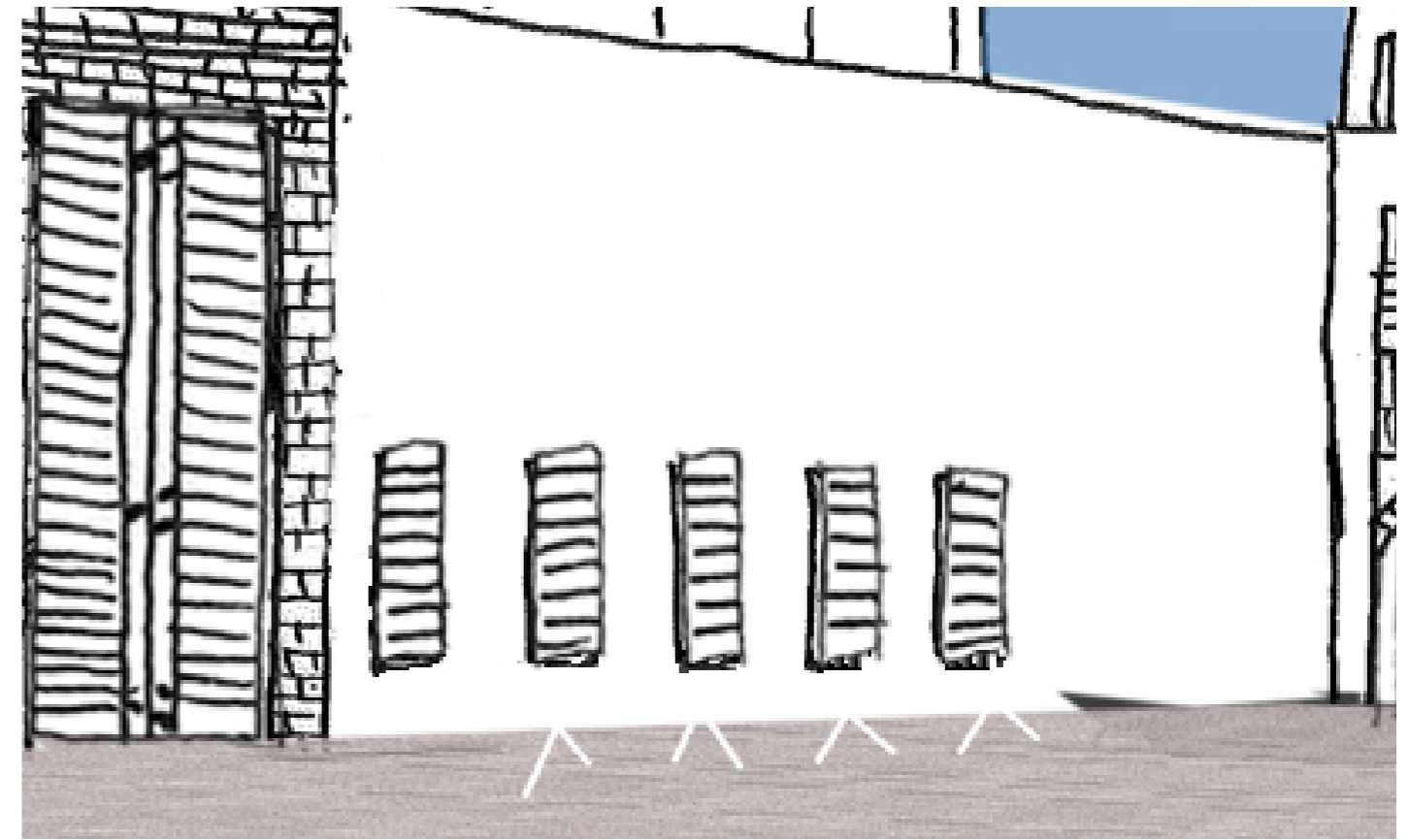


steal beam

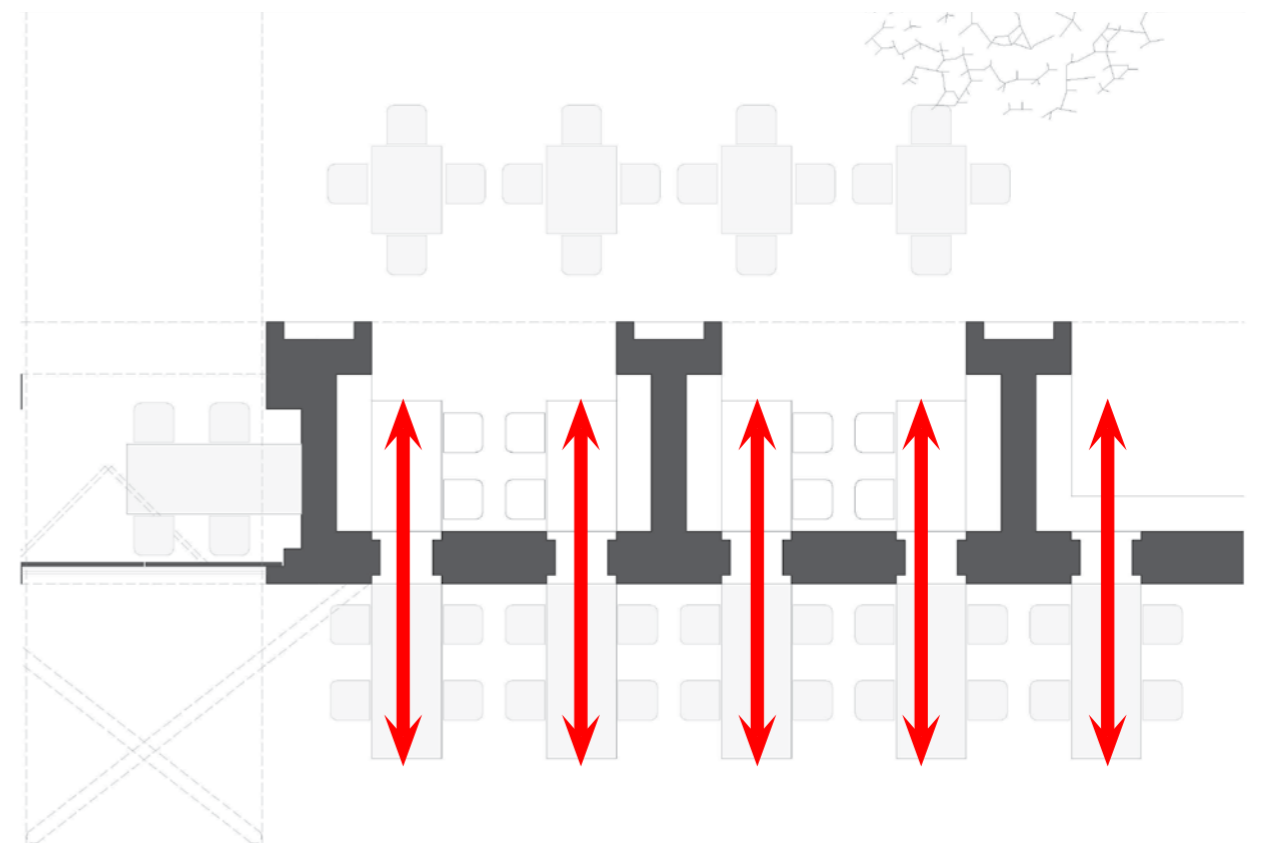
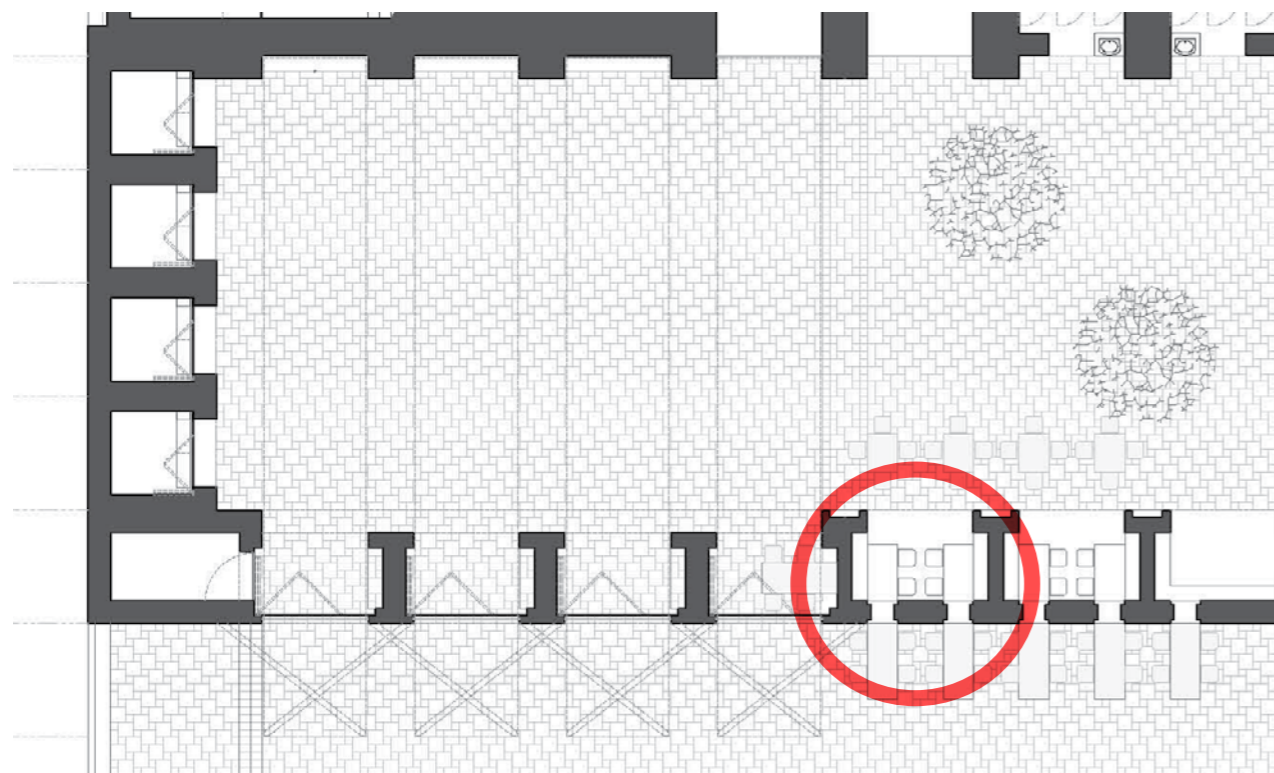
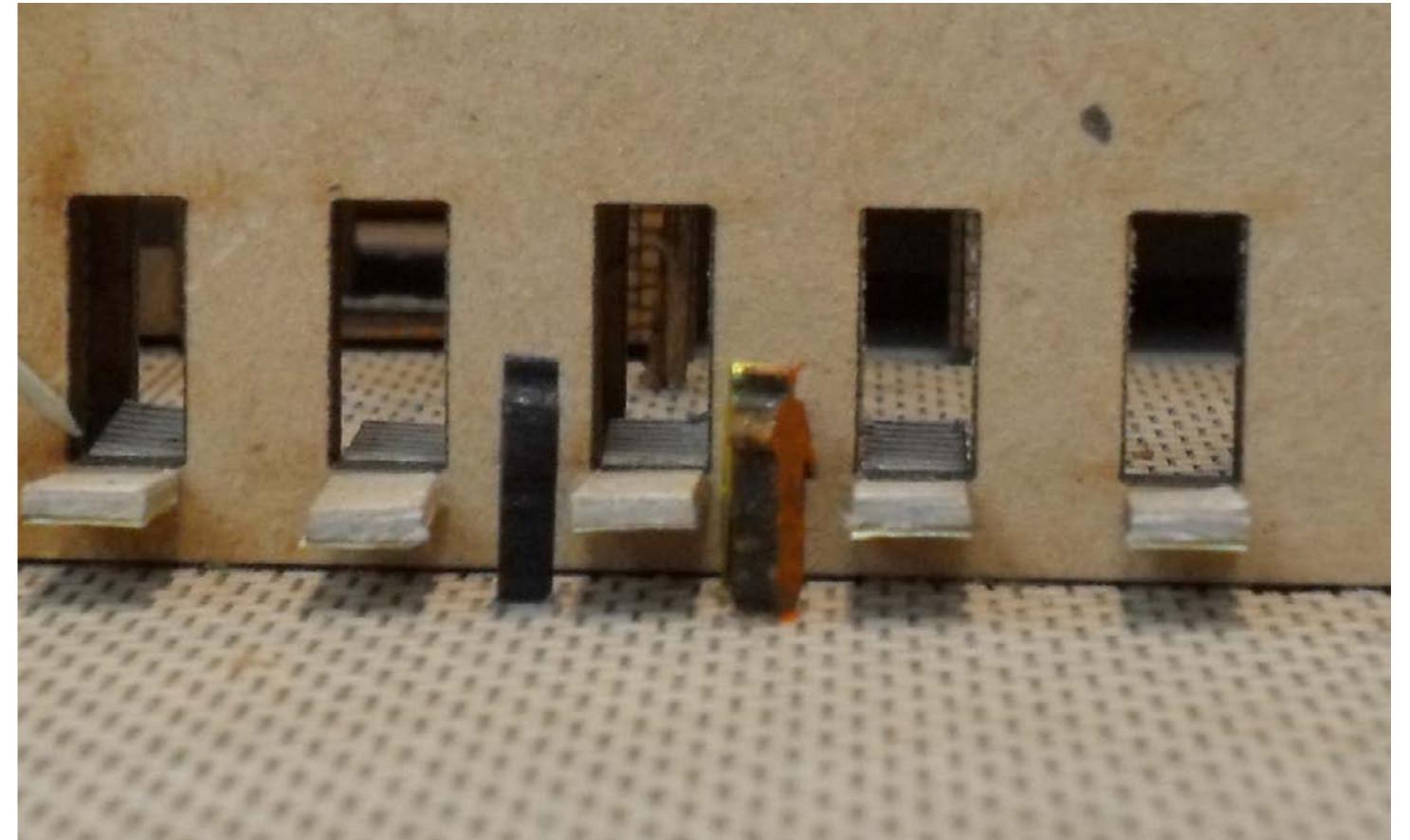








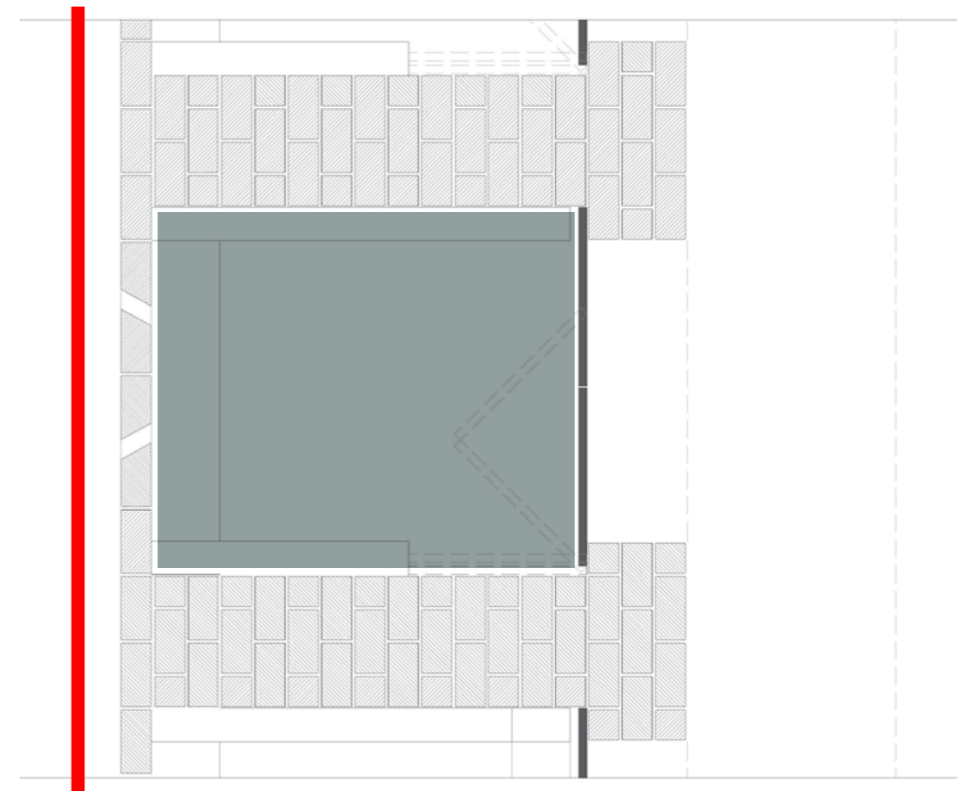
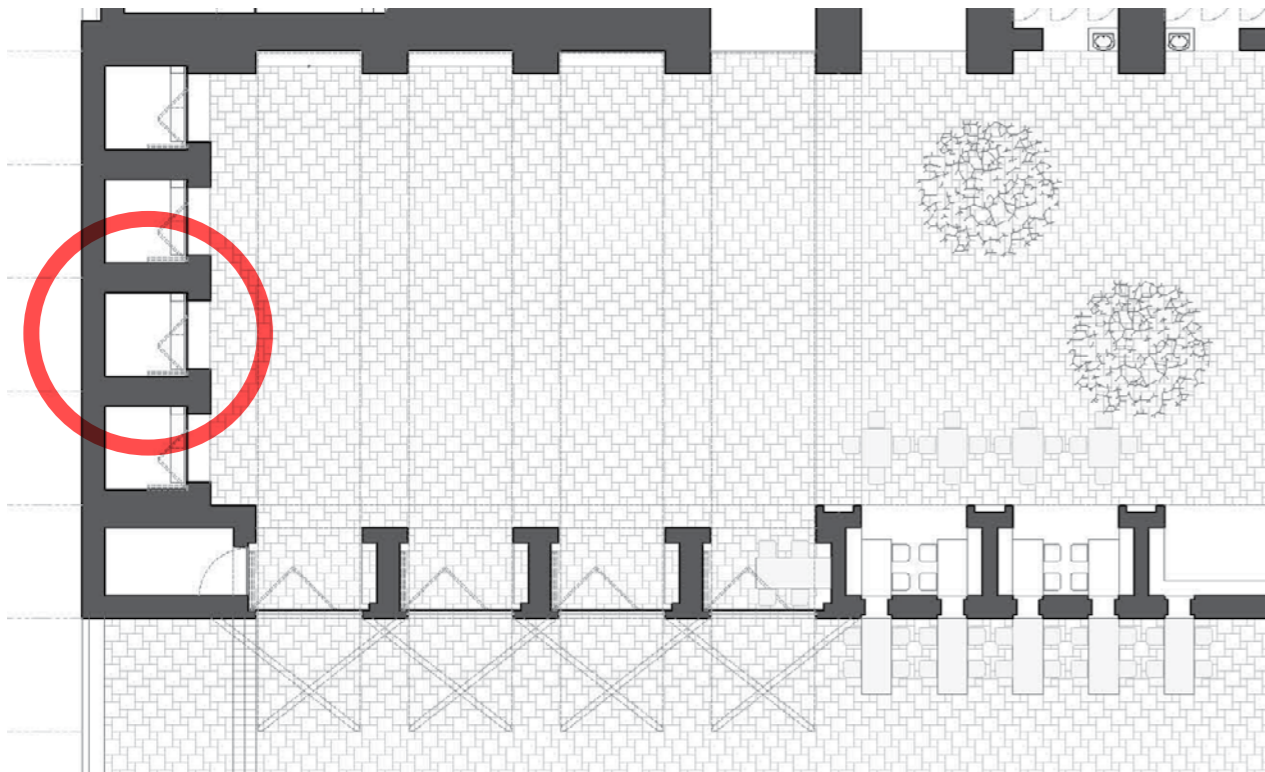
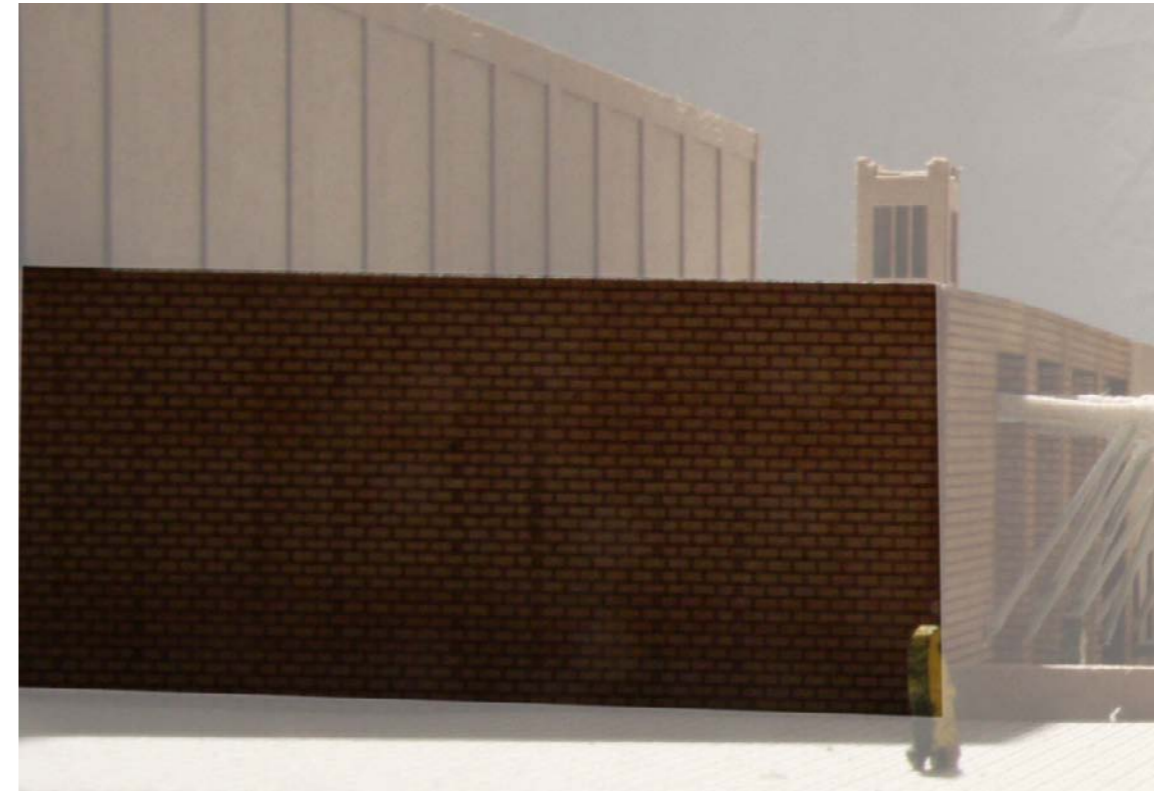


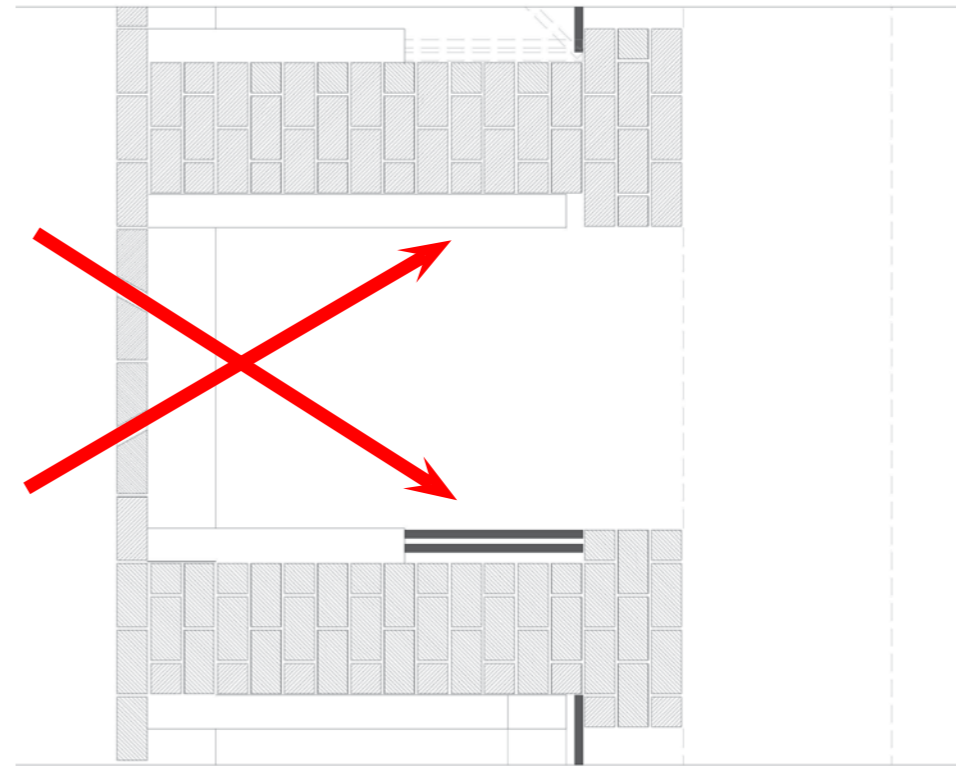
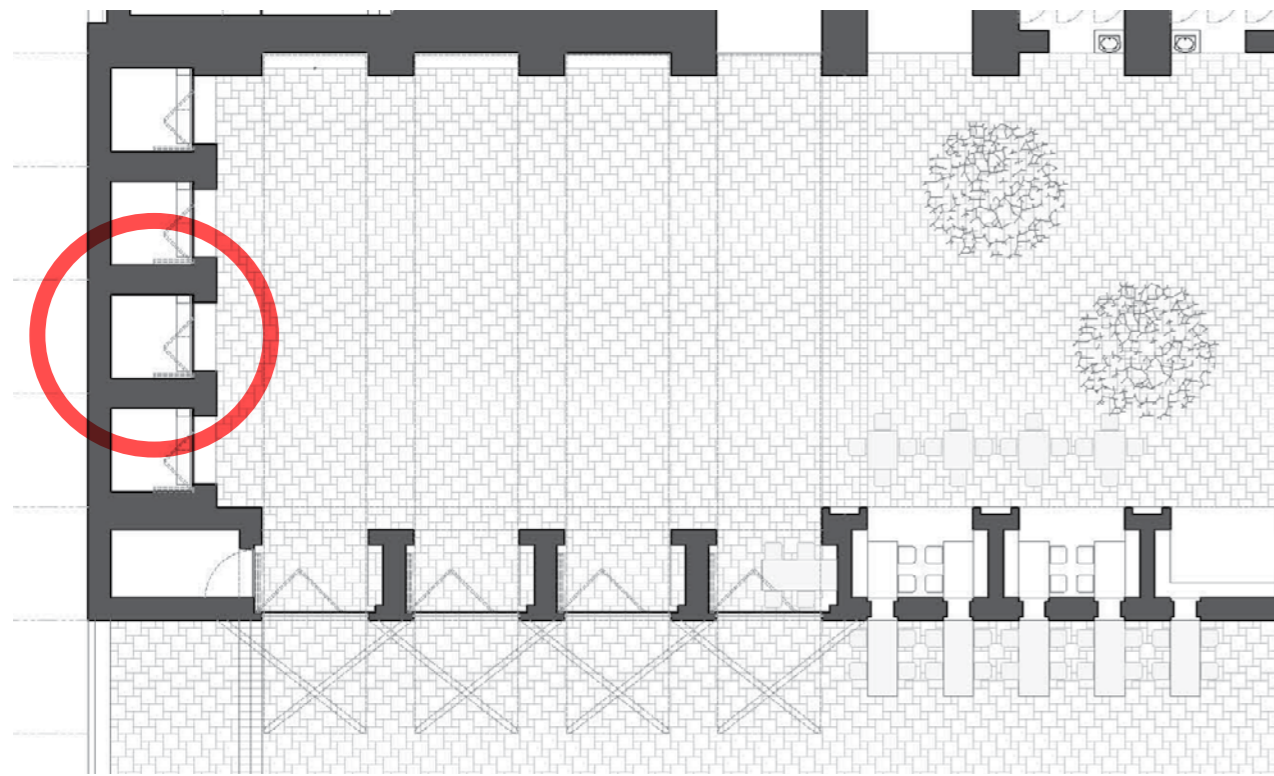






CLOSED

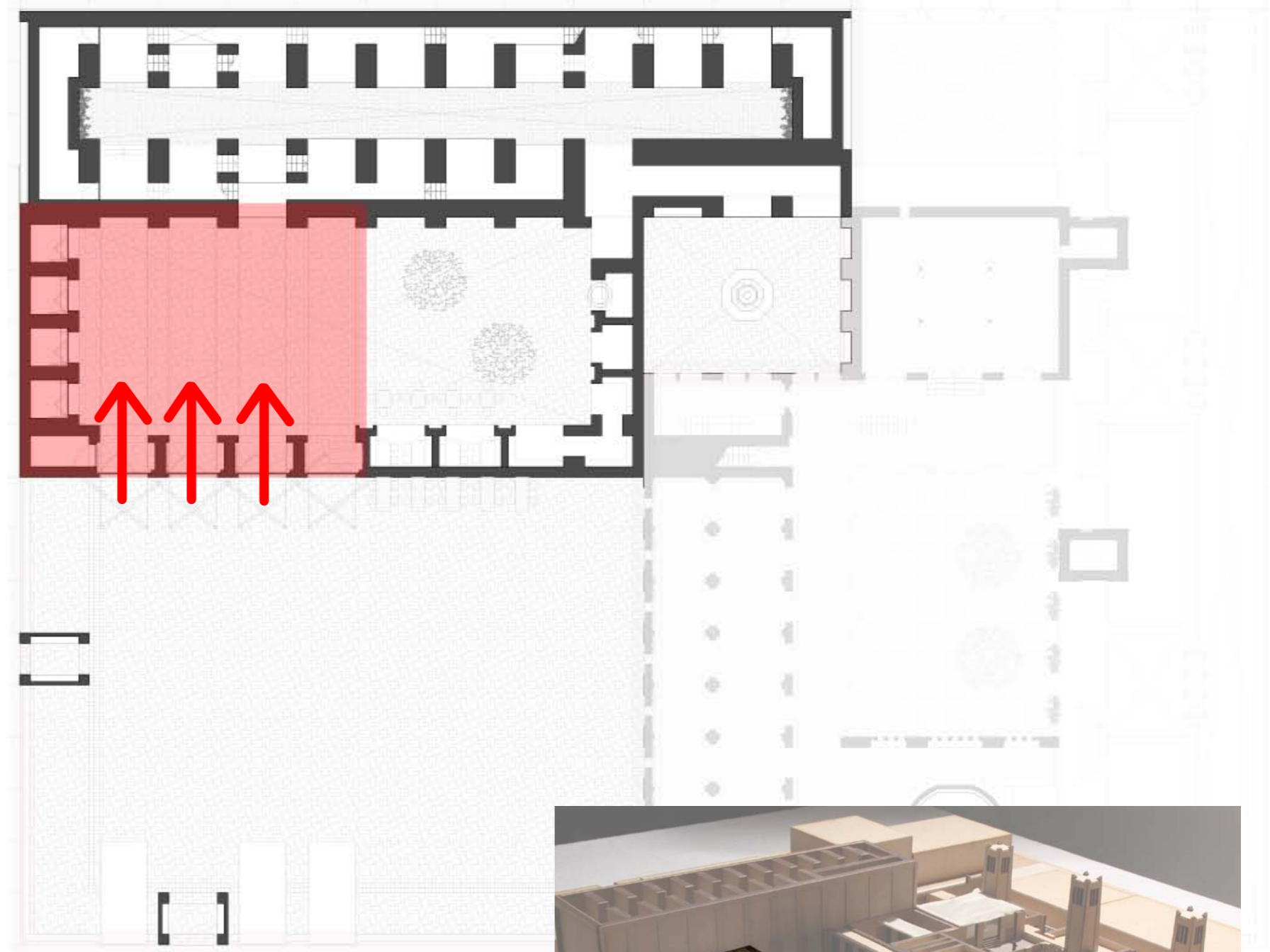






Section 1: gathering  
market  
cinema  
tearoom

**Section 2: trade**  
internet  
market  
tearoom





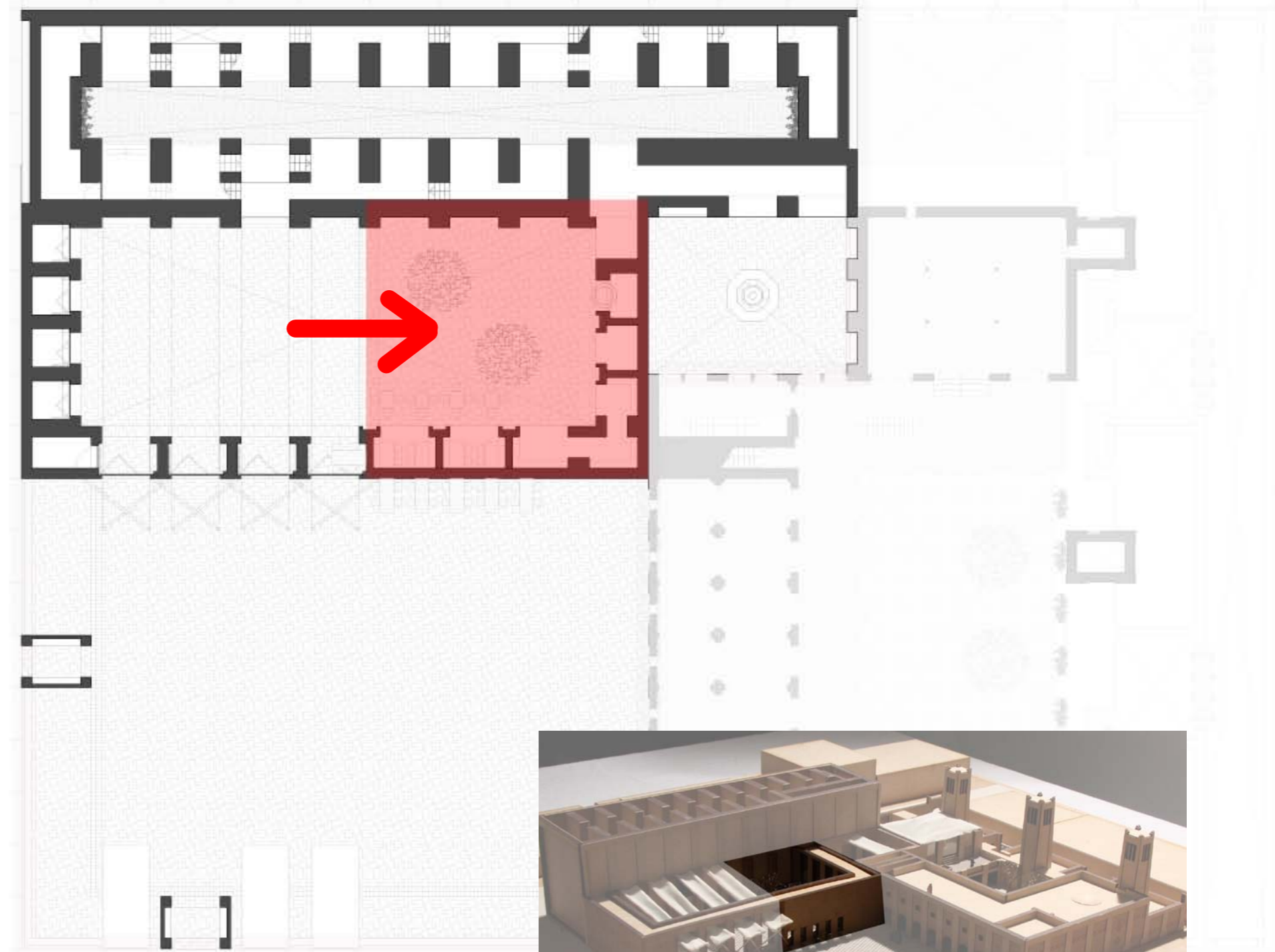




Section 1: gathering  
market  
cinema  
tearoom

Section 2: trade  
internet  
market  
tearoom

**Section 3: networking**  
internet  
market  
tearoom  
garden



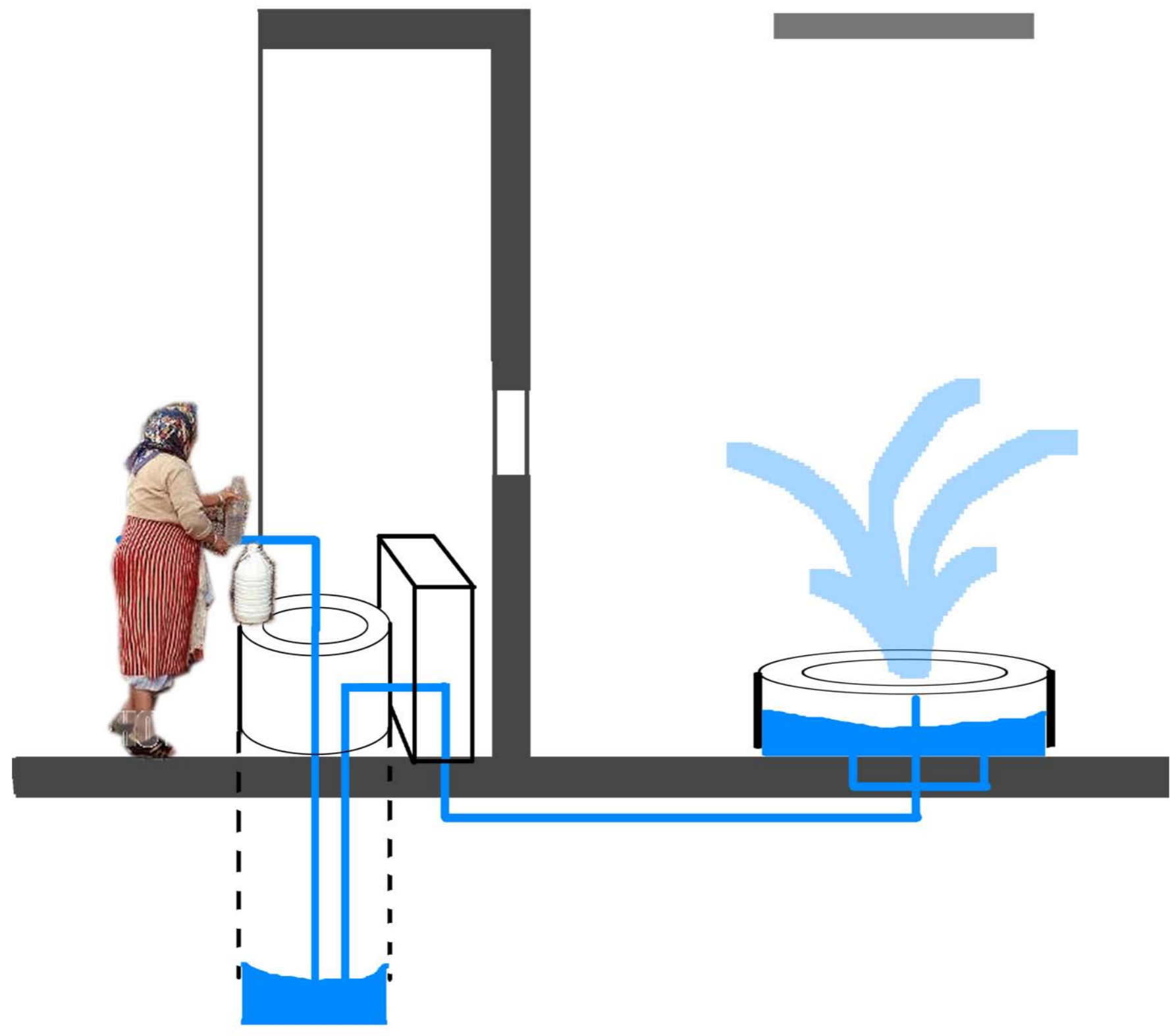
















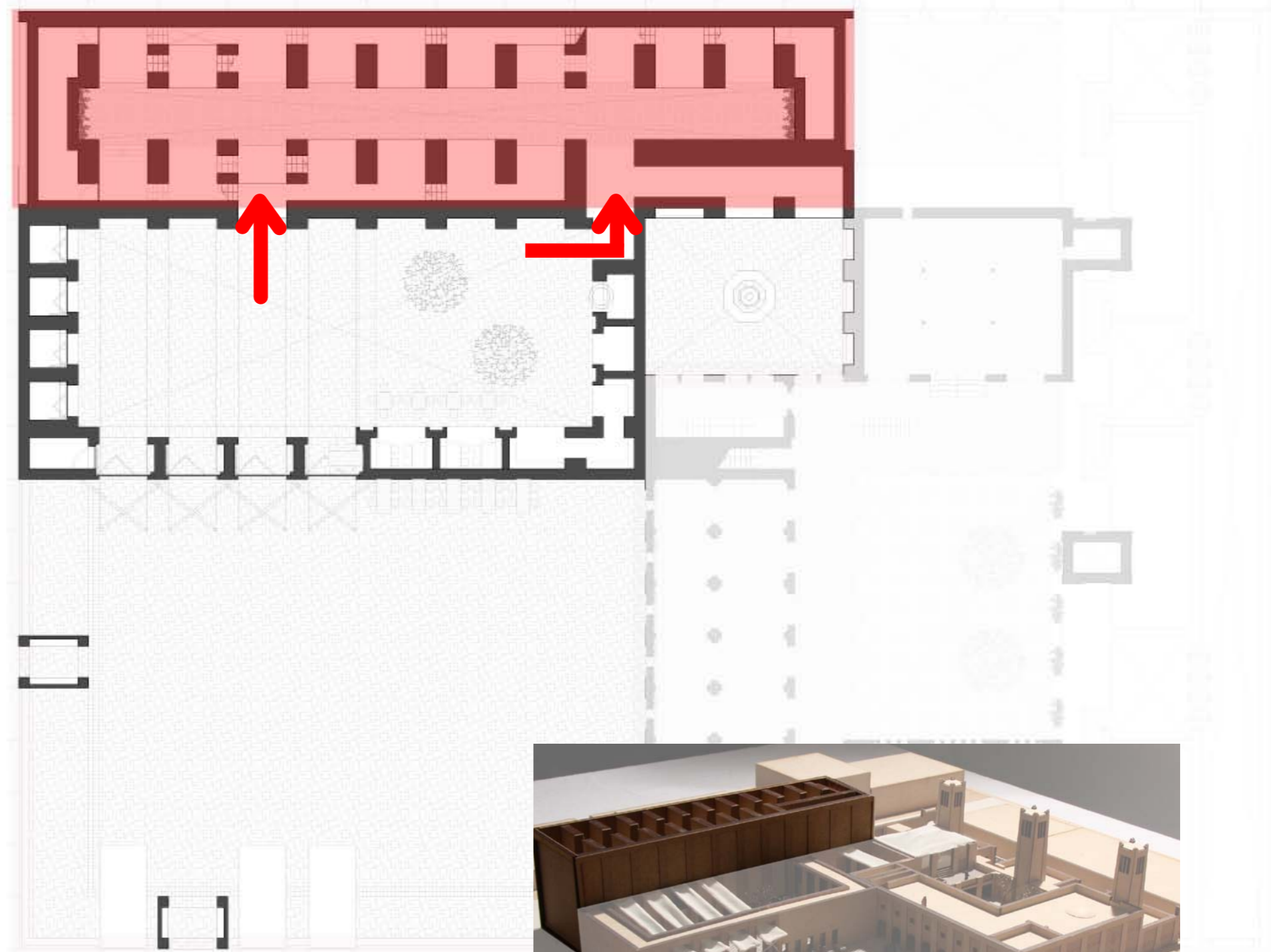


Section 1: gathering  
market  
cinema  
tearoom

Section 2: trade  
internet  
market  
tearoom

Section 3: networking  
internet  
market  
tearoom  
garden

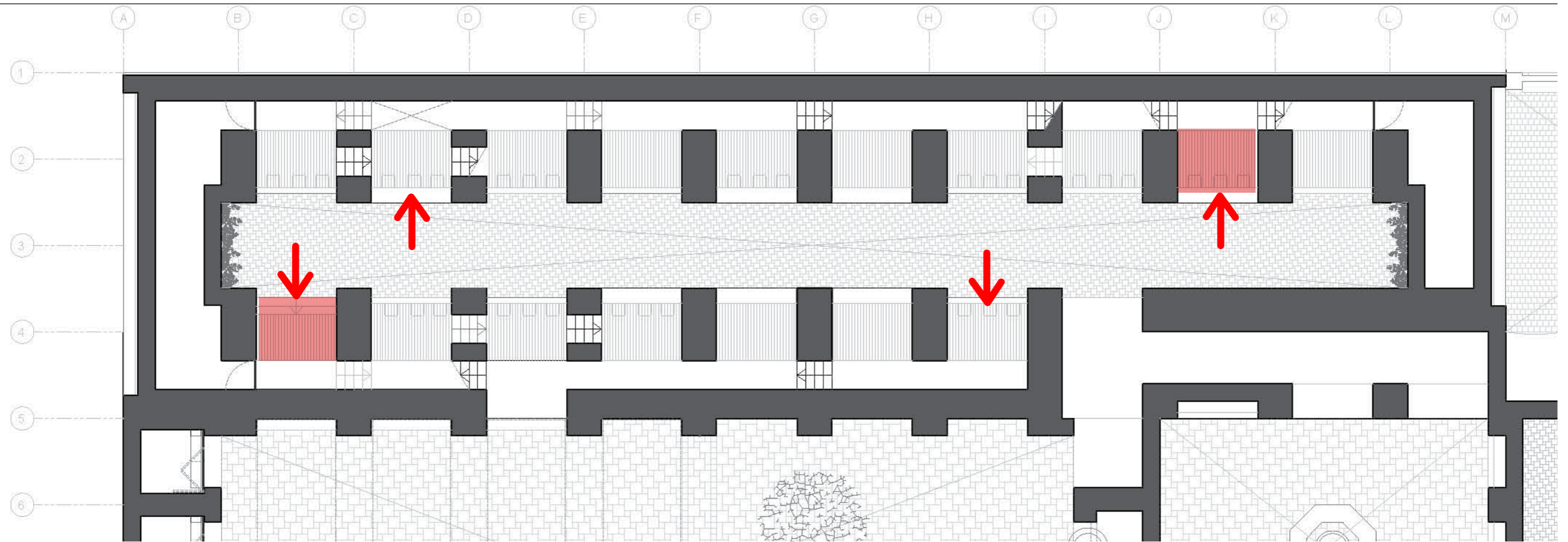
**Section 4: knowledge**  
internet  
study





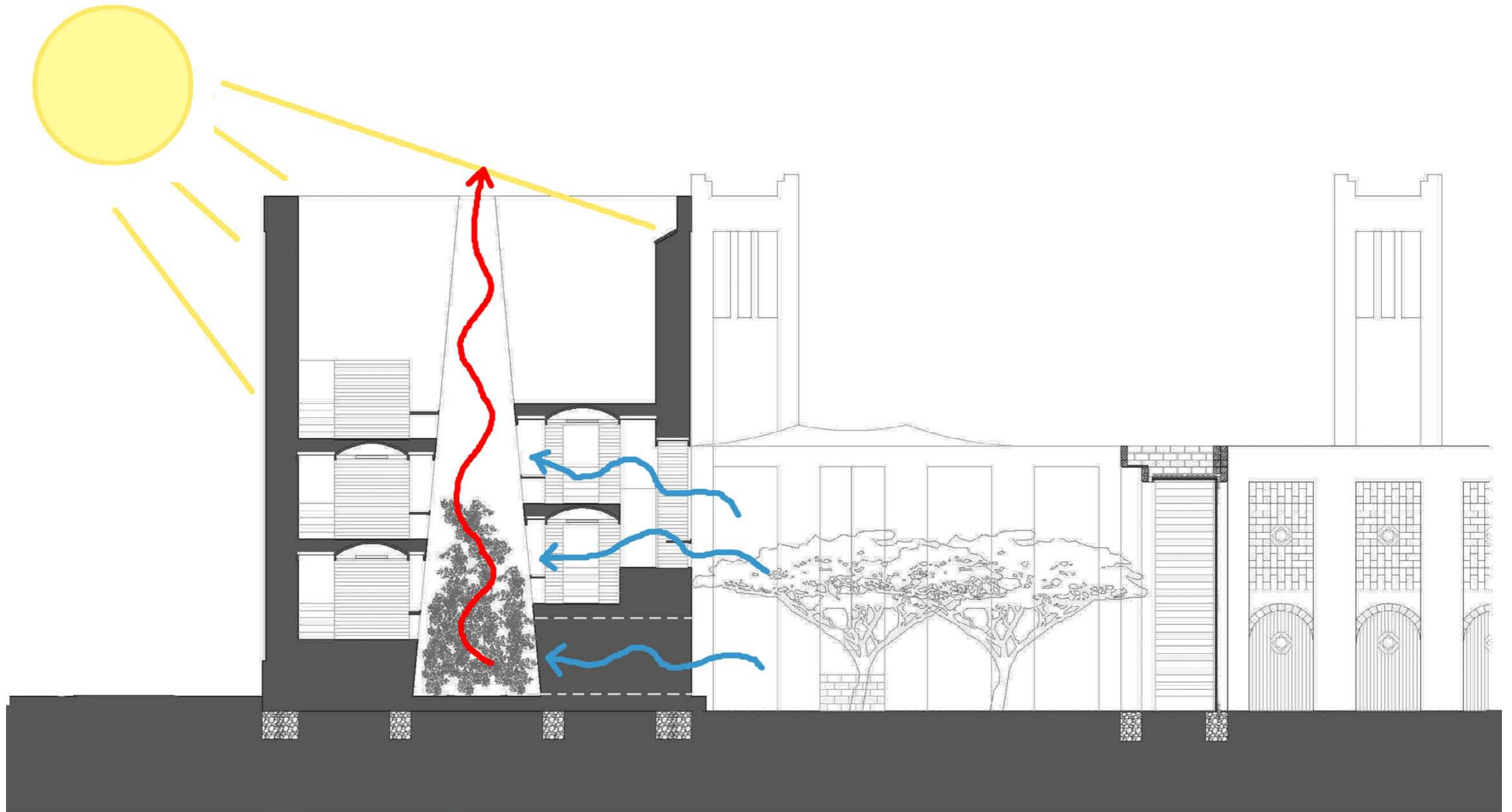




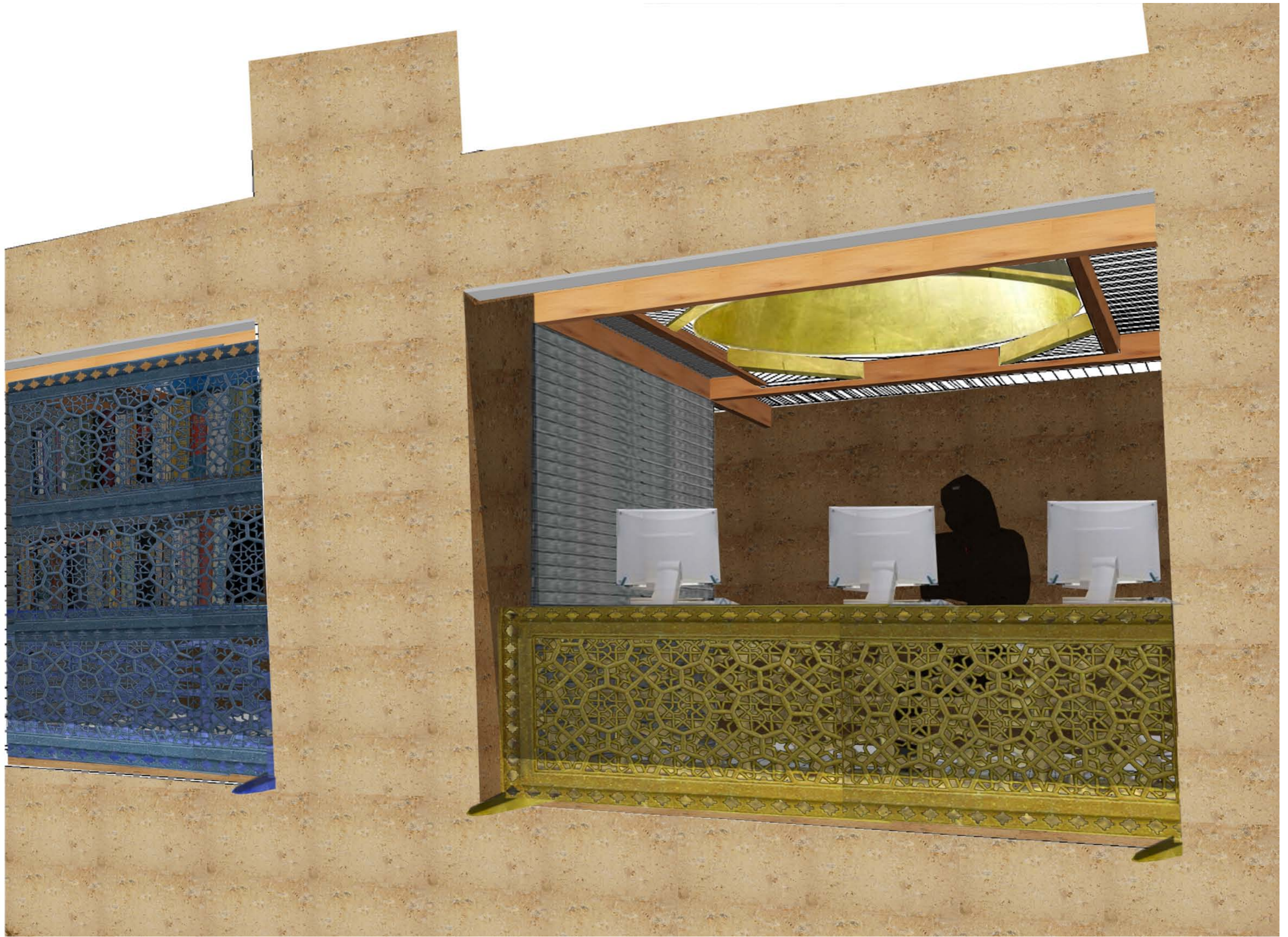




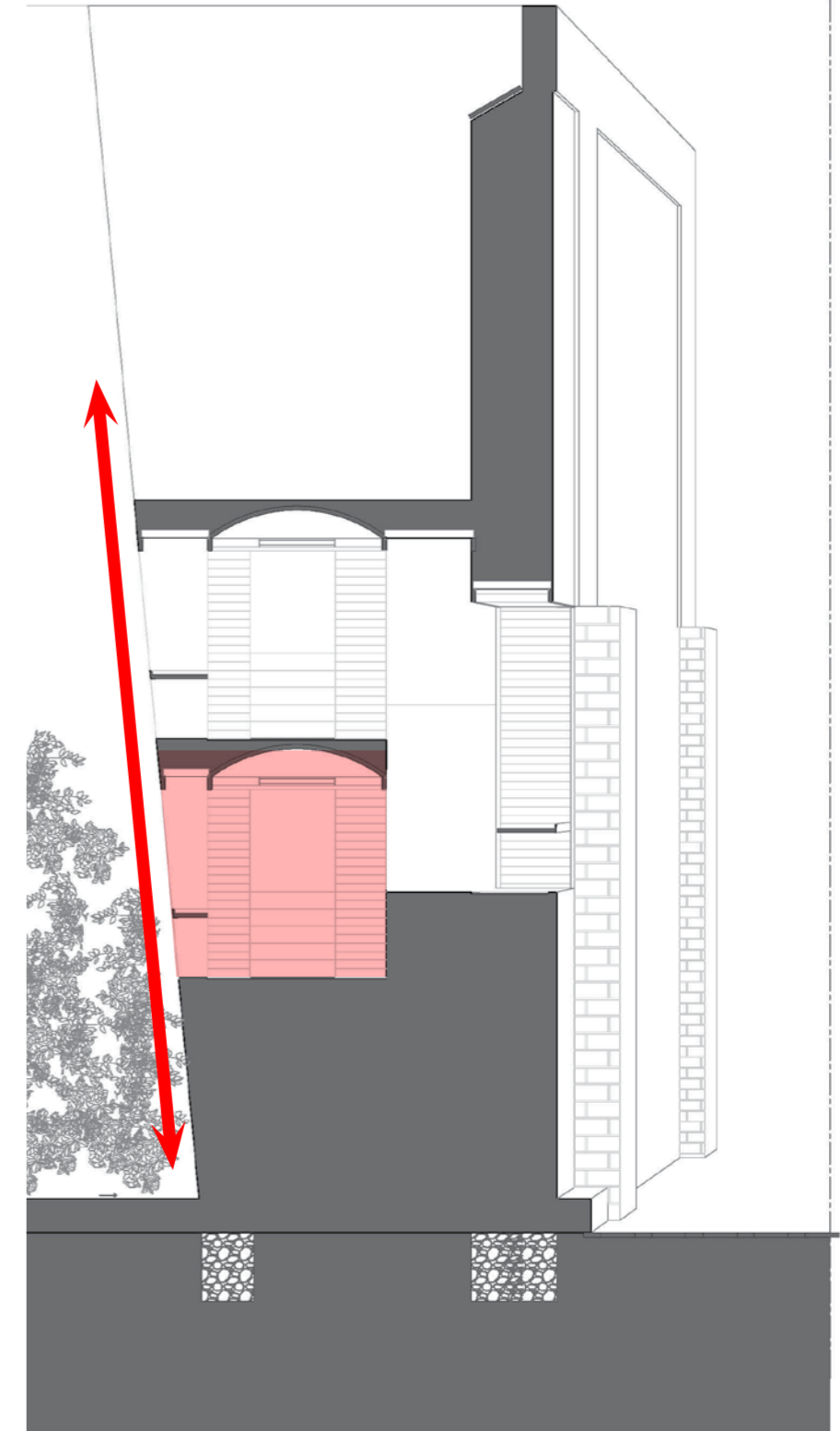
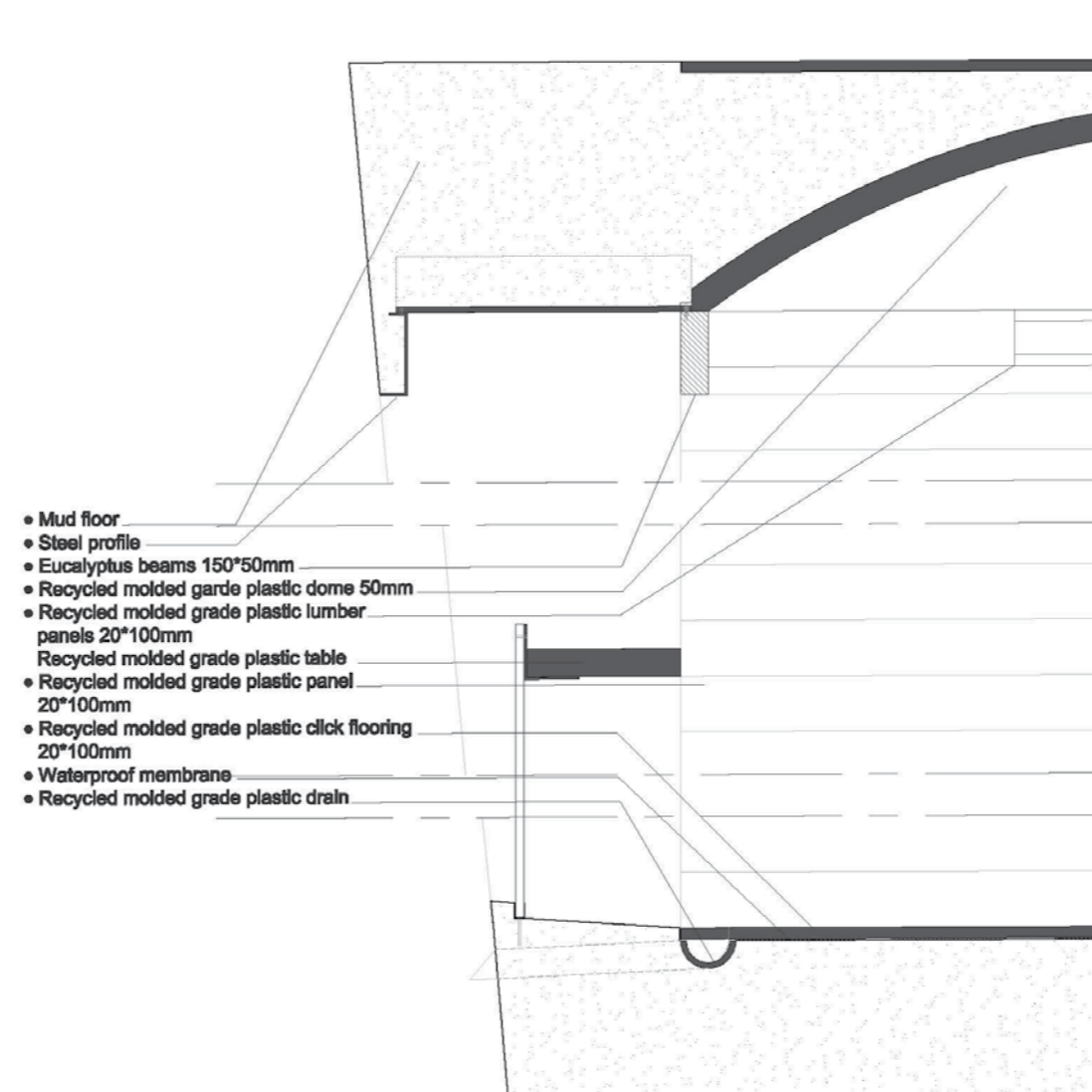
# NATURAL VENTILATION

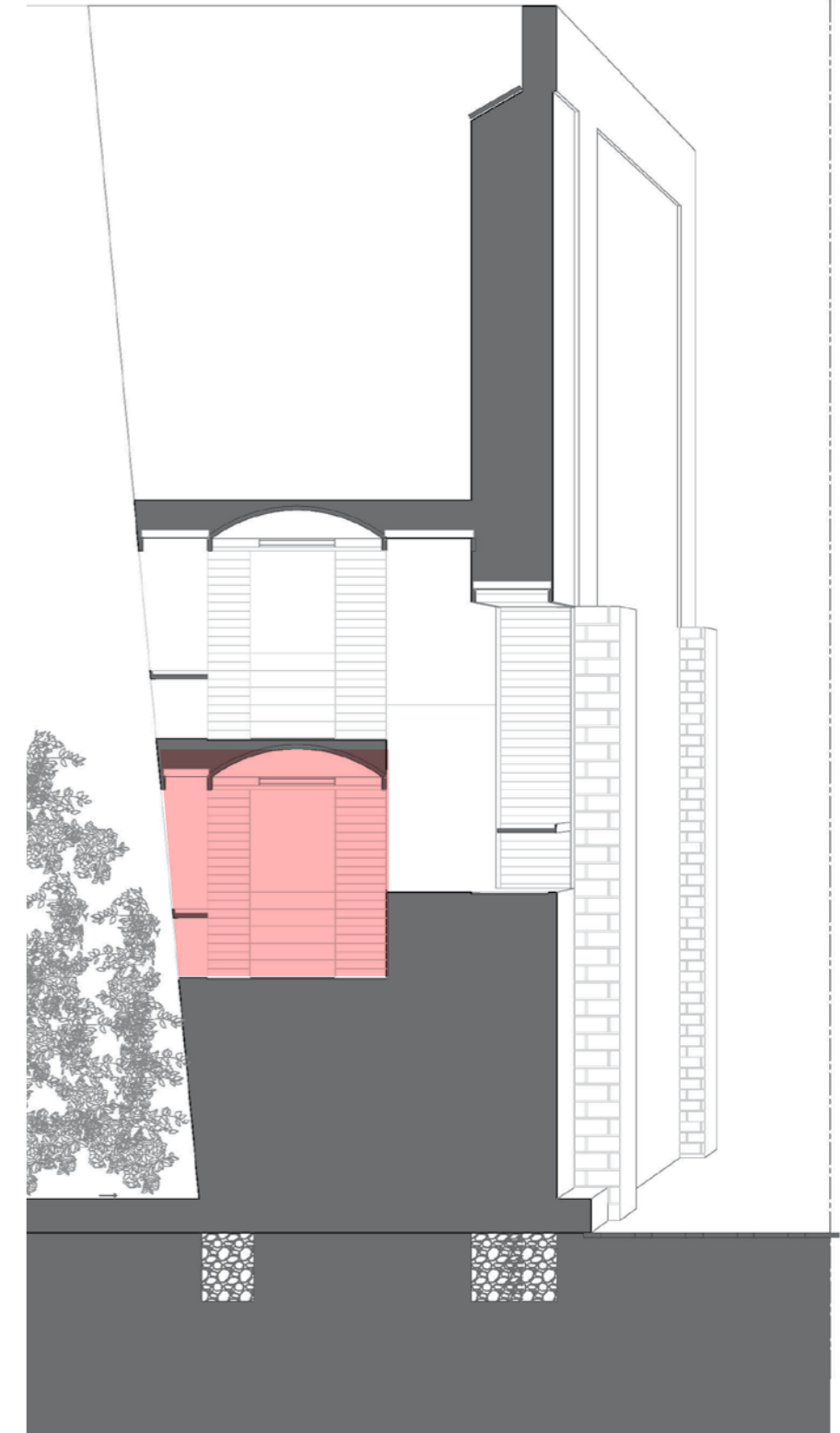
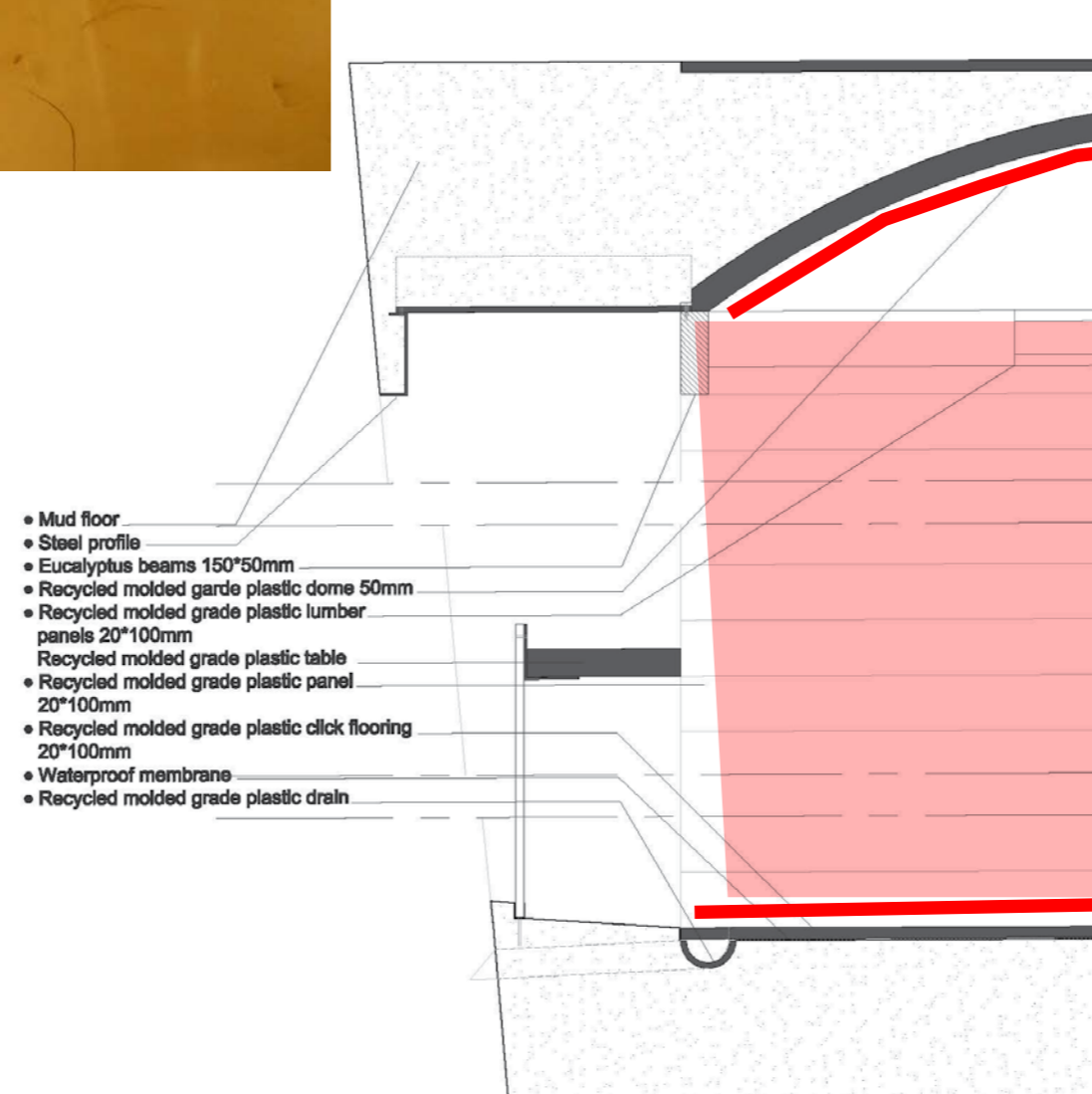








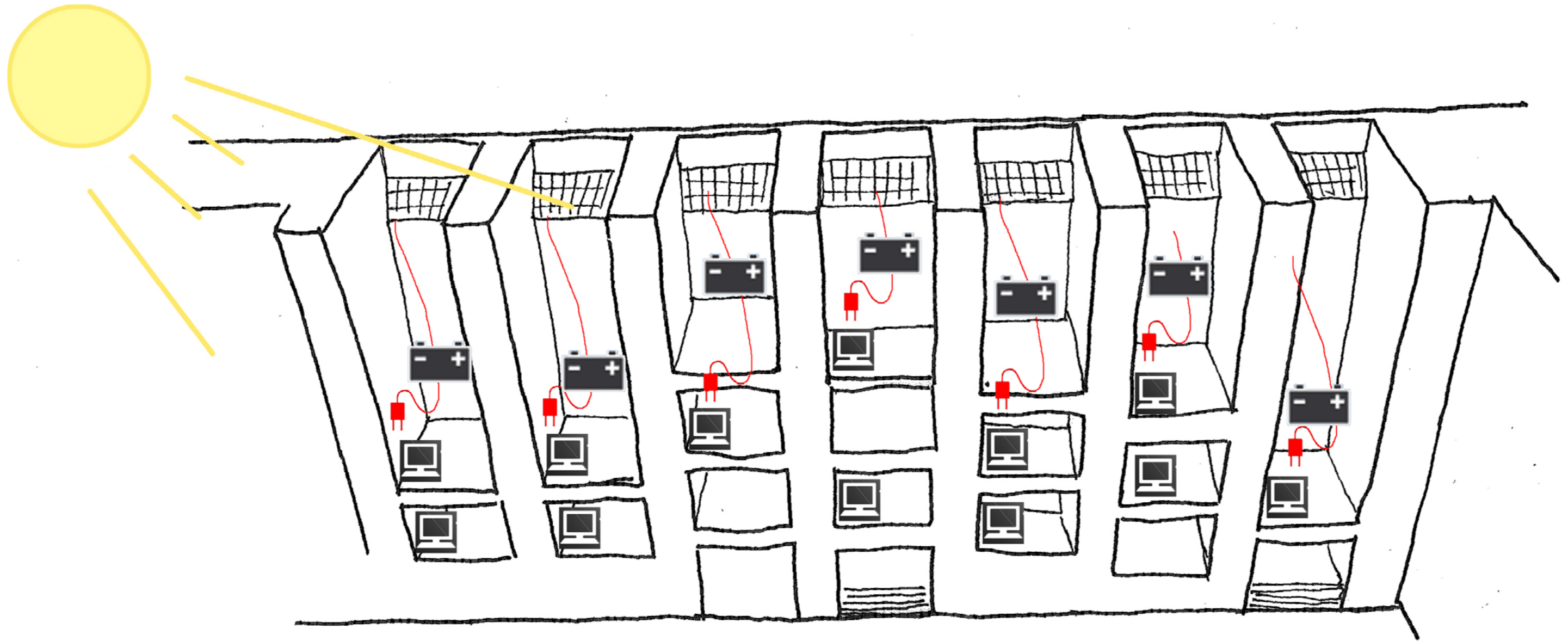


























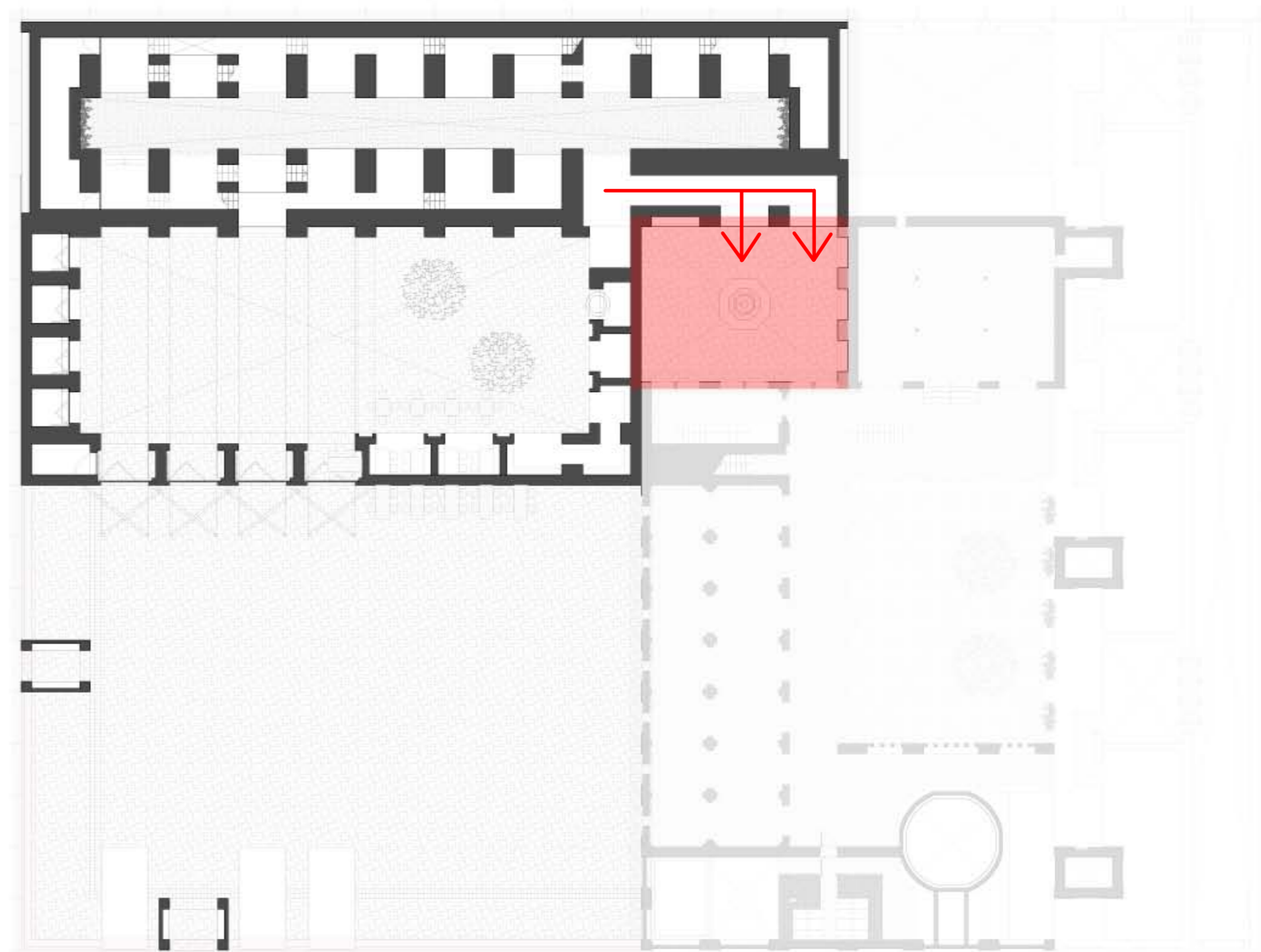
Section 1: gathering  
market  
cinema  
tearoom

Section 2: trade  
internet  
market  
tearoom

Section 3: networking  
internet  
market  
tearoom  
garden

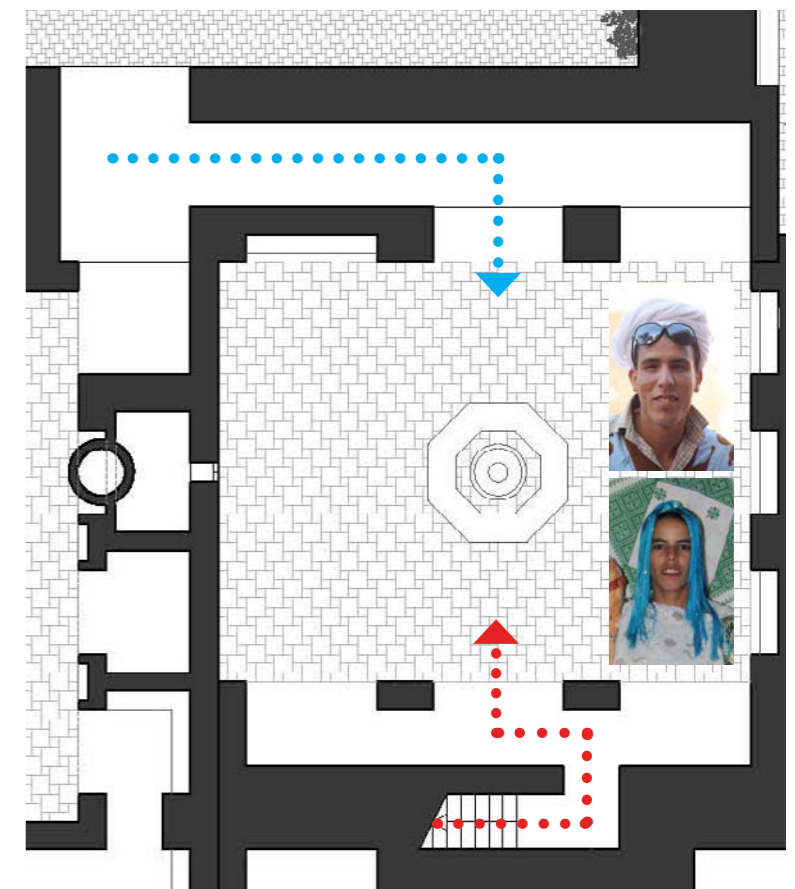
Section 4: knowledge  
internet  
study

**Section 5: hidden meeting place**  
water and plants





# HIDDEN MEETING PLACE





WOMEN CENTER

MEET

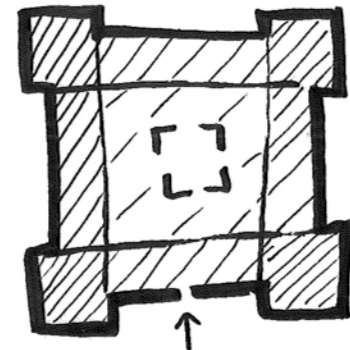


DEVELOP

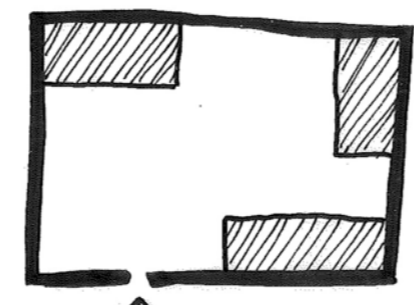


MANAGE

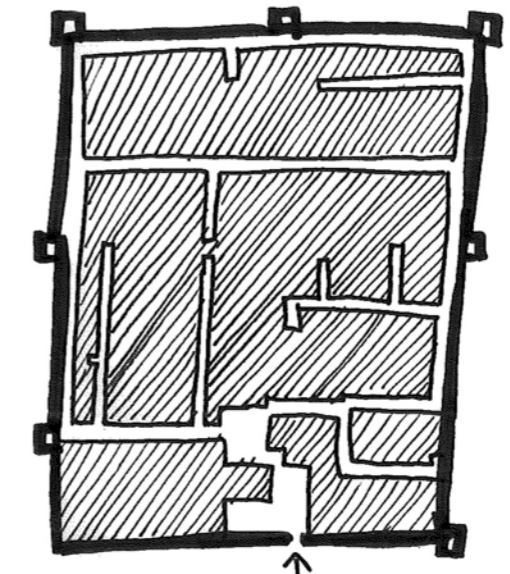




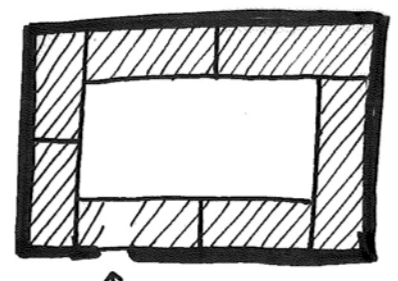
TIGHREMT  
CLOSE TO KSARHOUSE



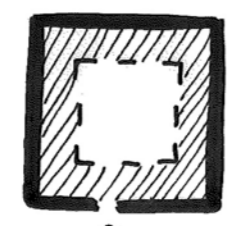
NOMAD HOUSE



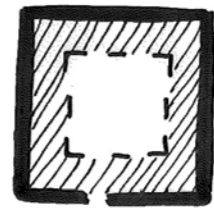
KSOUR



COMBINATION



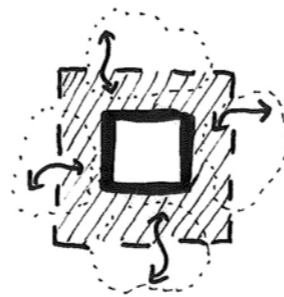
RIAD



↑  
RIAD

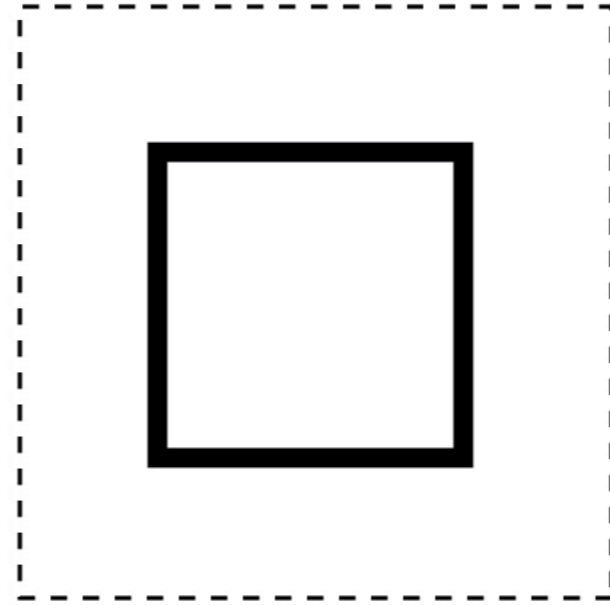


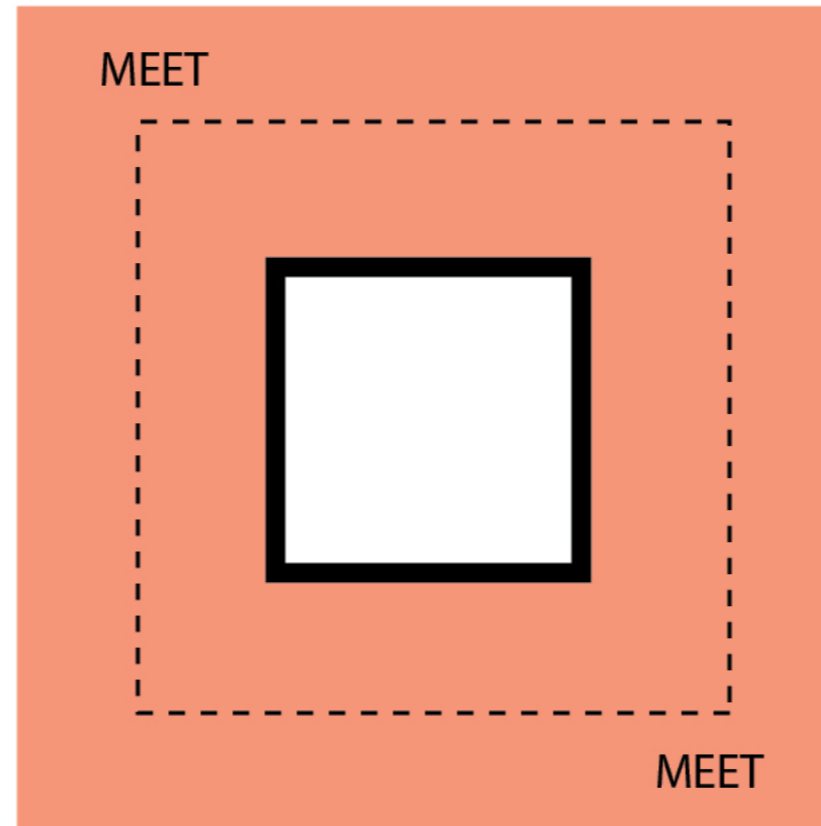
↑  
PROTECTING WALLS  
COLLECTIVE COURTYARD  
AS MEETING PLACE



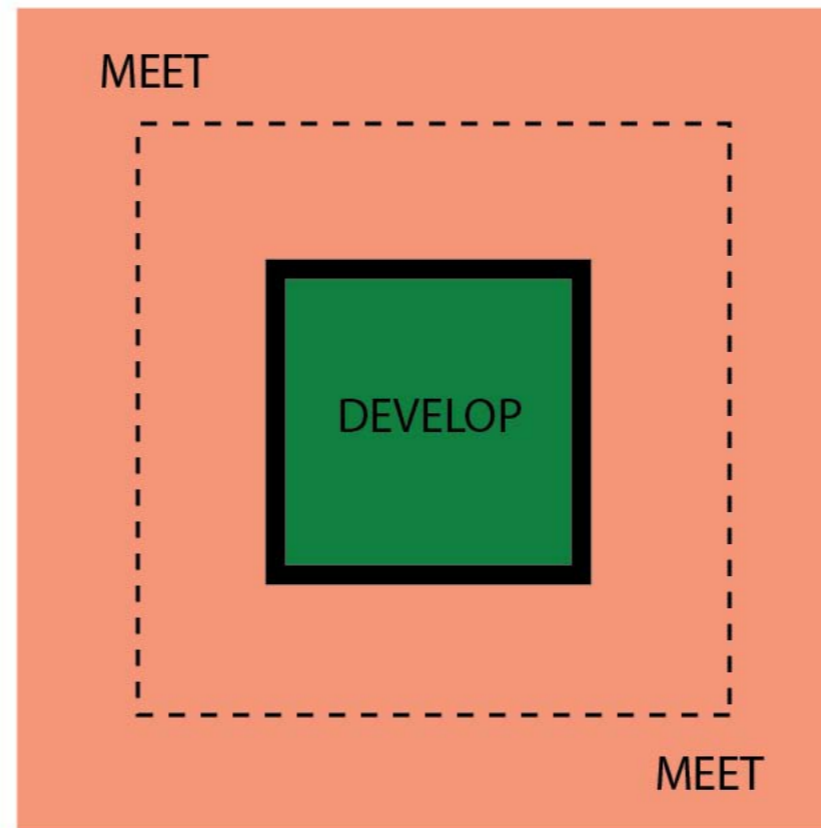
INVERSE  
RIAD  
MEETING PLACE OUTSIDE  
PROTECTED INSIDE

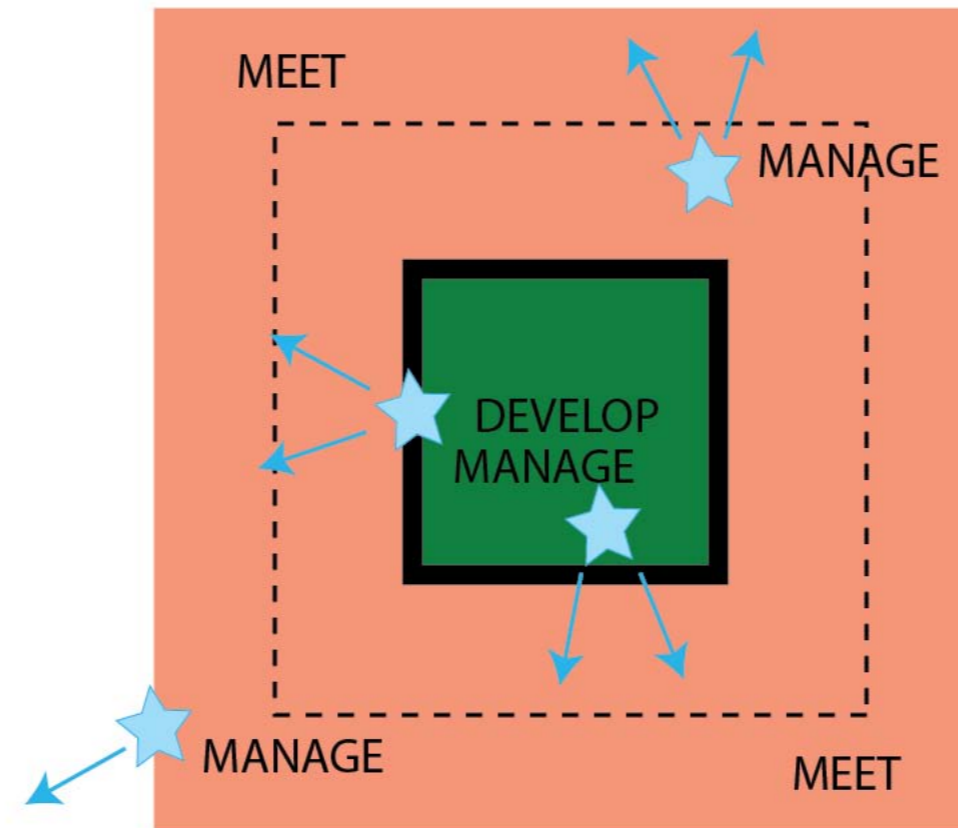




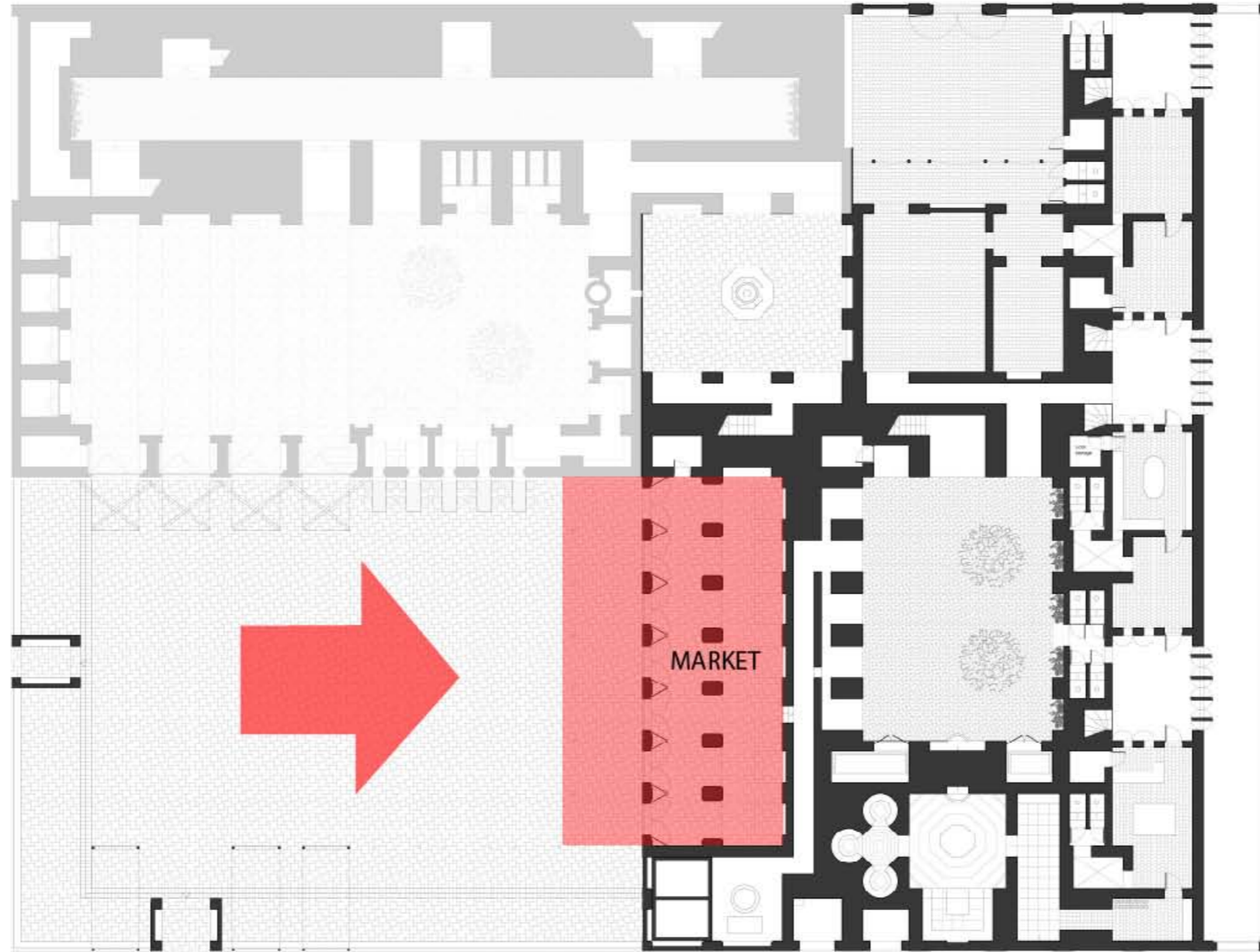




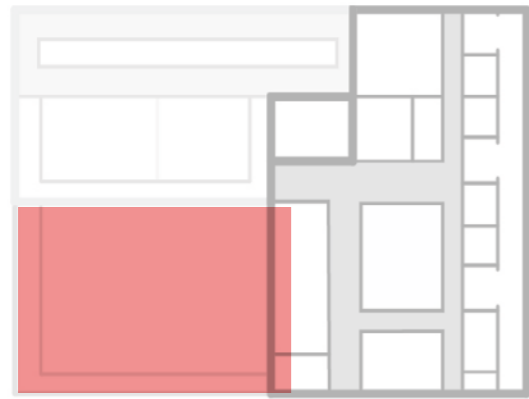






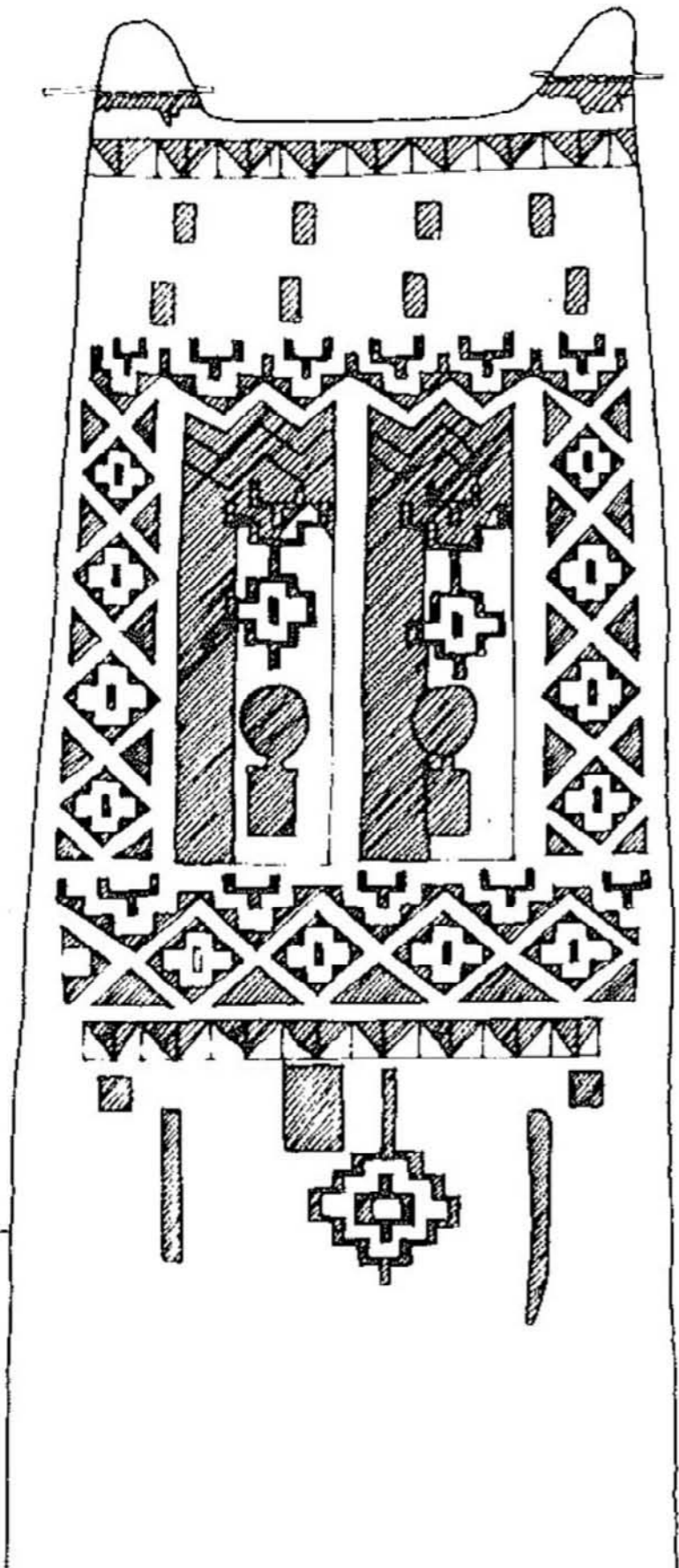


MEET

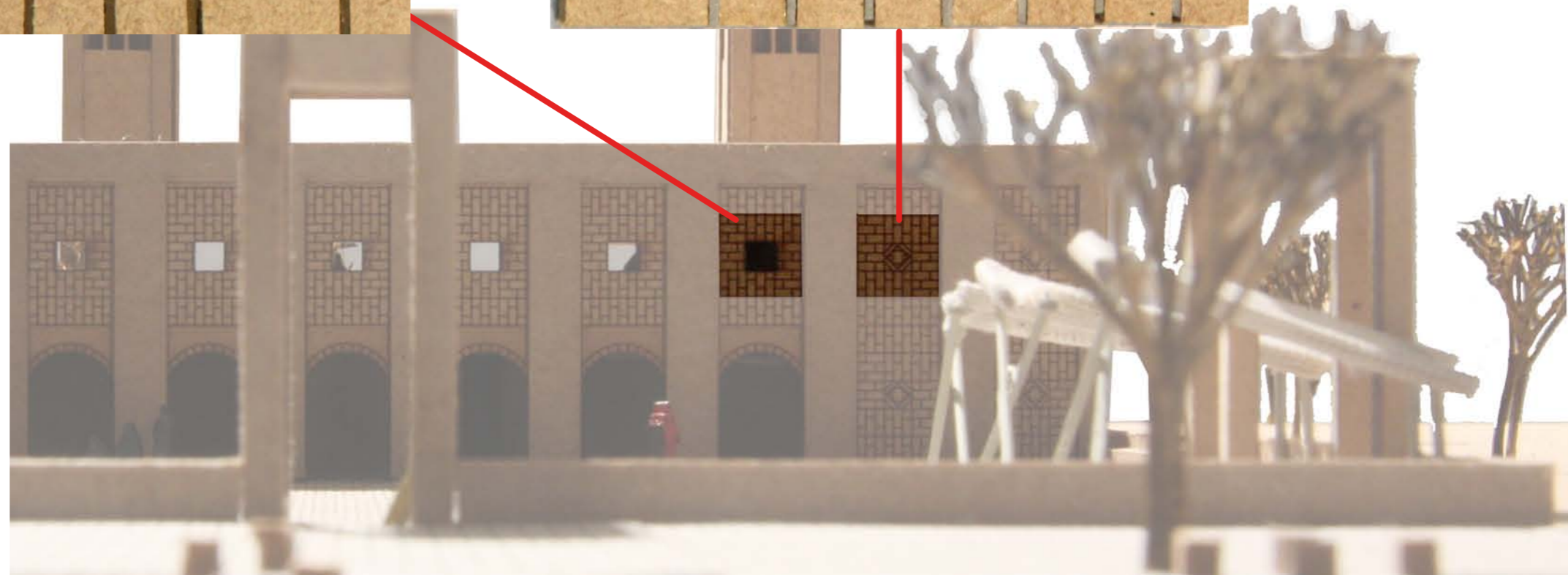
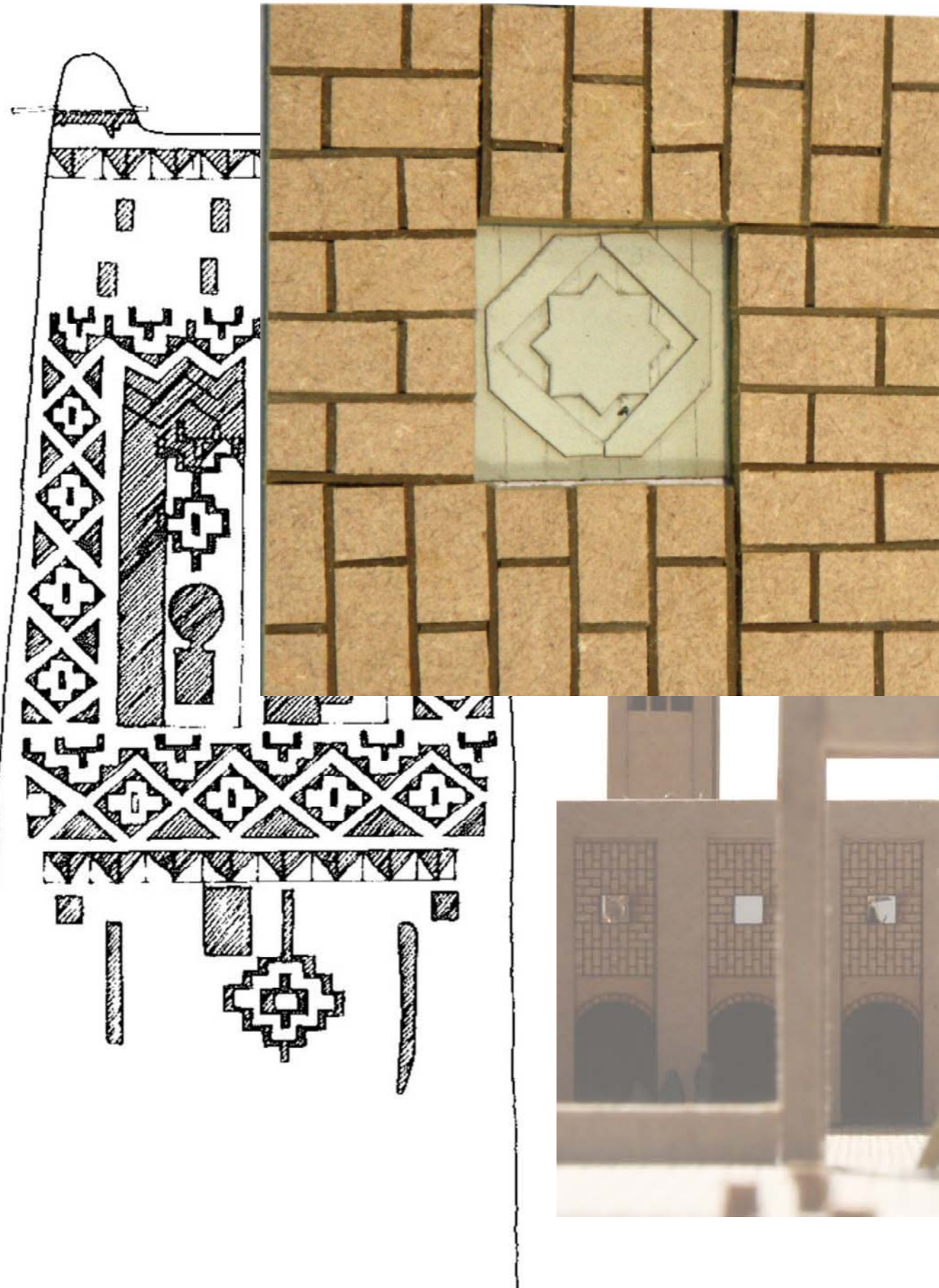




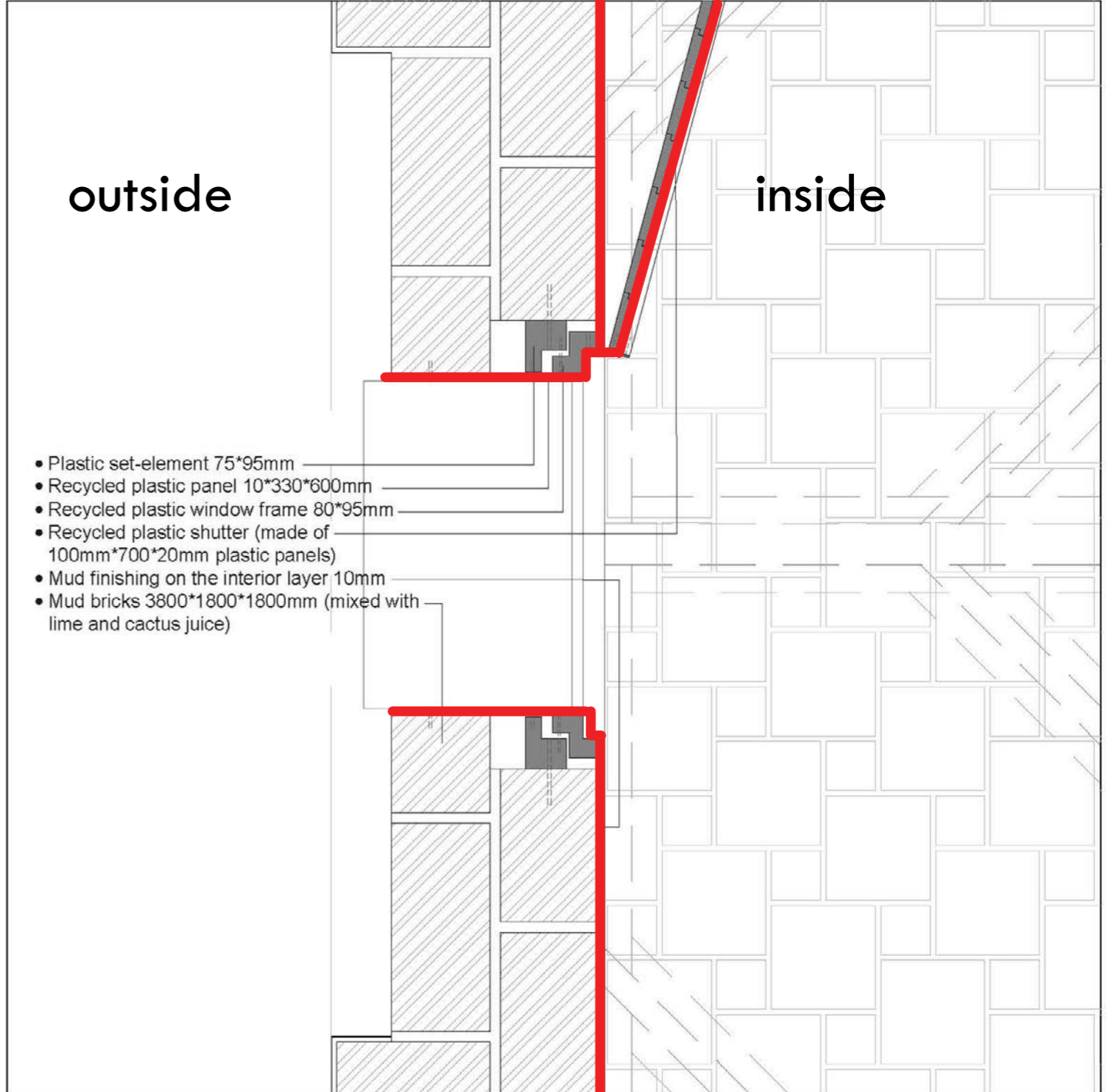








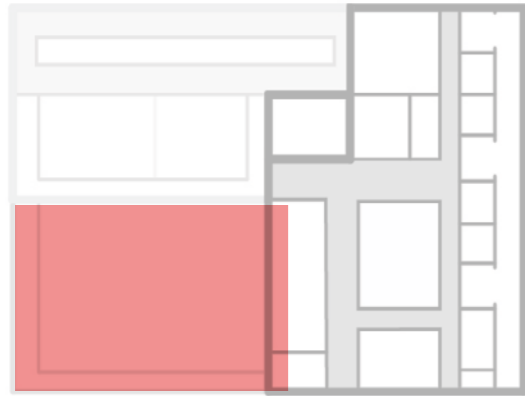


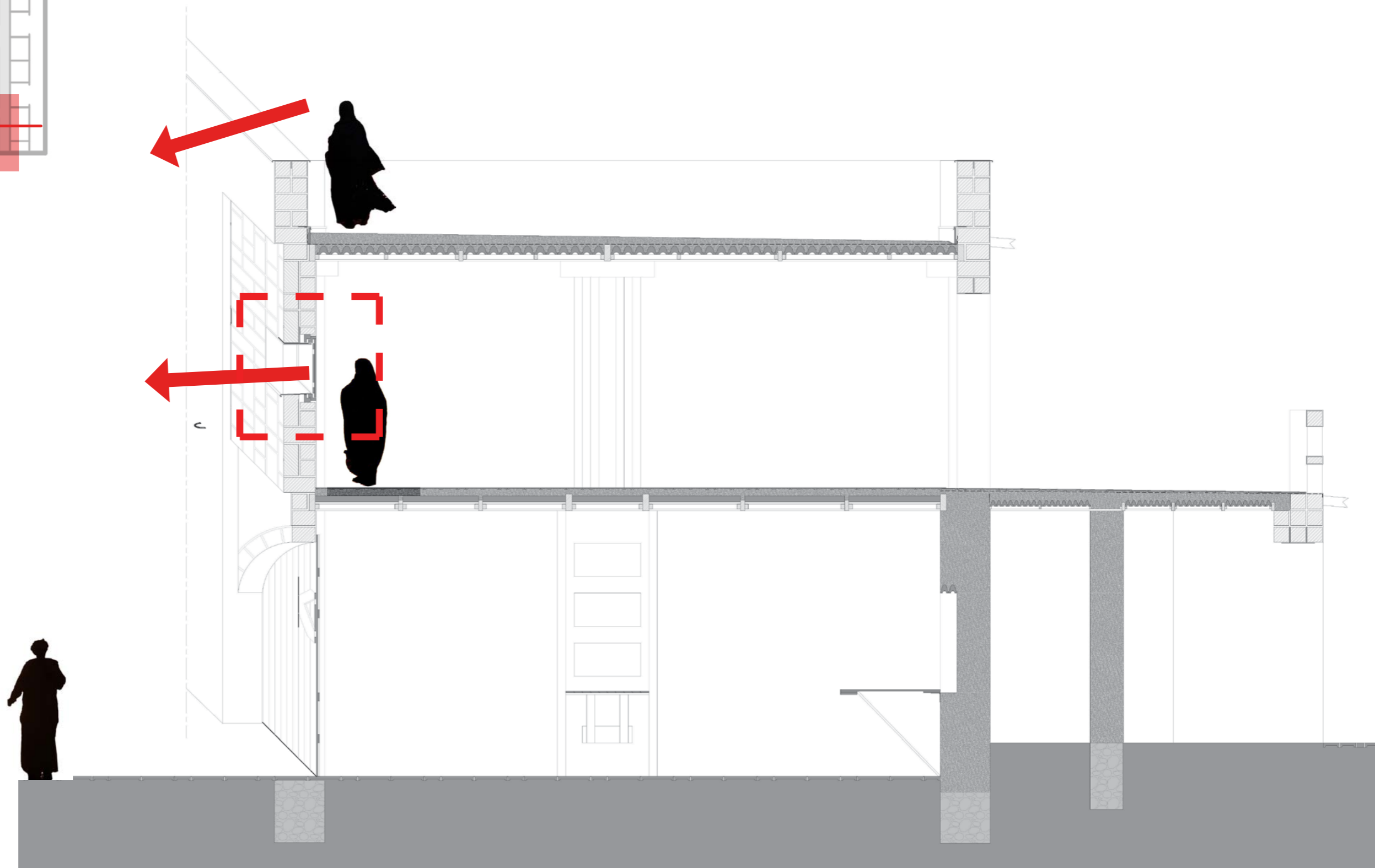


**HORIZONTAL // OPEN**

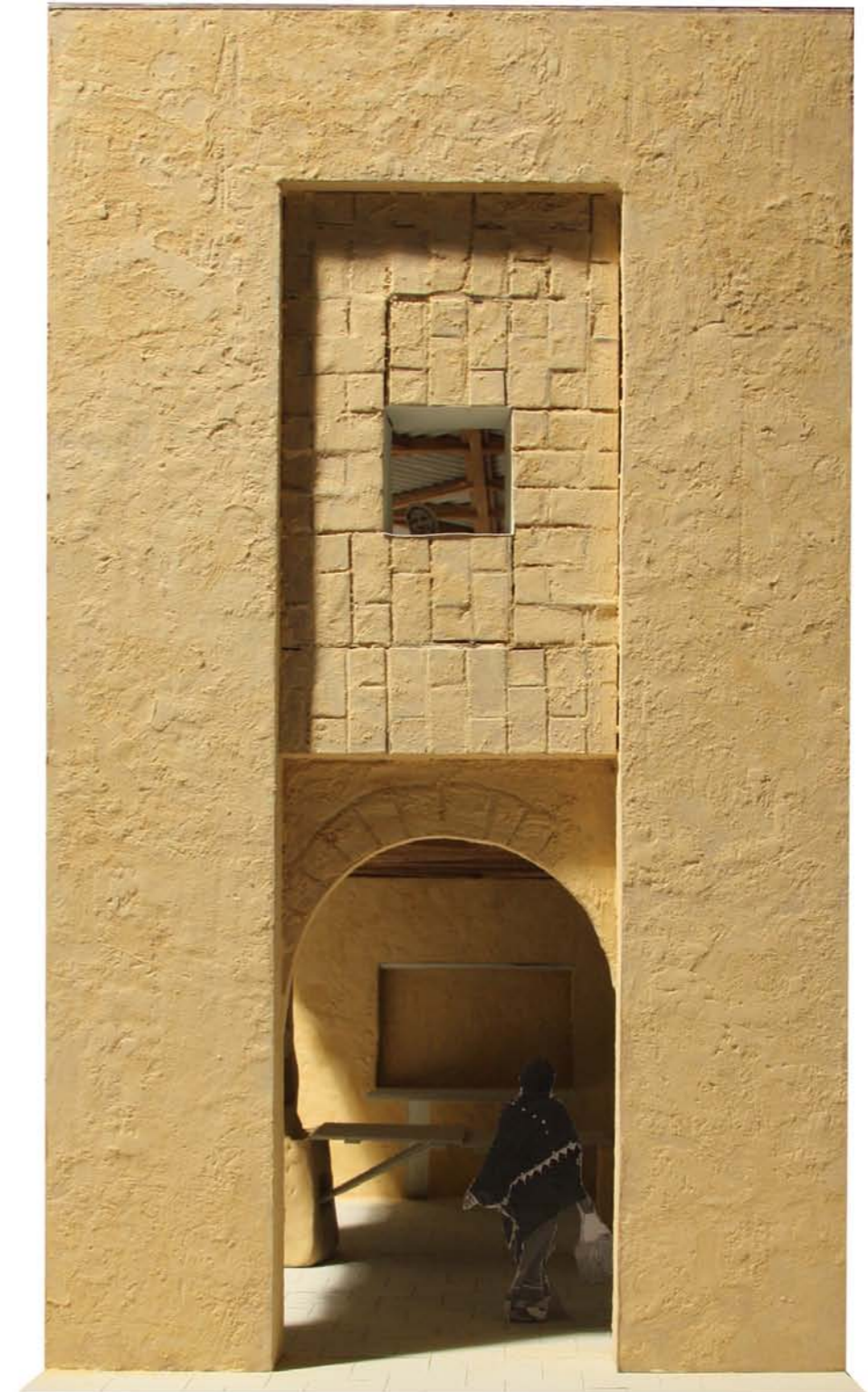


# ORNAMENT

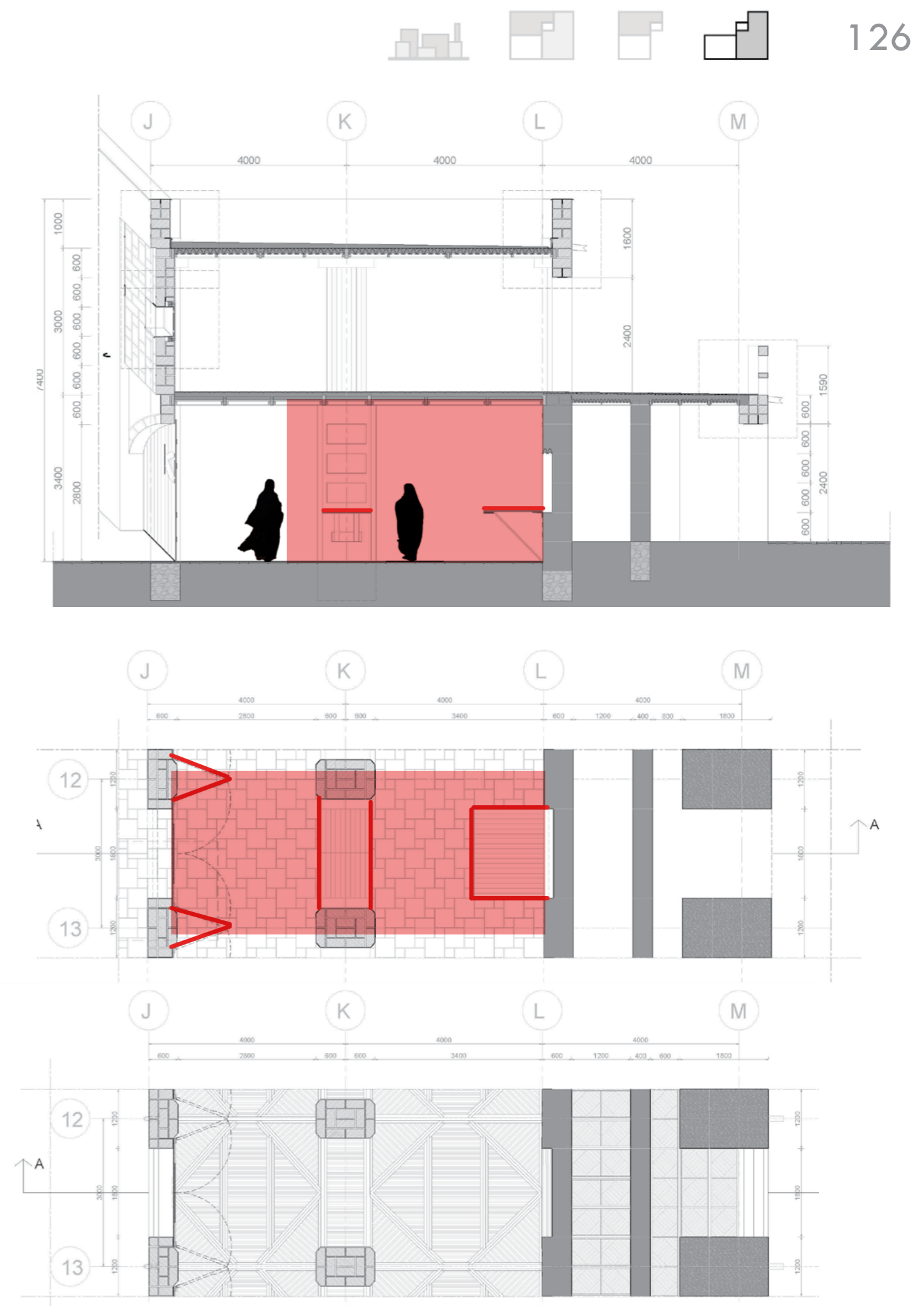








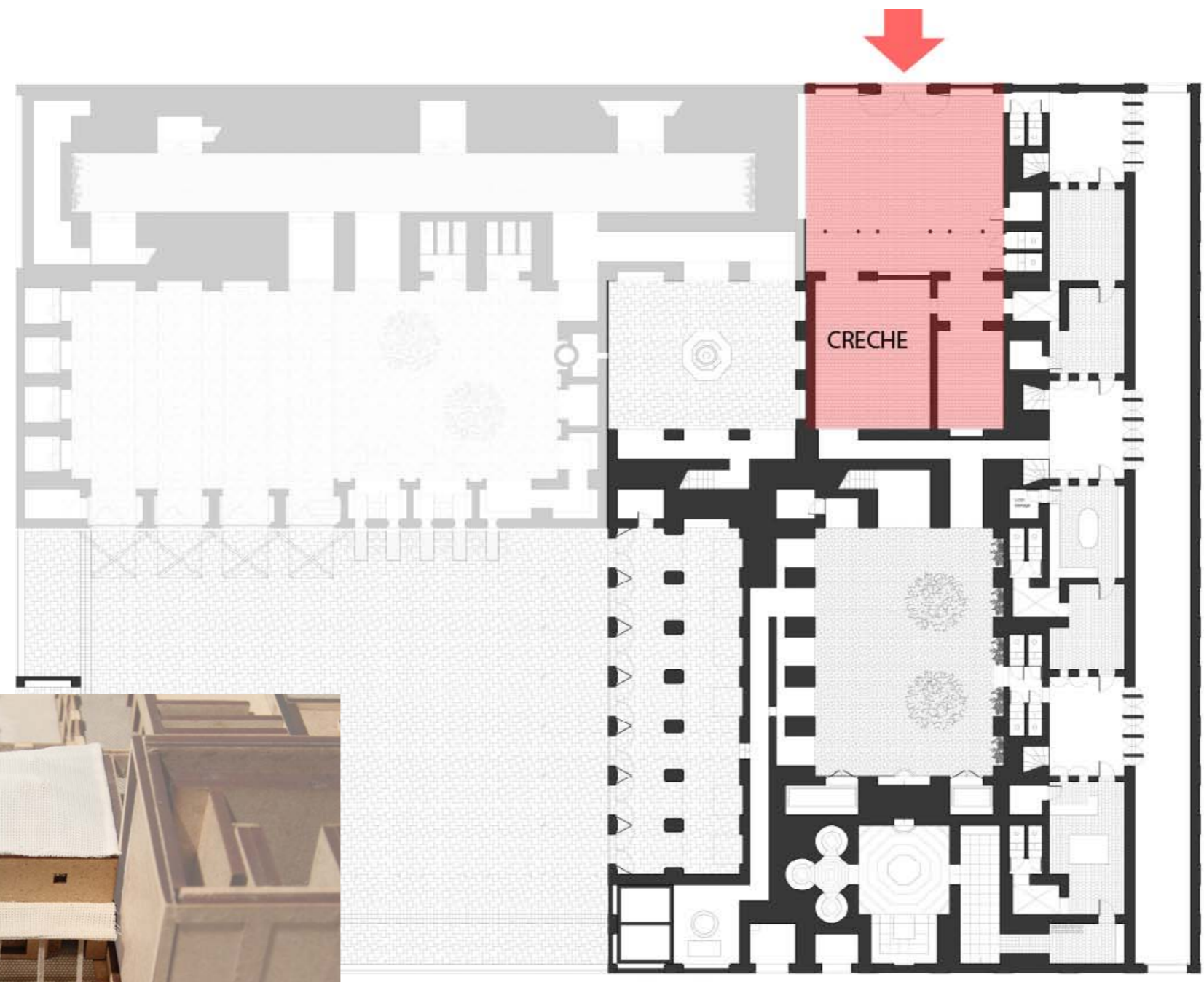








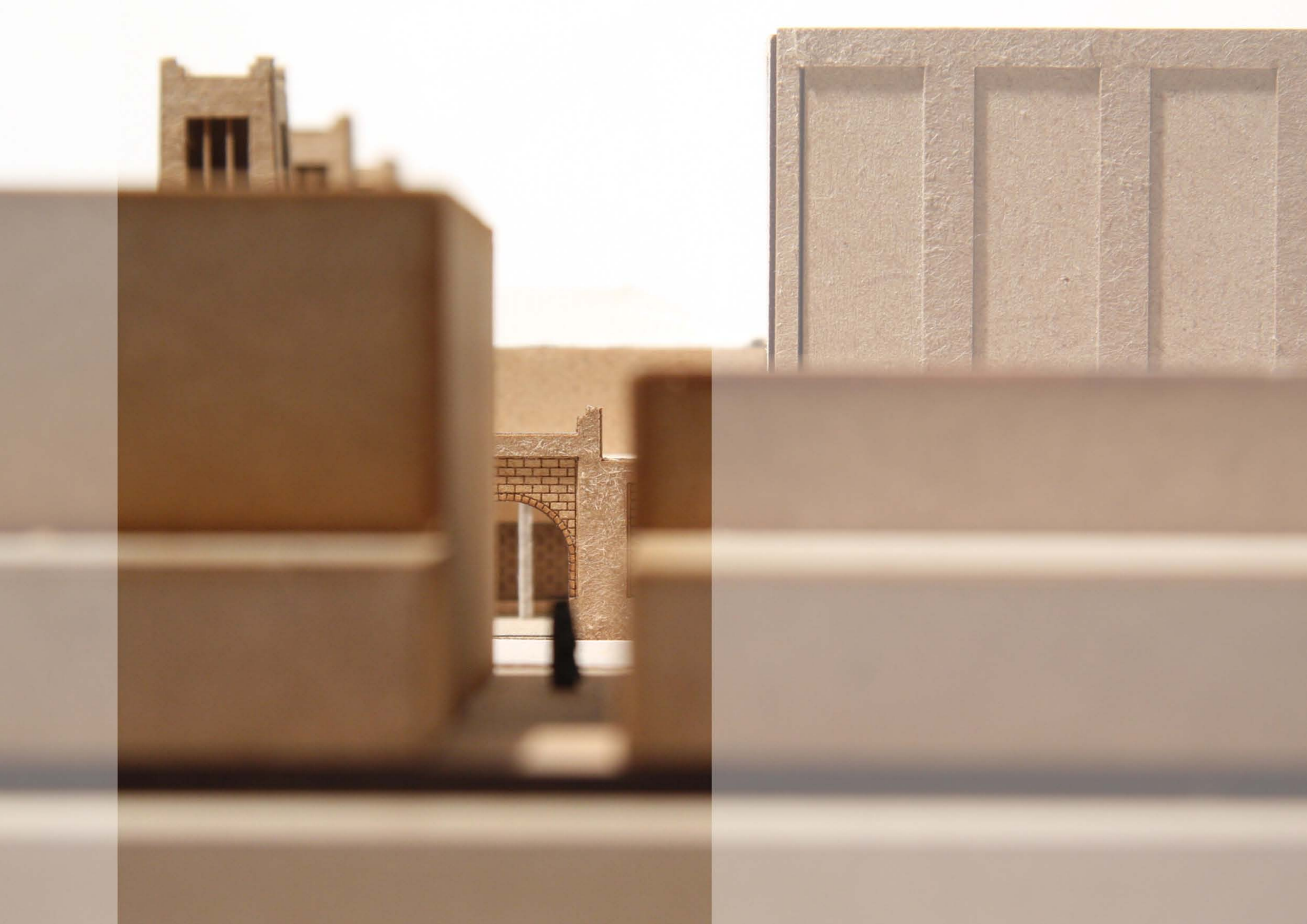




MEET



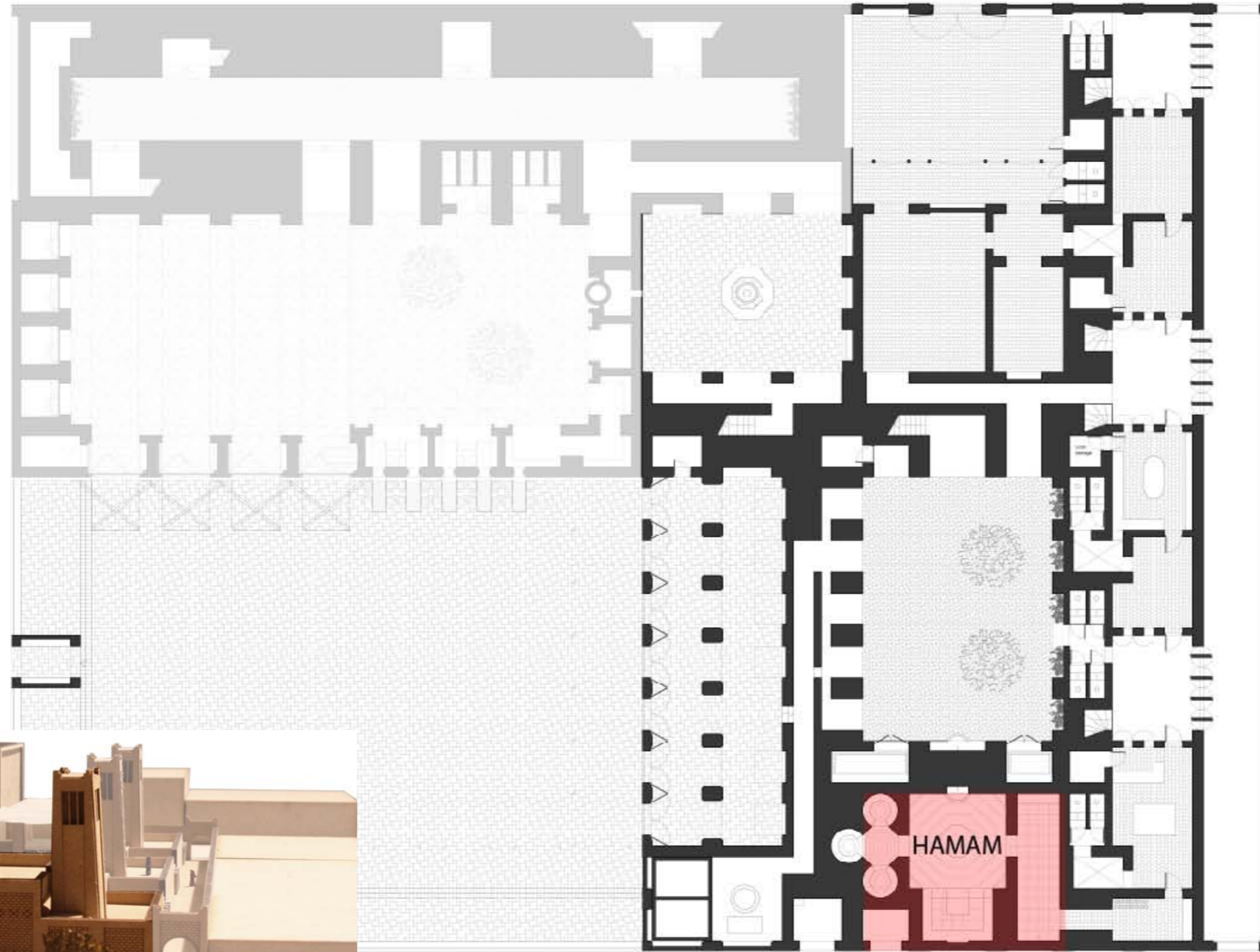






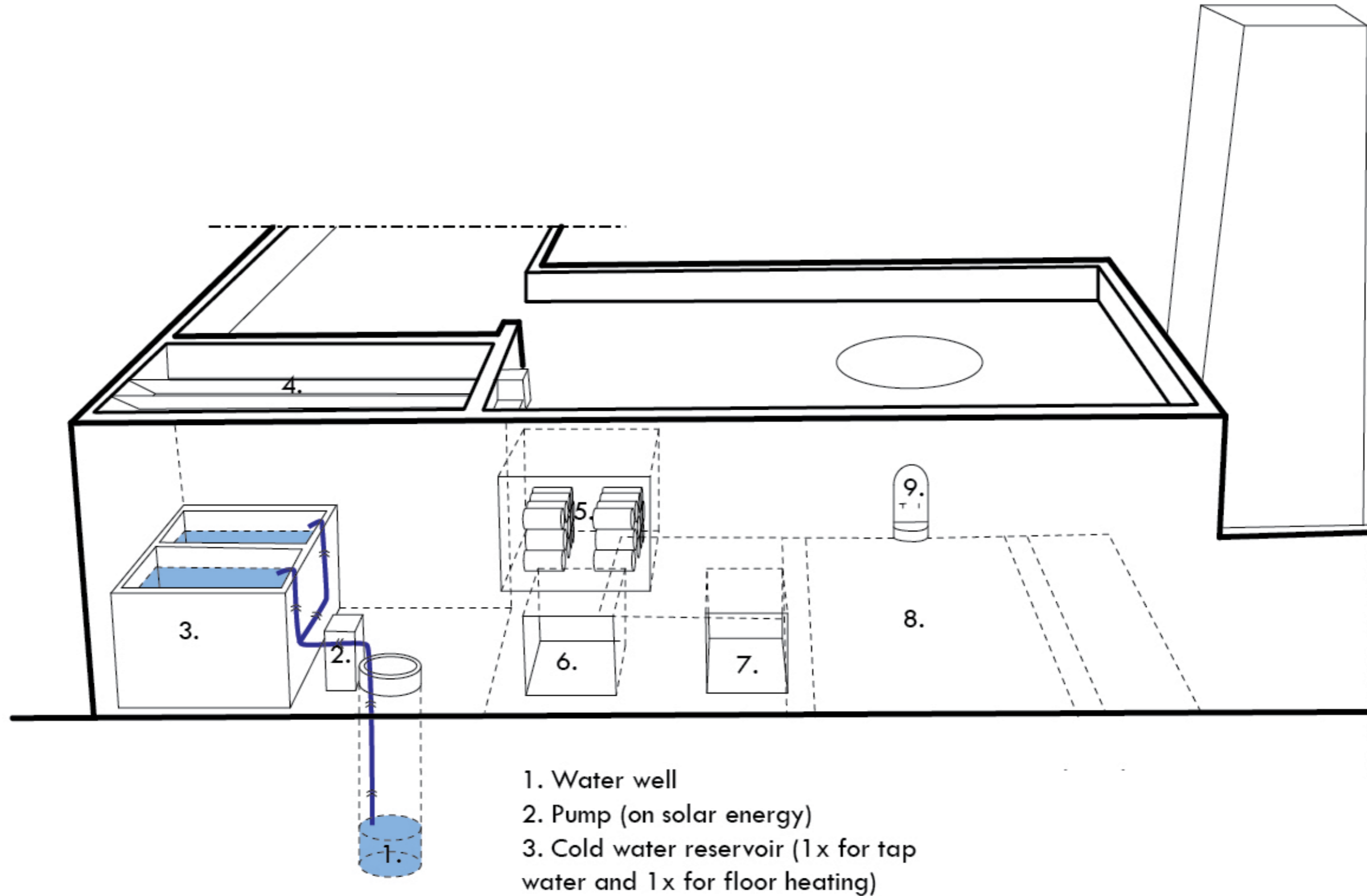




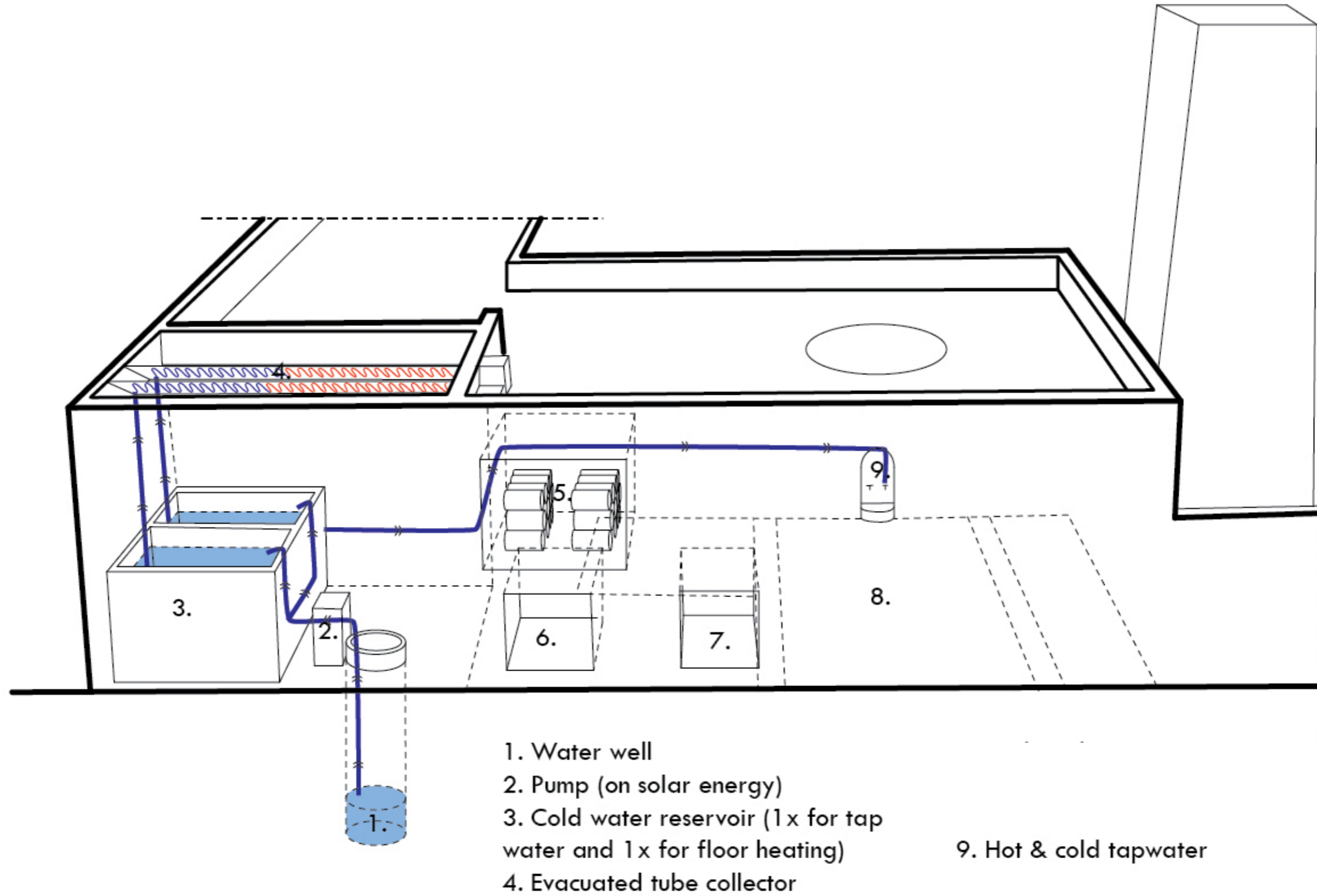


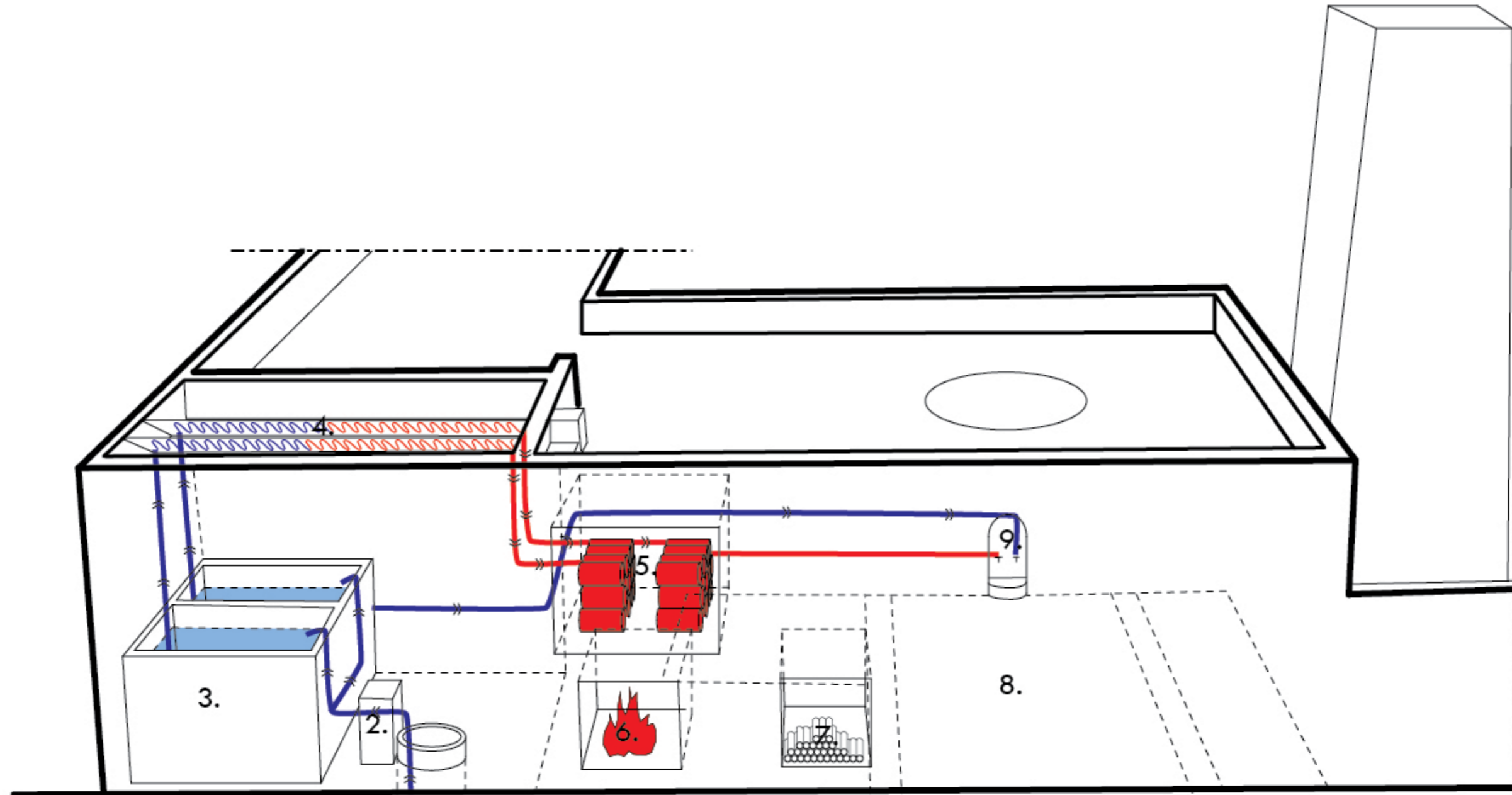
MEET







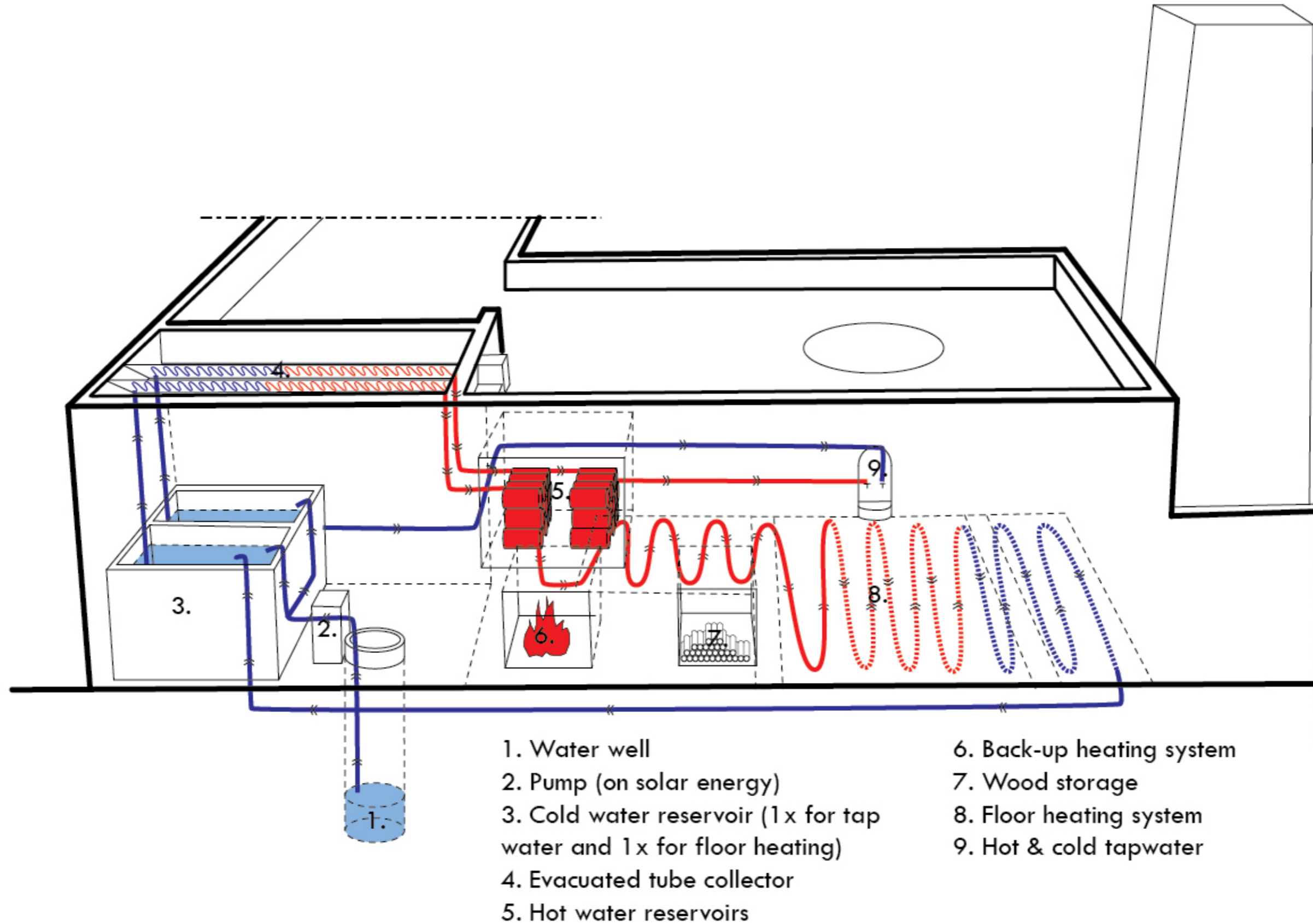


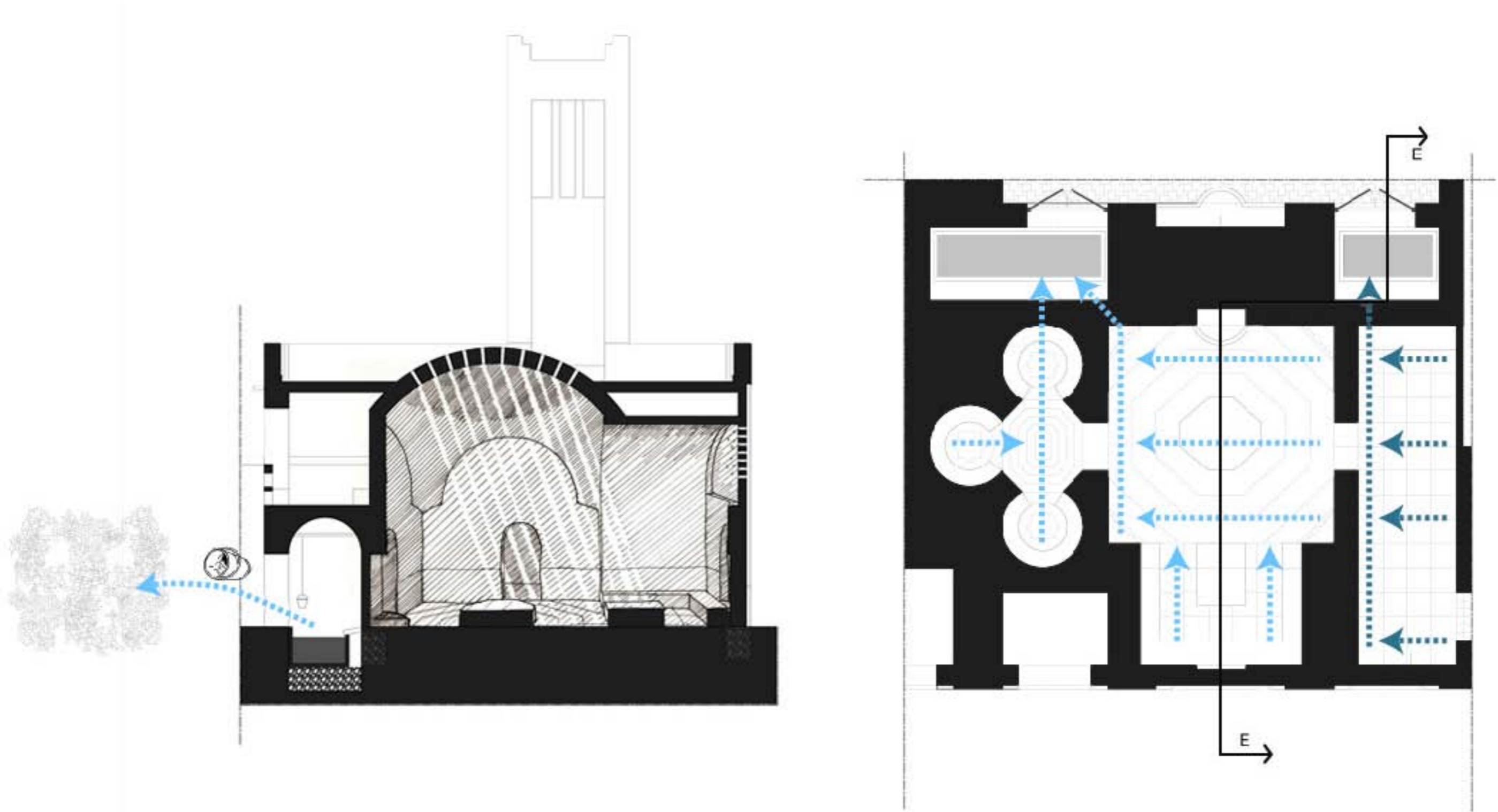


- 1. Water well
- 2. Pump (on solar energy)
- 3. Cold water reservoir (1 x for tap water and 1 x for floor heating)
- 4. Evacuated tube collector
- 5. Hot water reservoirs

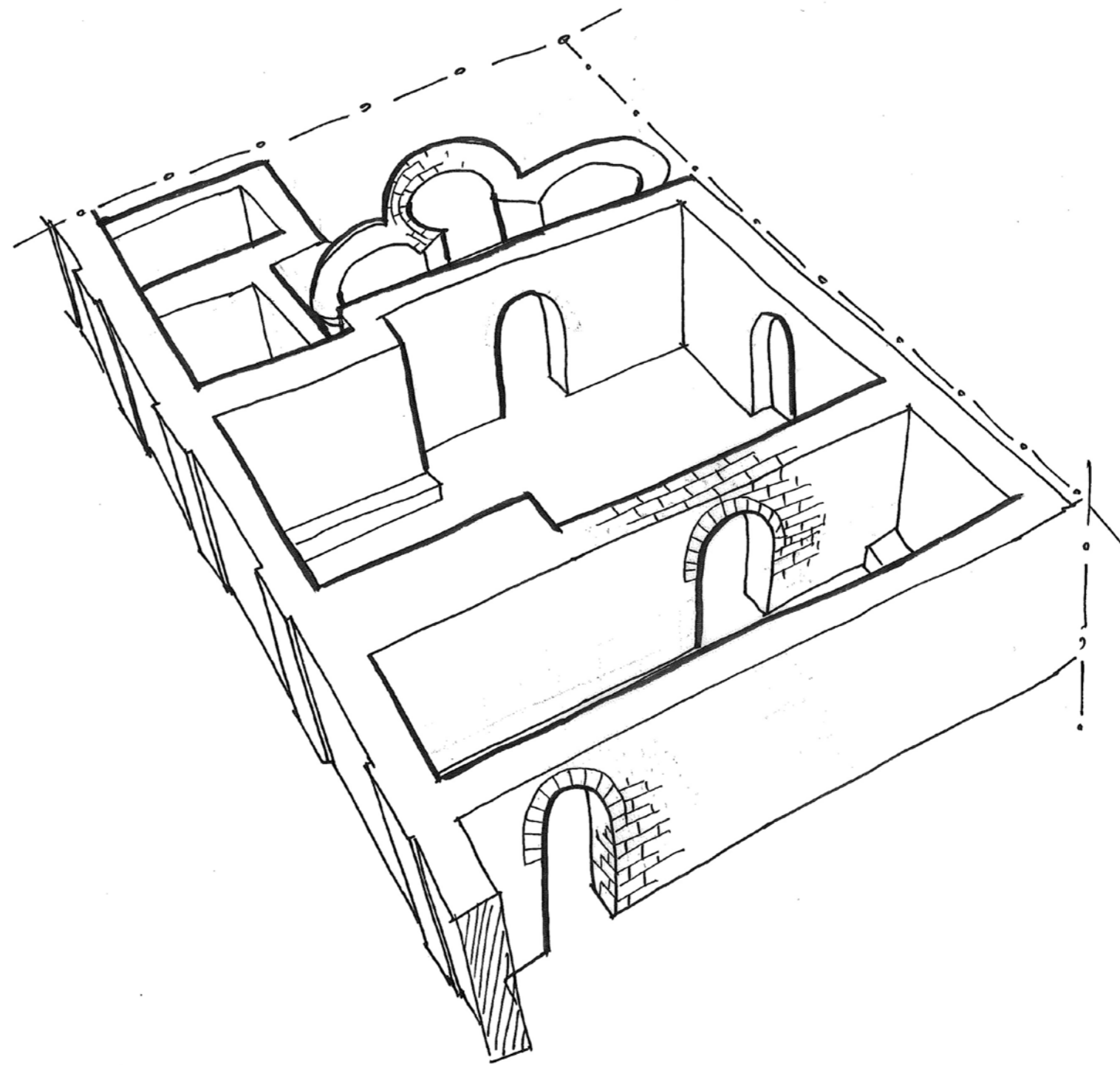
- 6. Back-up heating system
- 7. Wood storage
- 9. Hot & cold tapwater

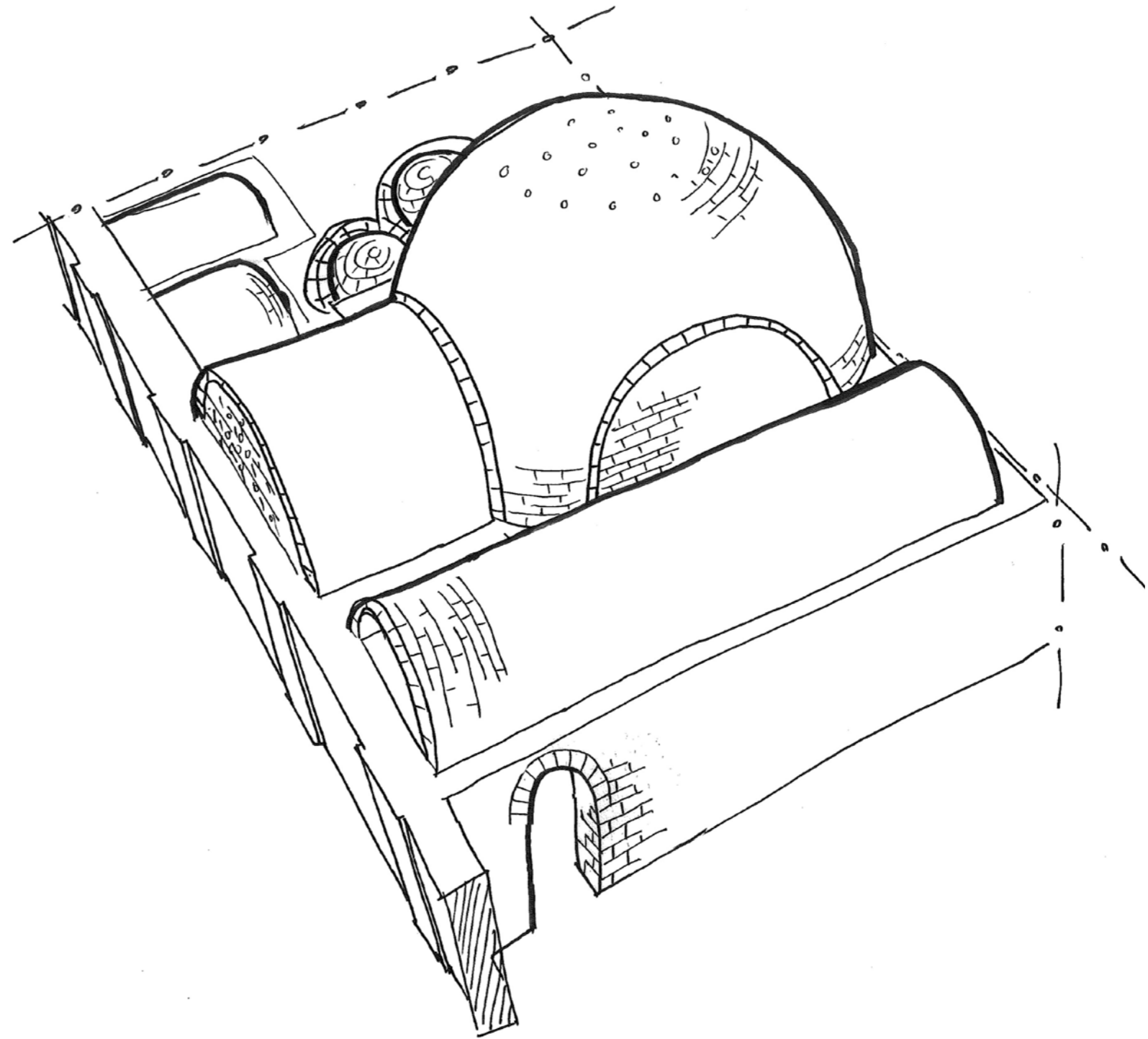






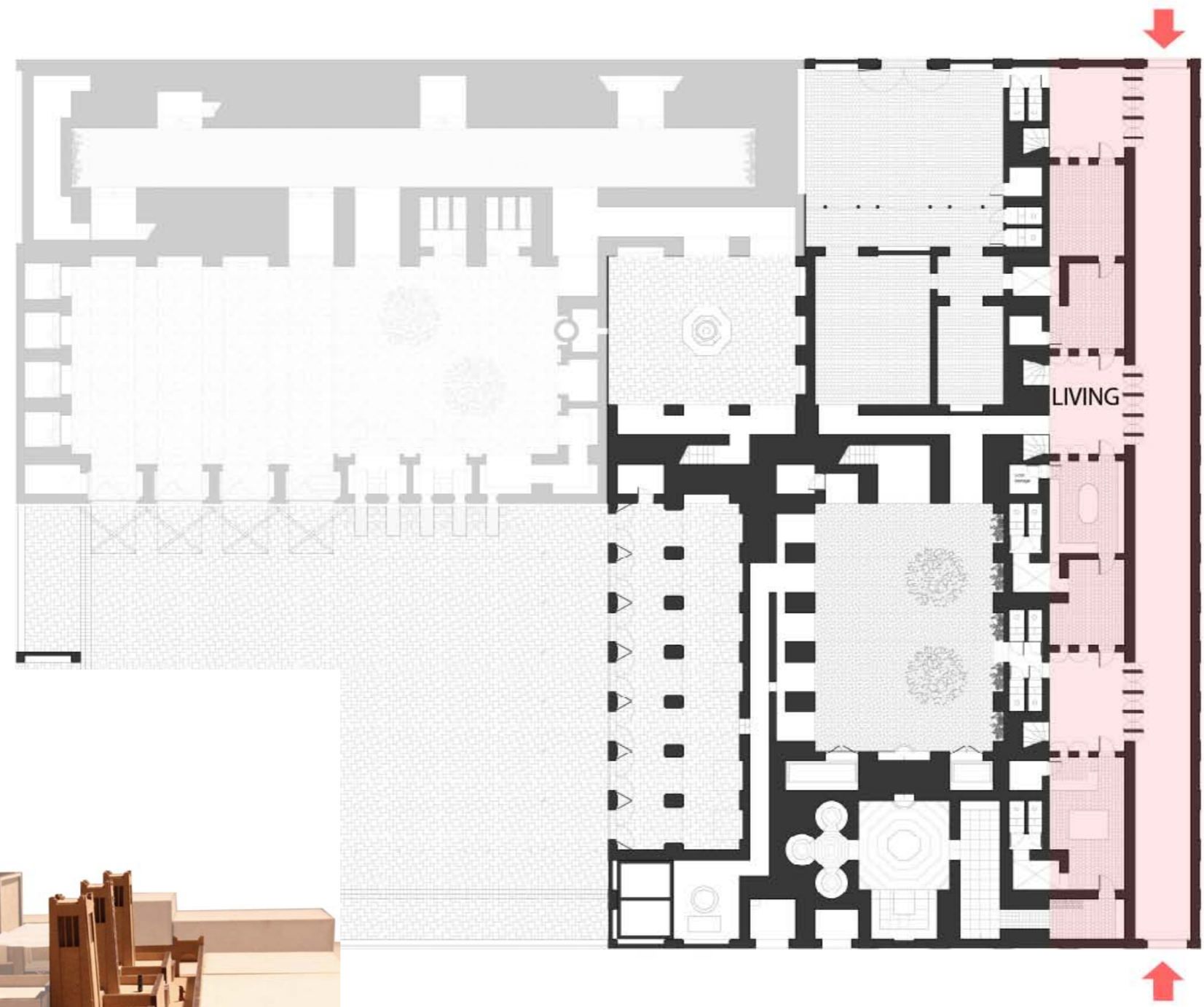










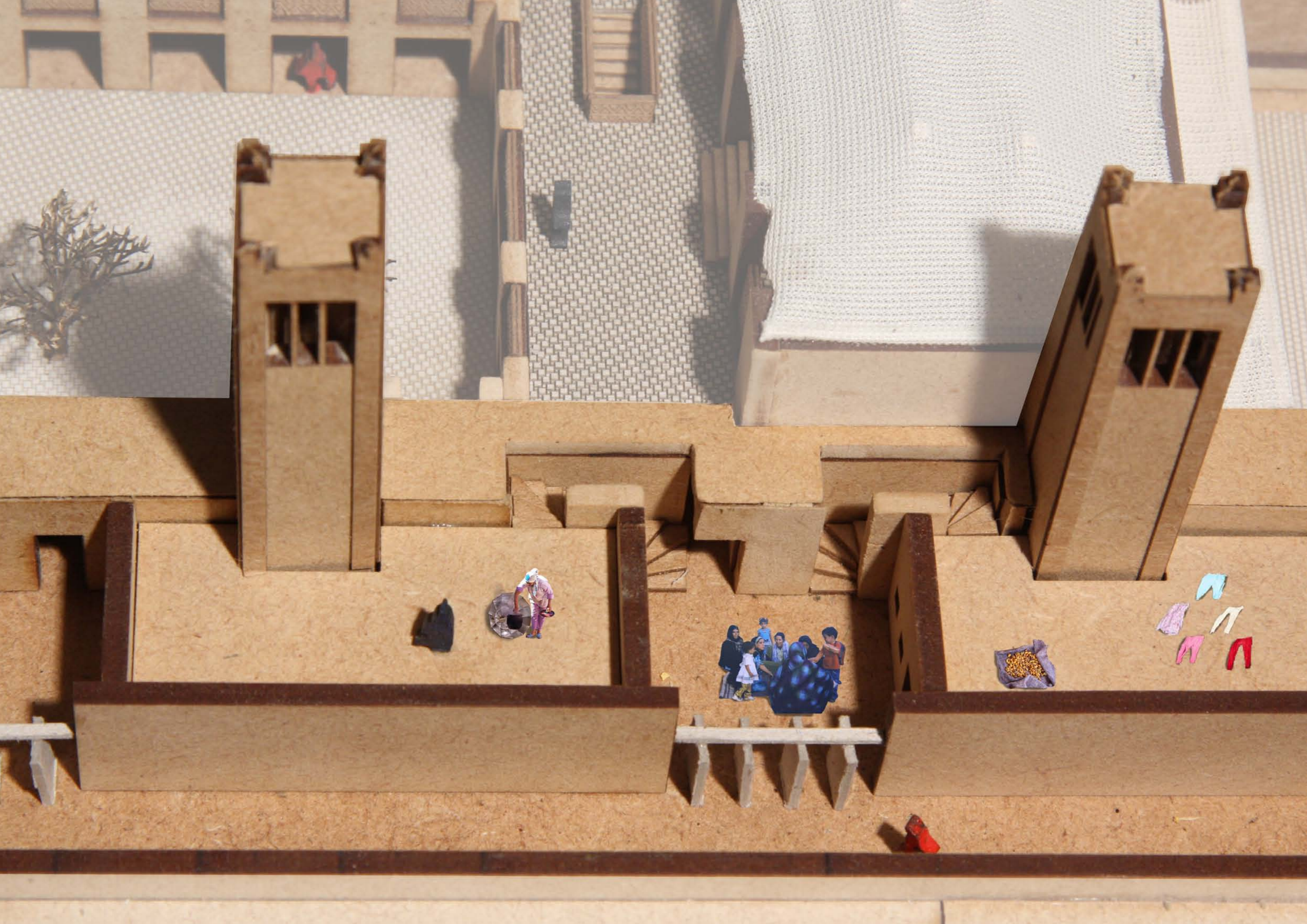


MEET

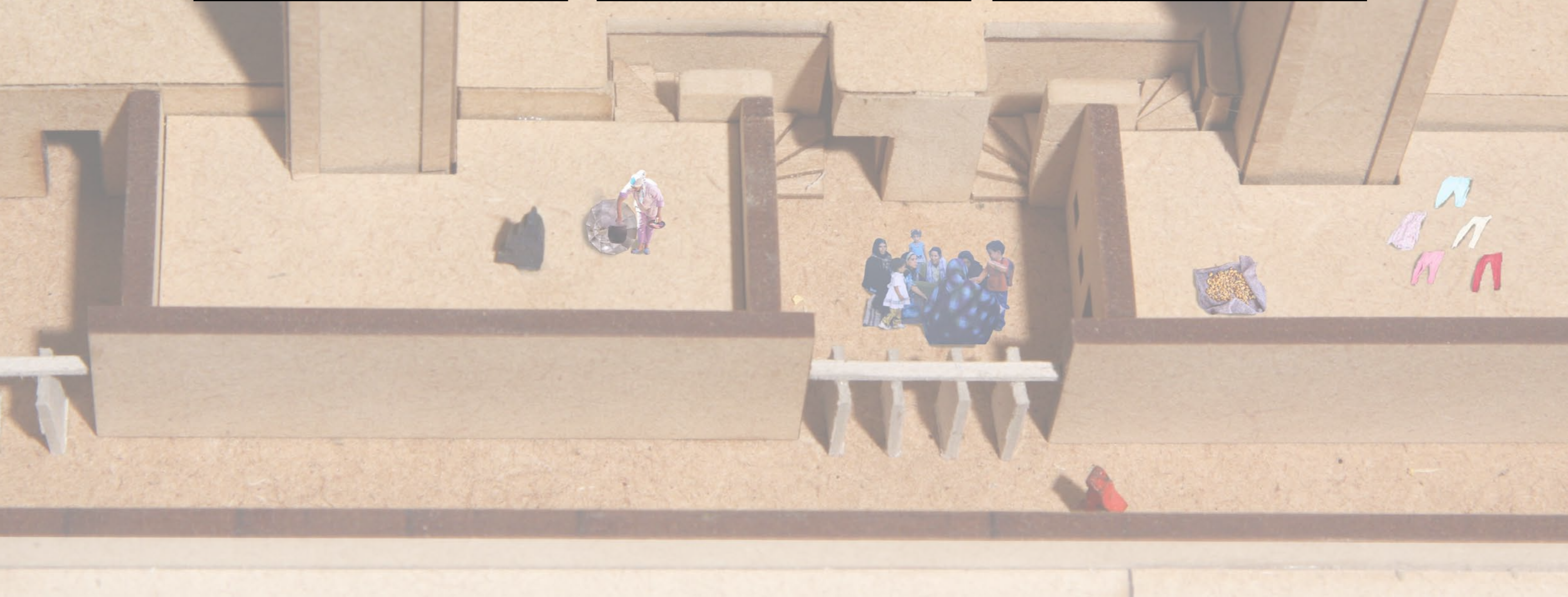
LIVING



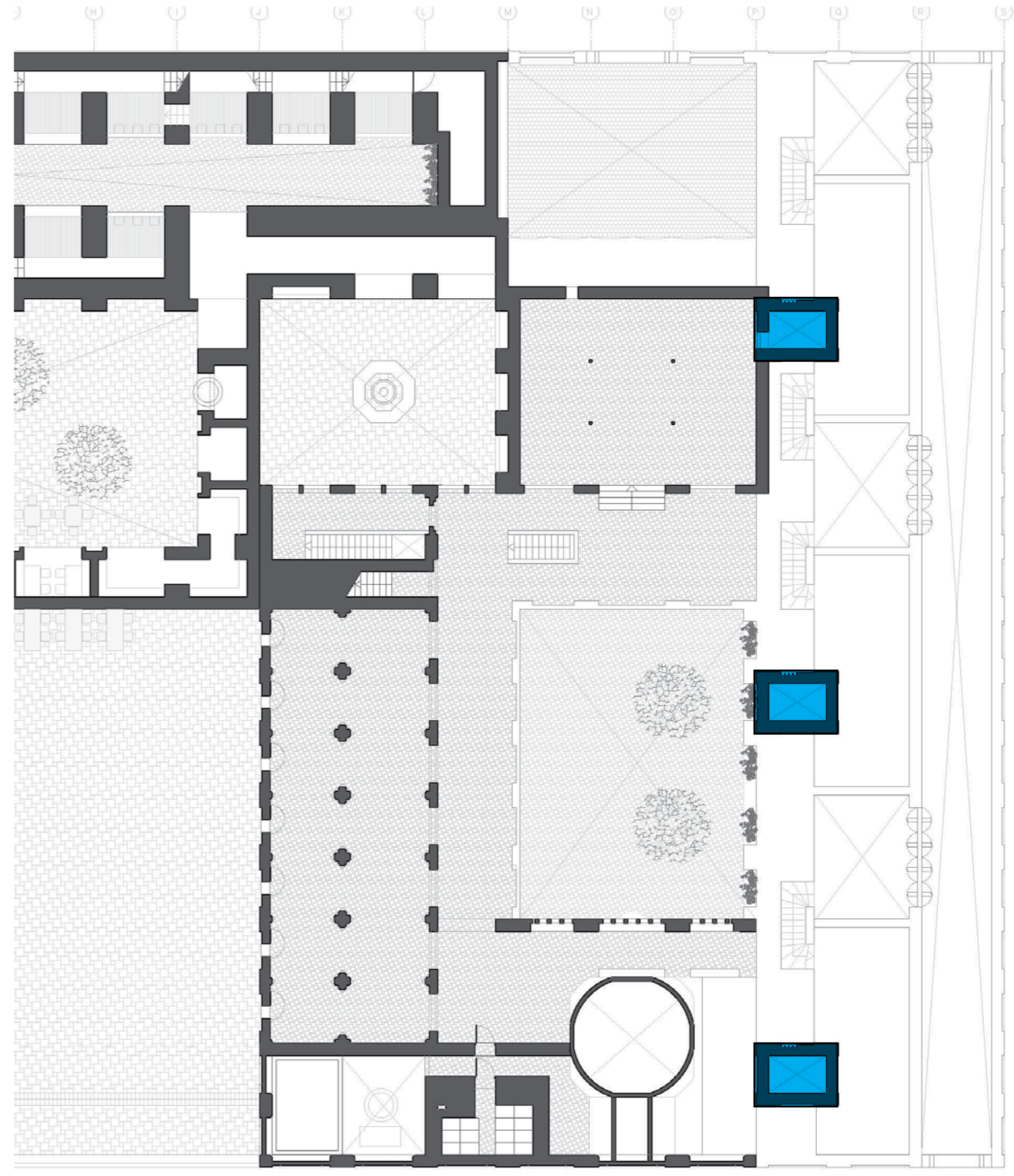
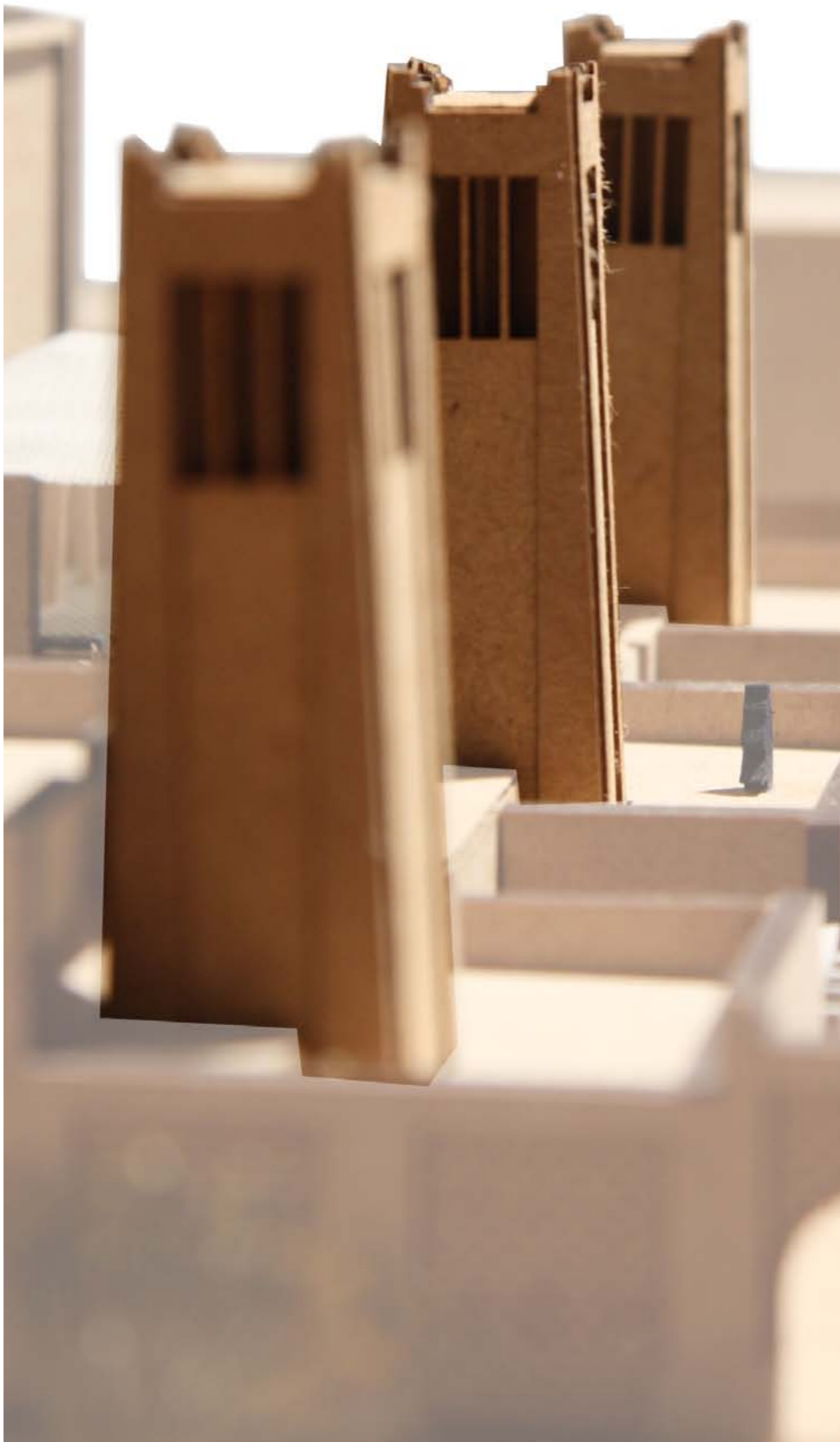


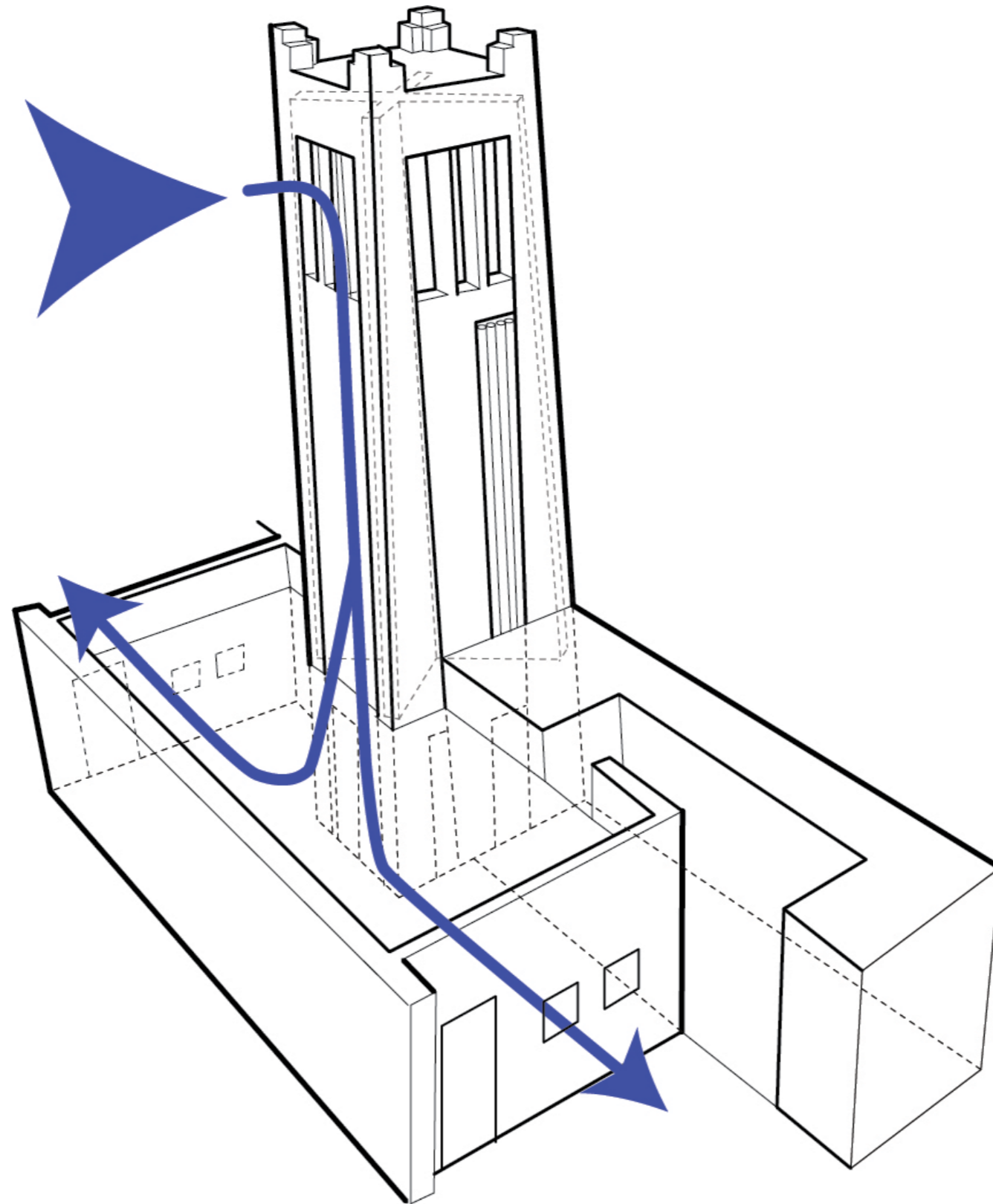




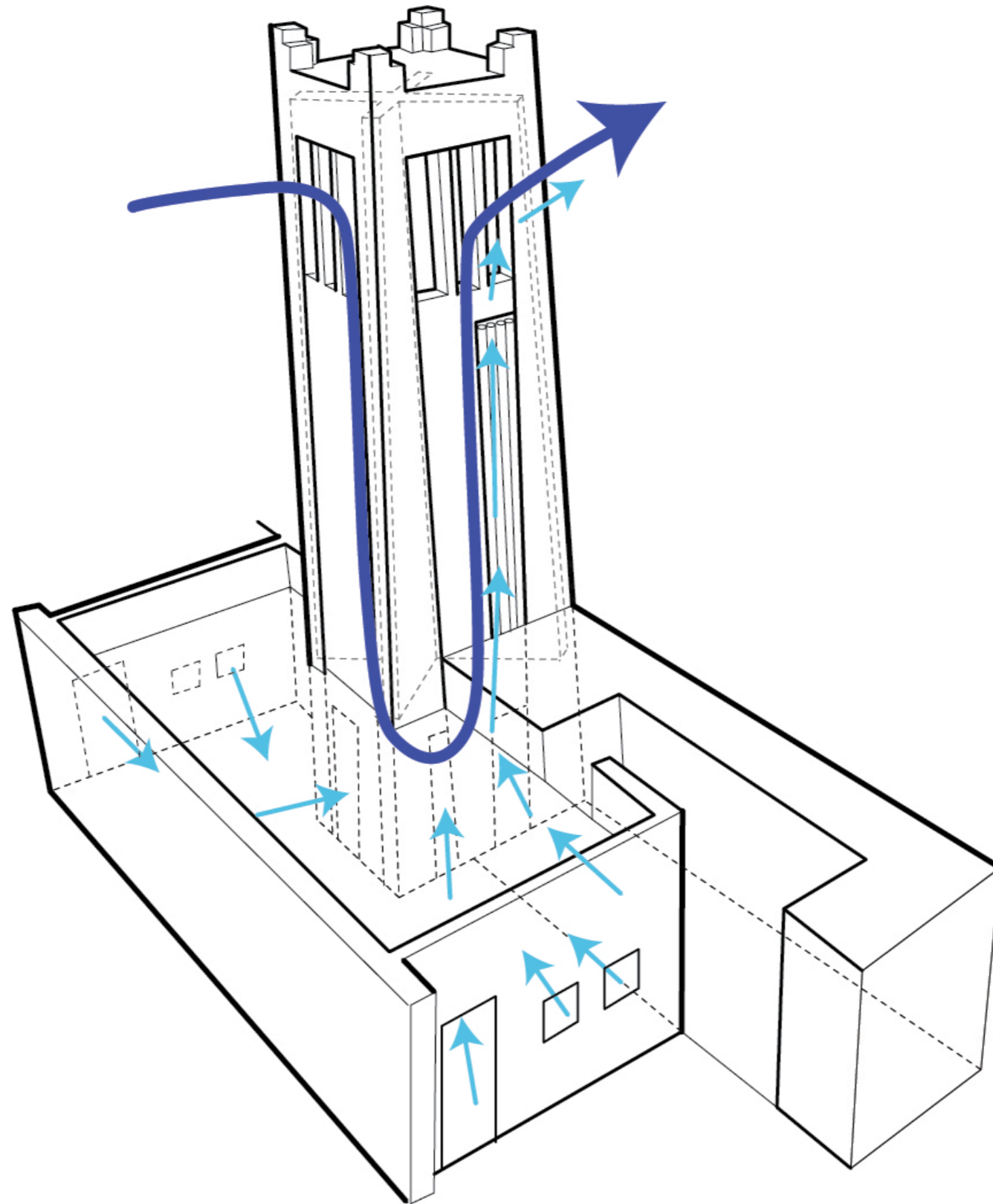








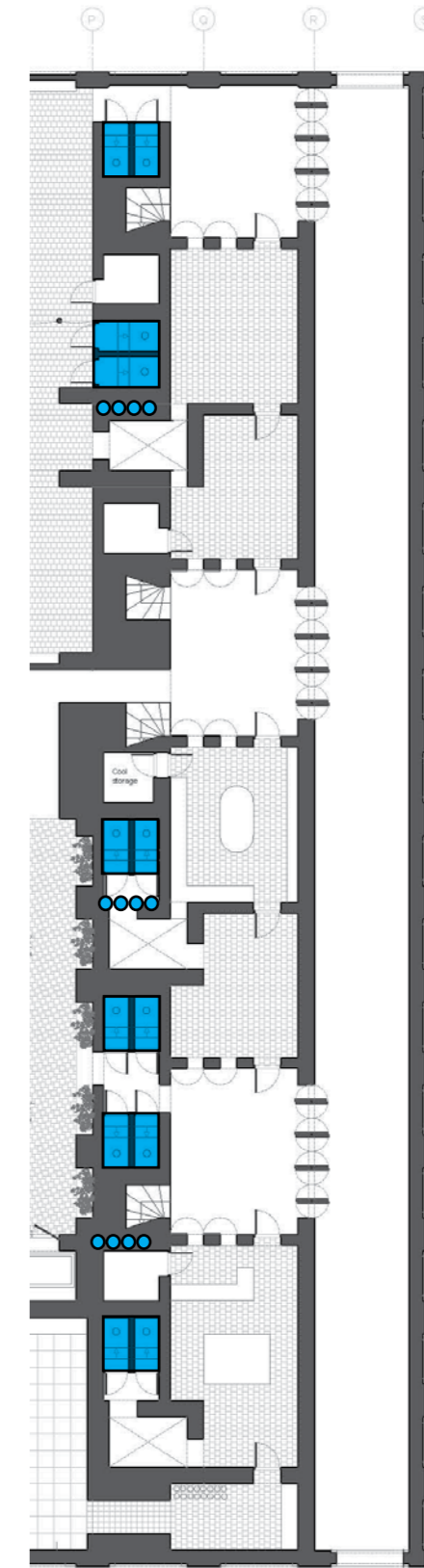
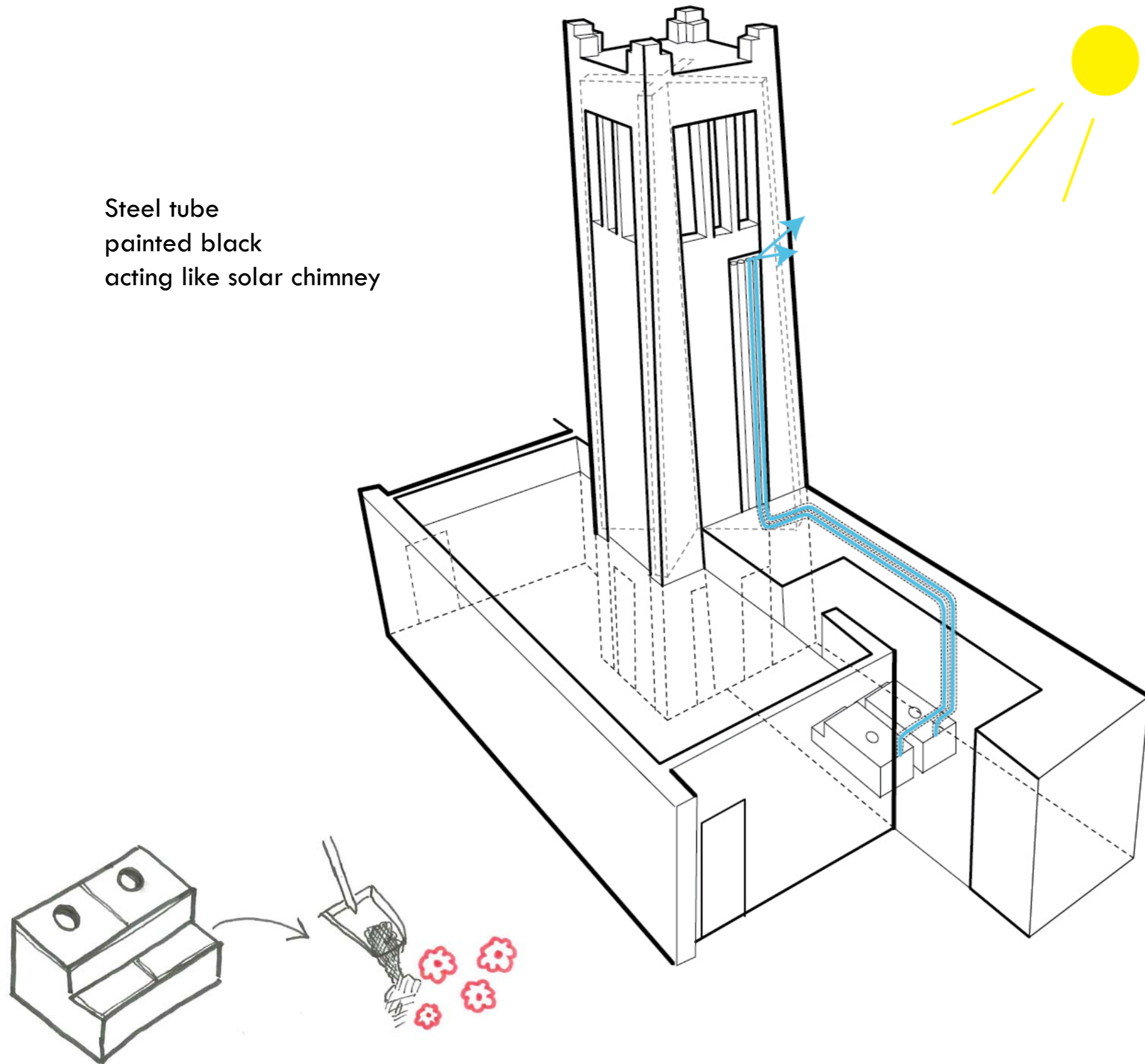




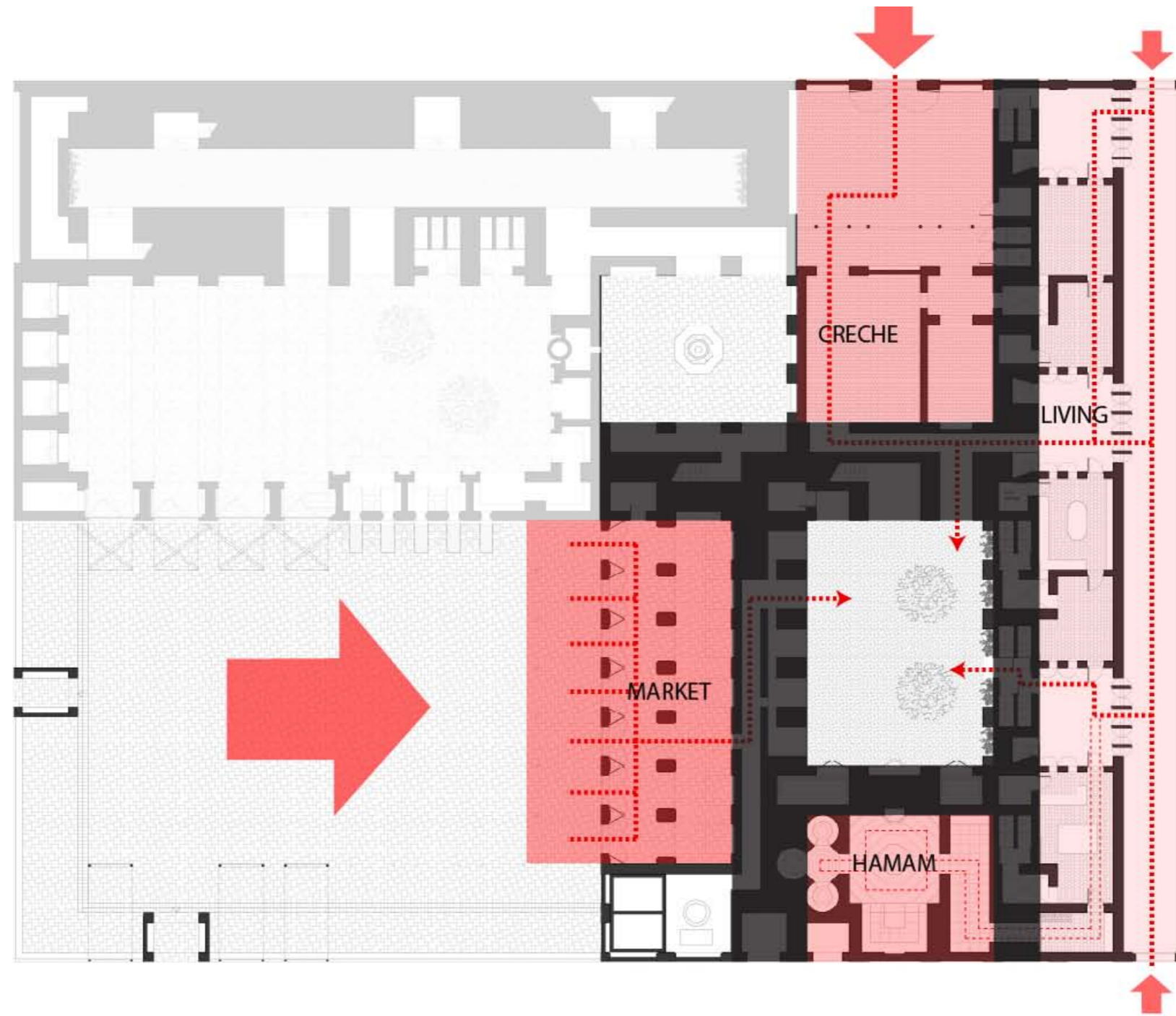
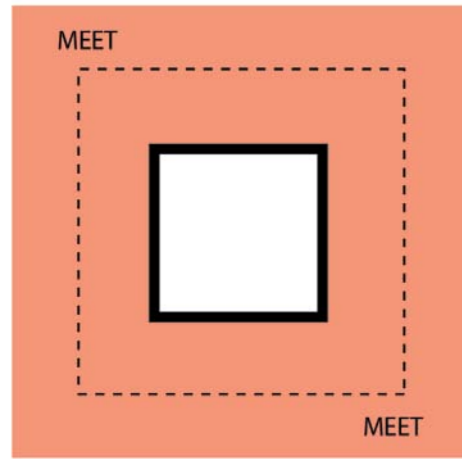
# WINDCATCHER toilet ventilation



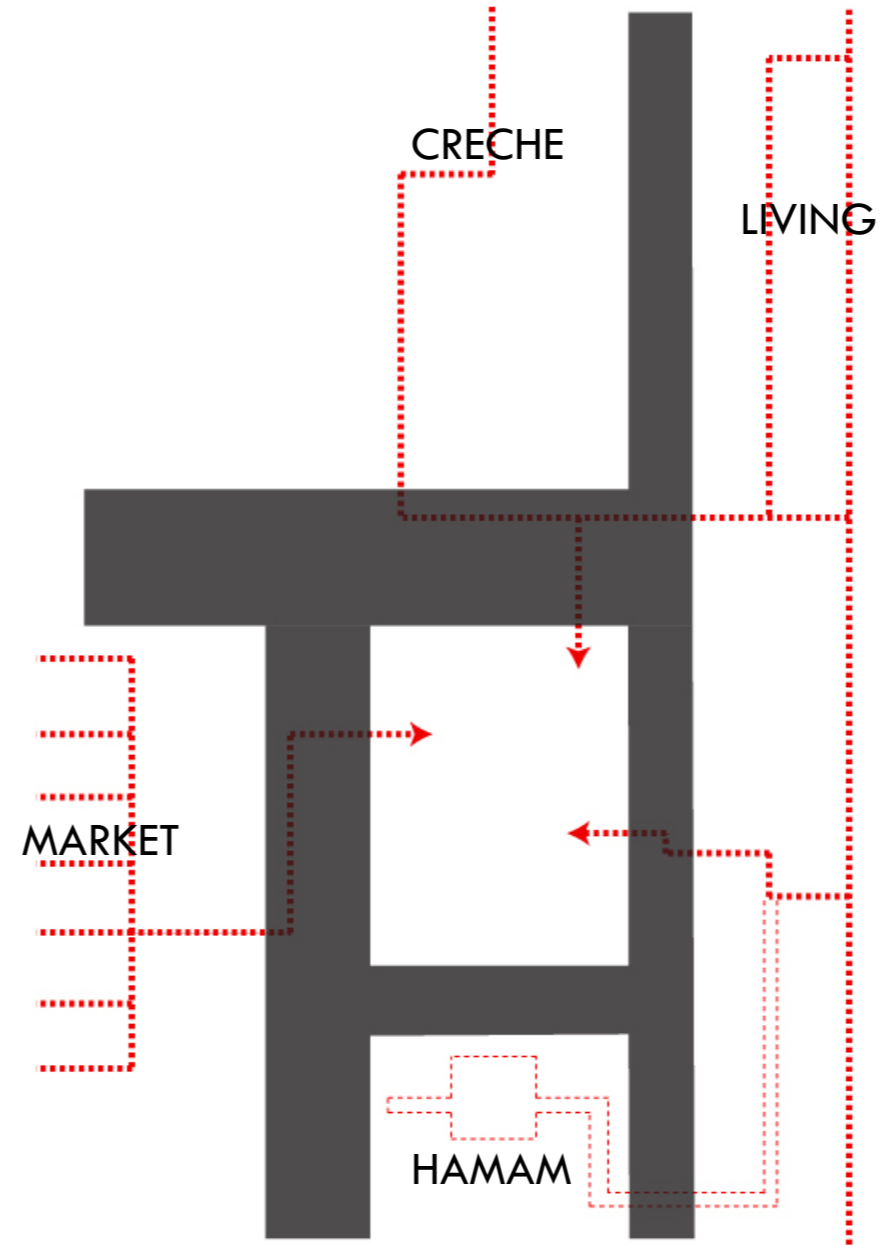
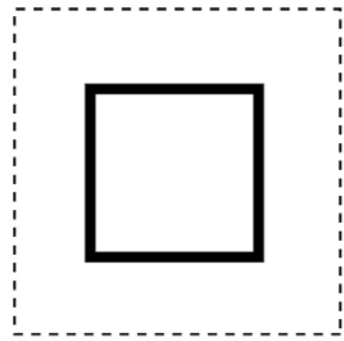
Steel tube  
painted black  
acting like solar chimney





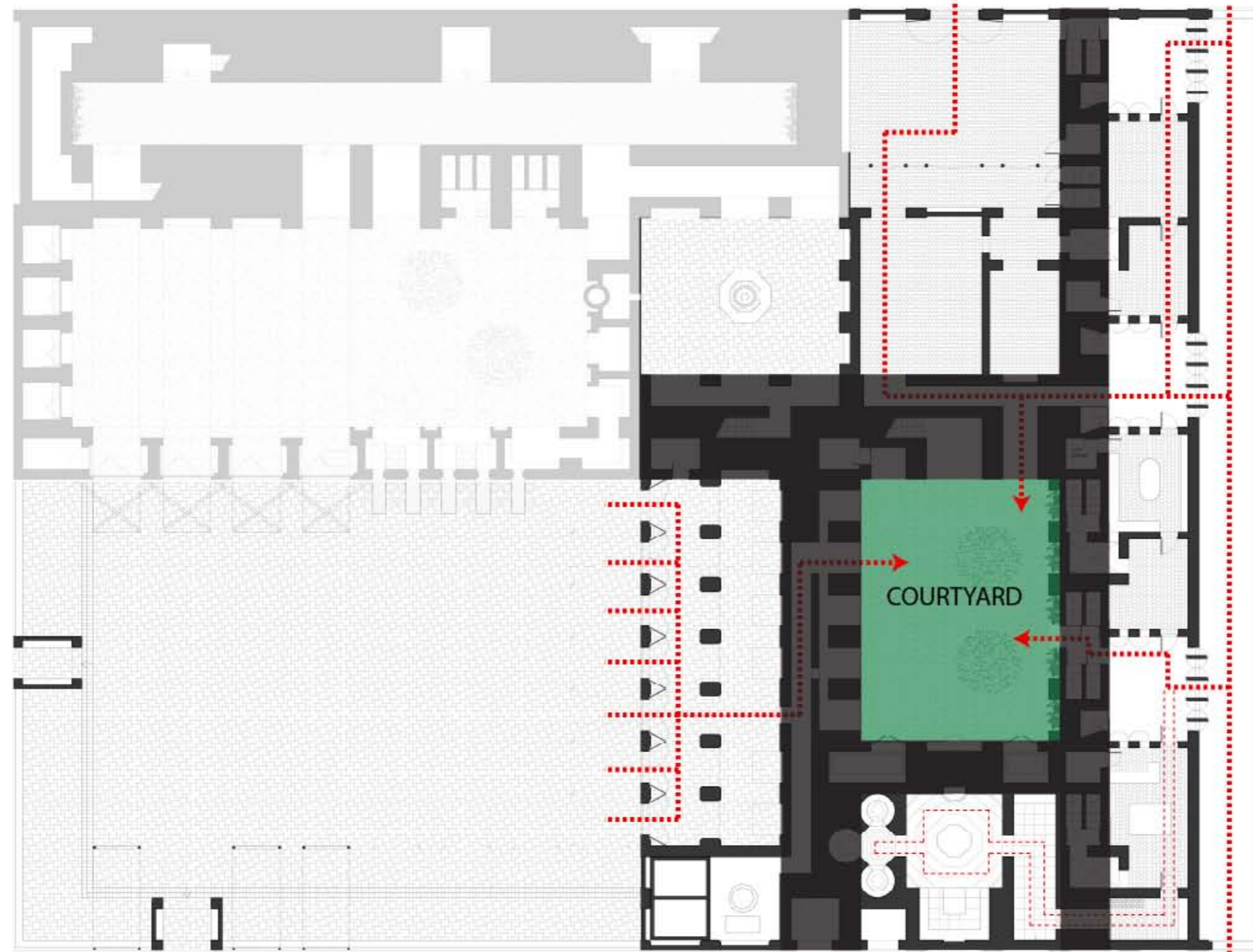
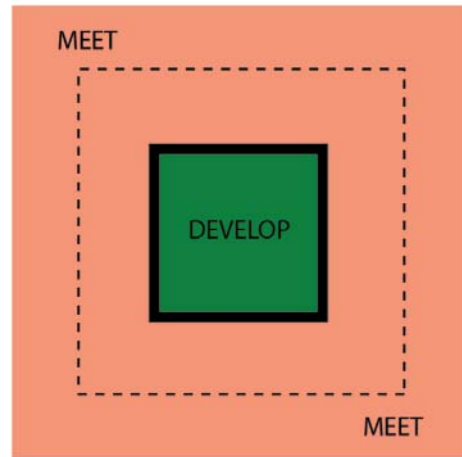


MEET



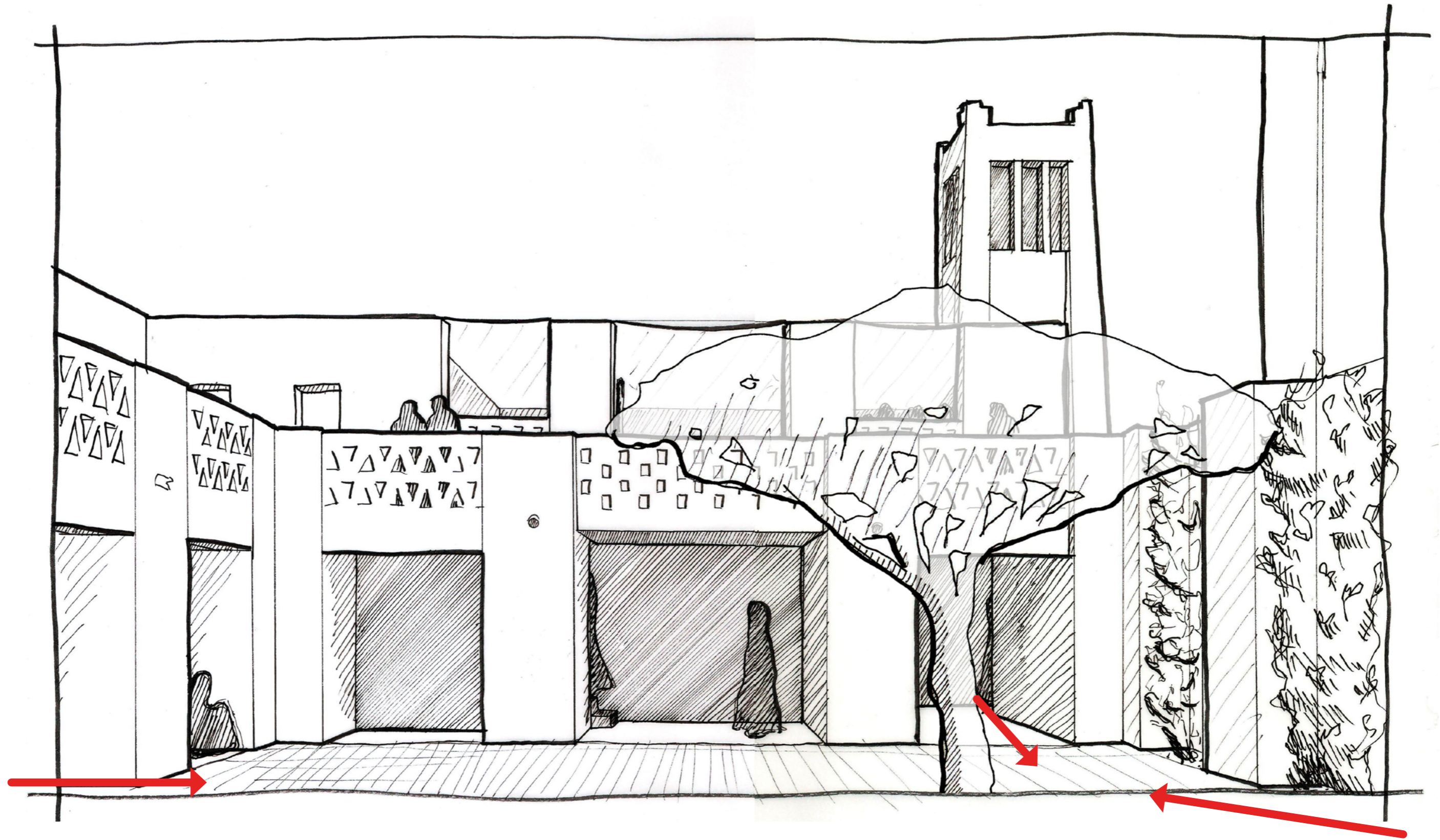






DEVELOP









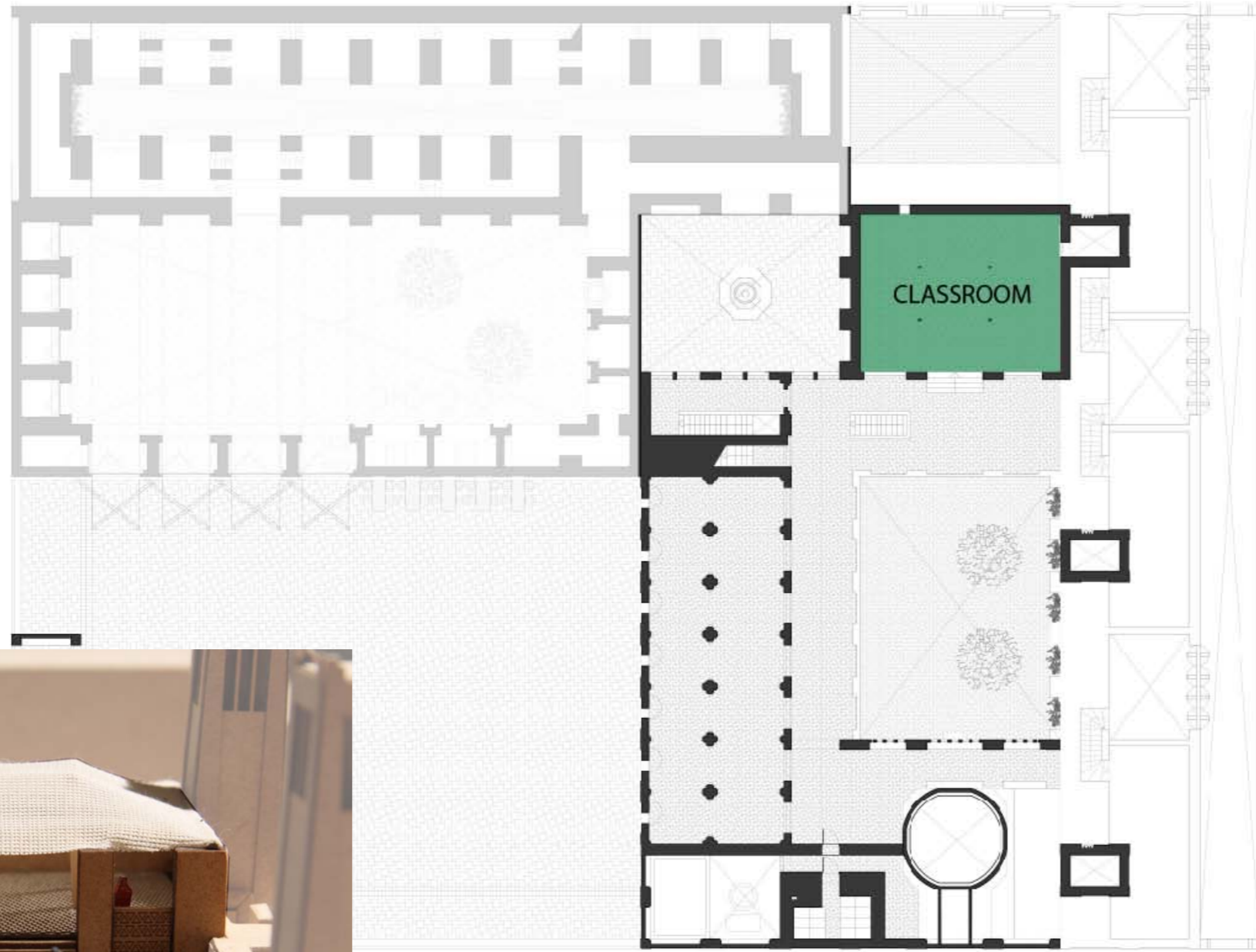






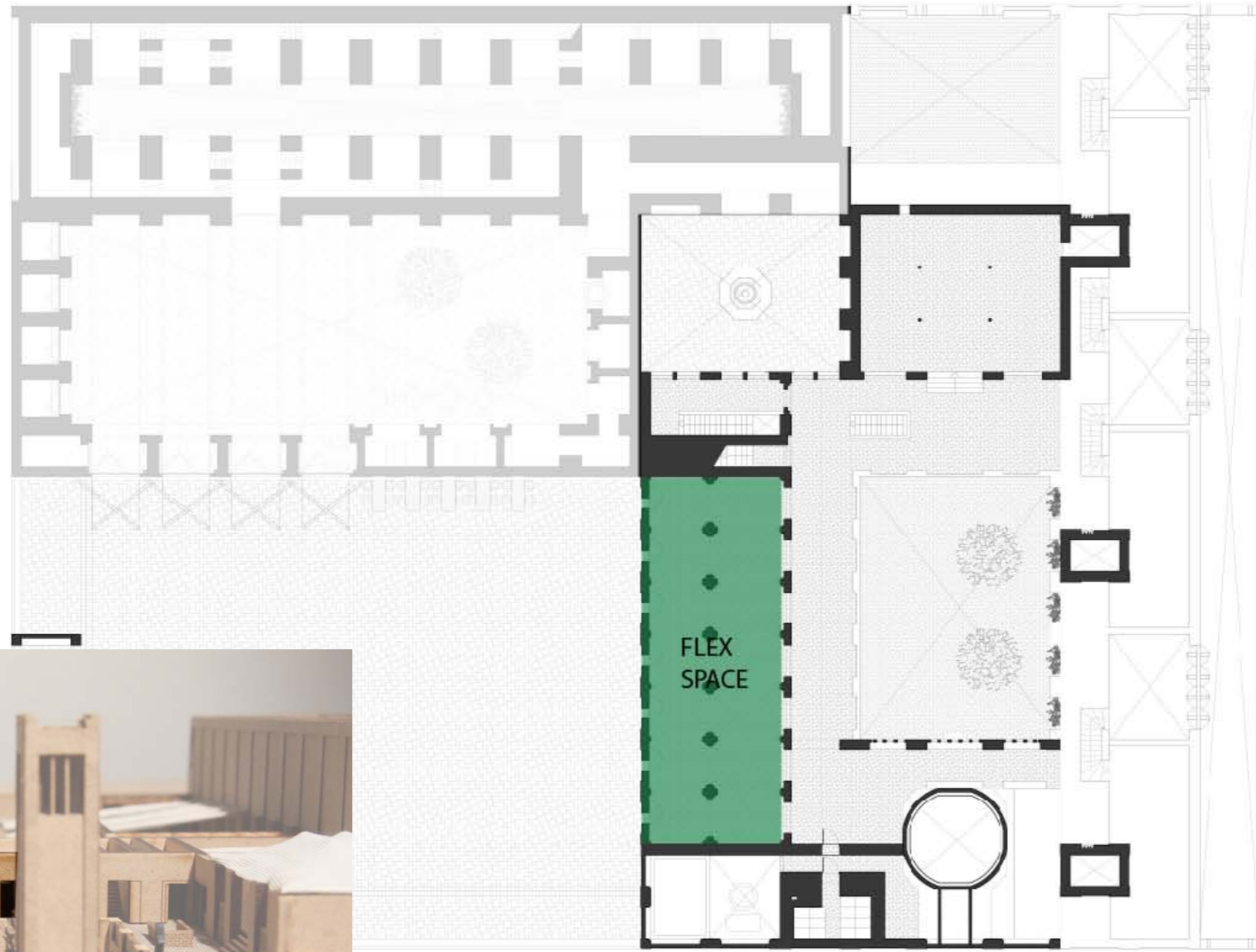






DEVELOP

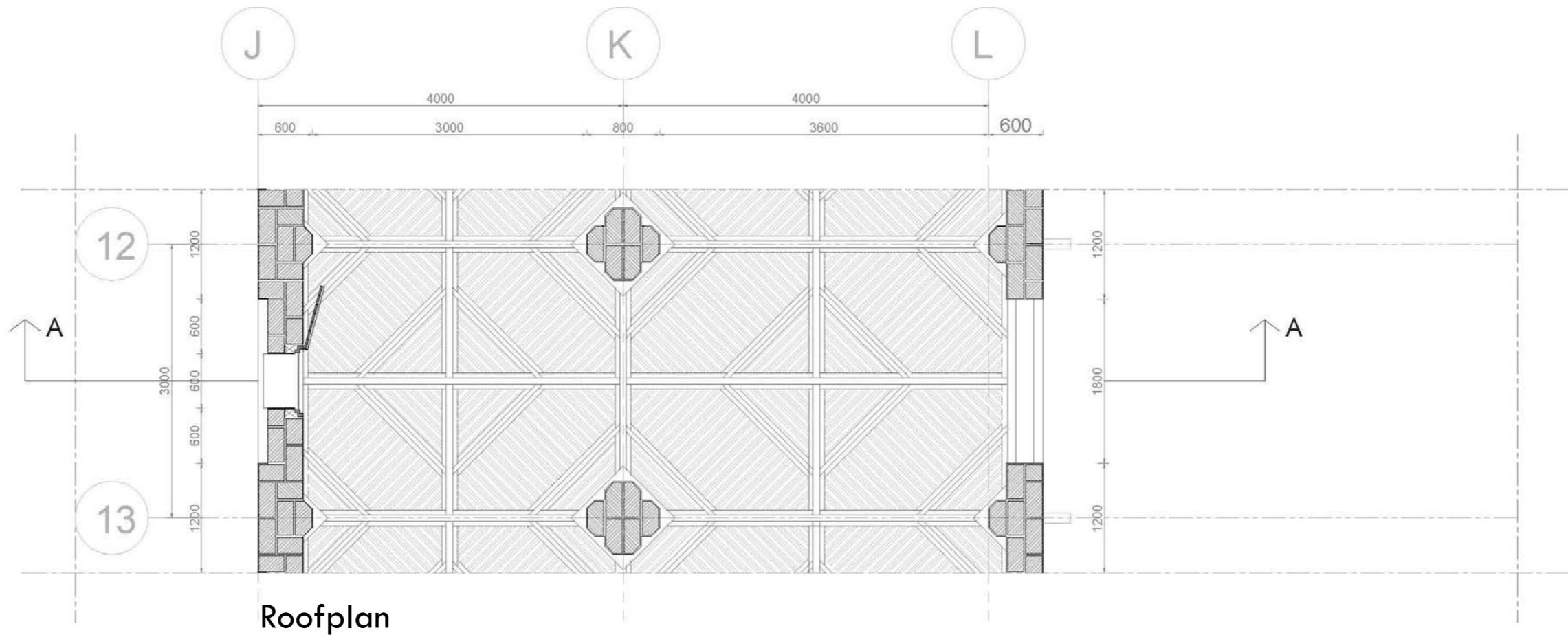
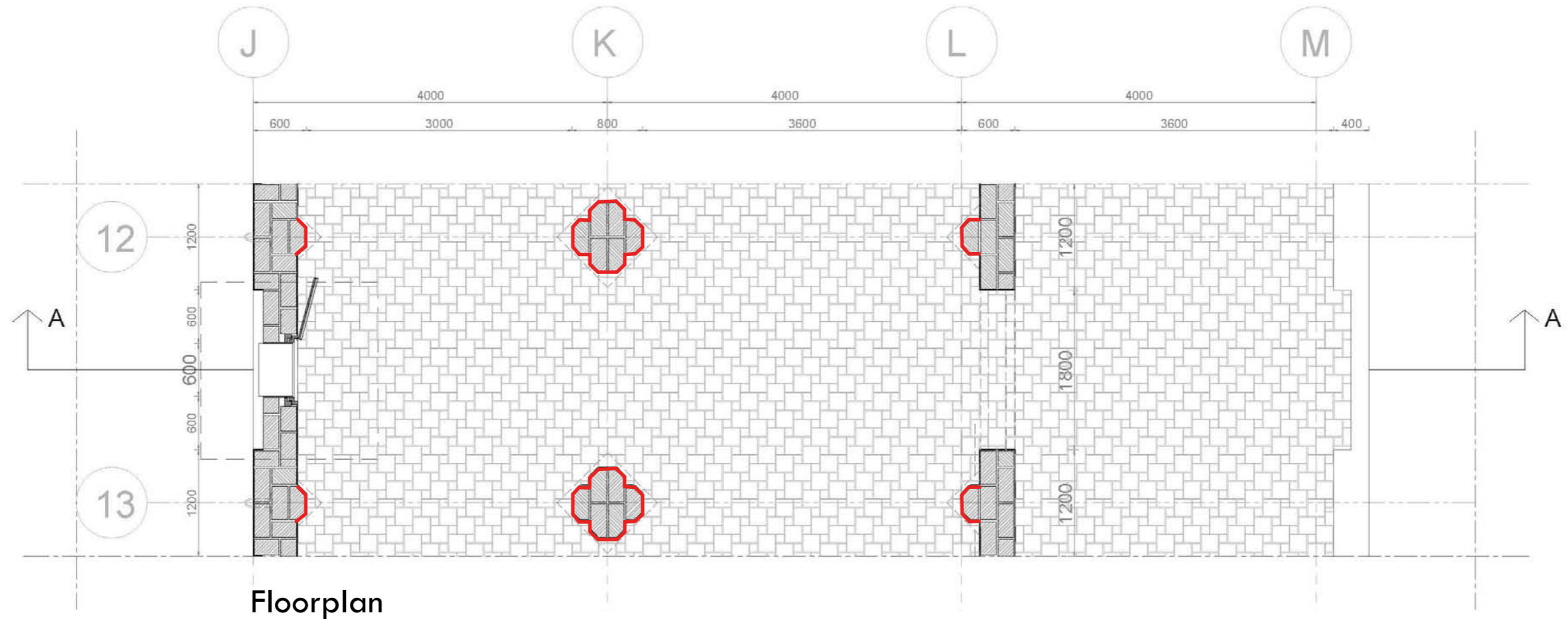




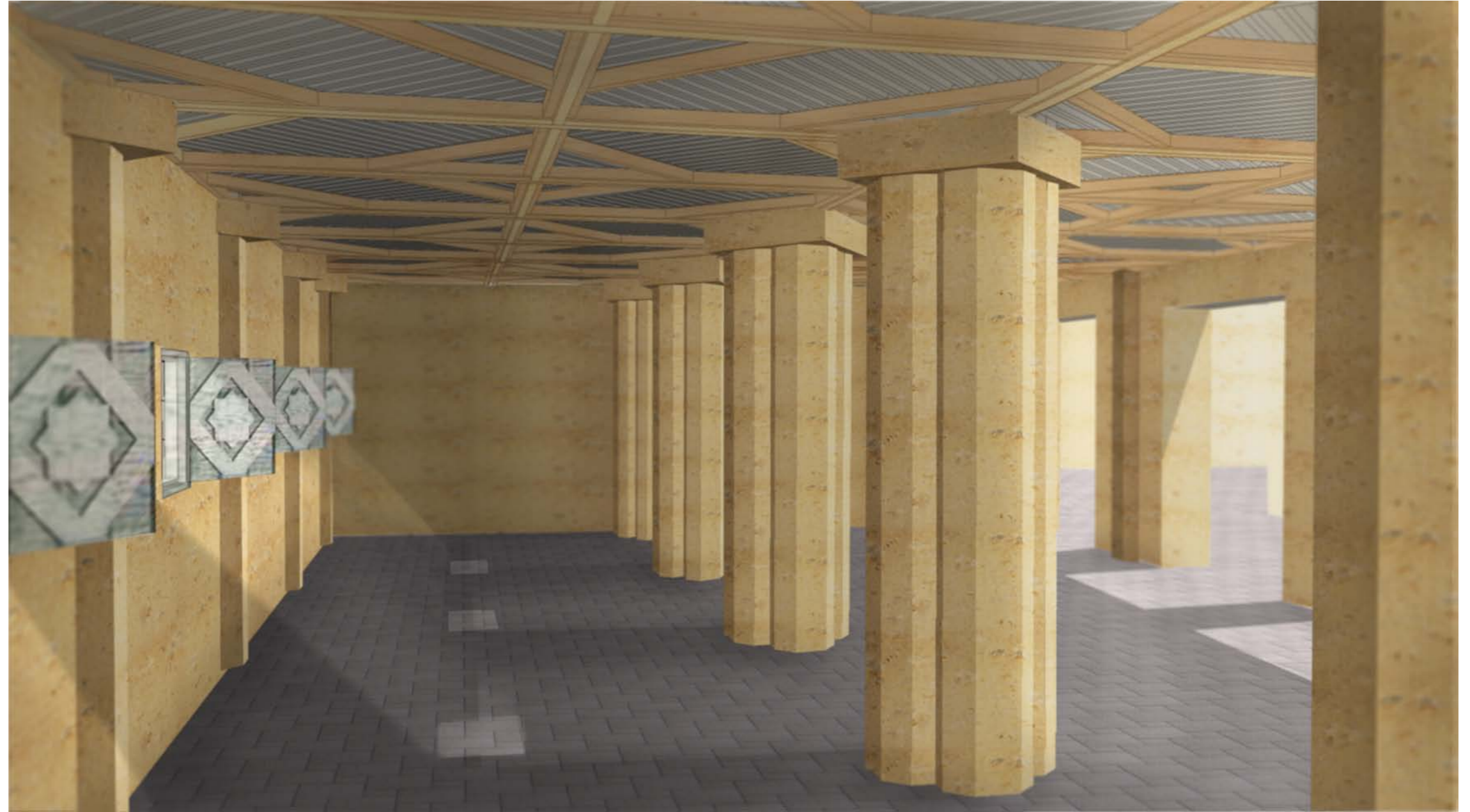
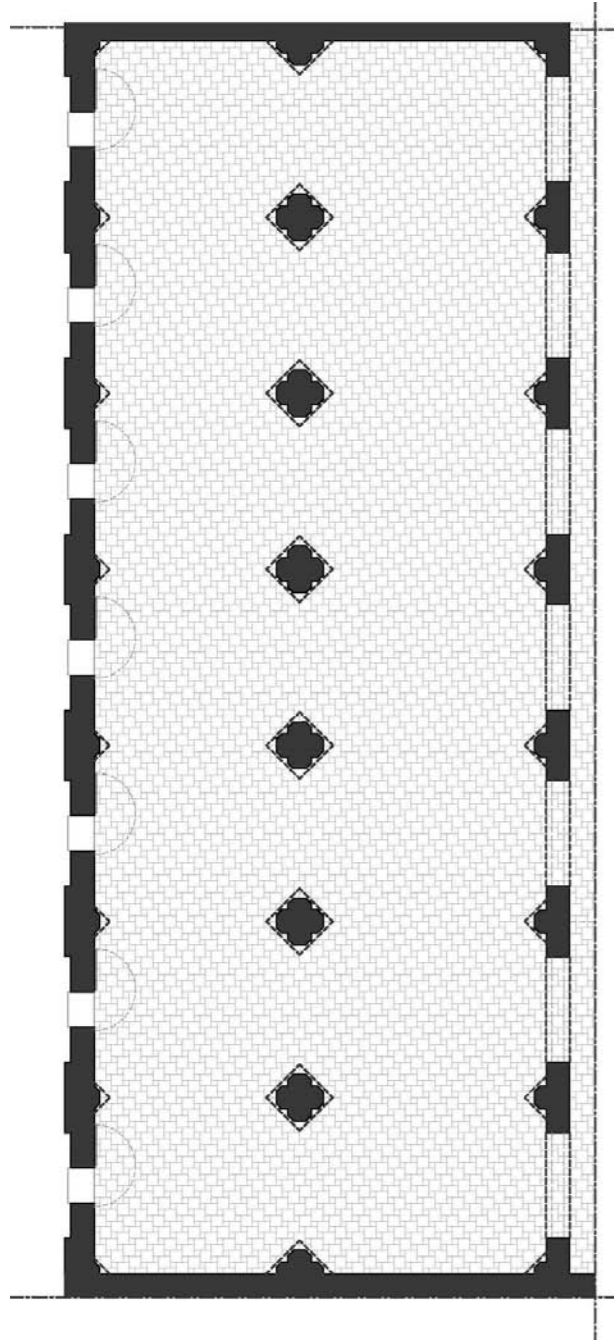
DEVELOP





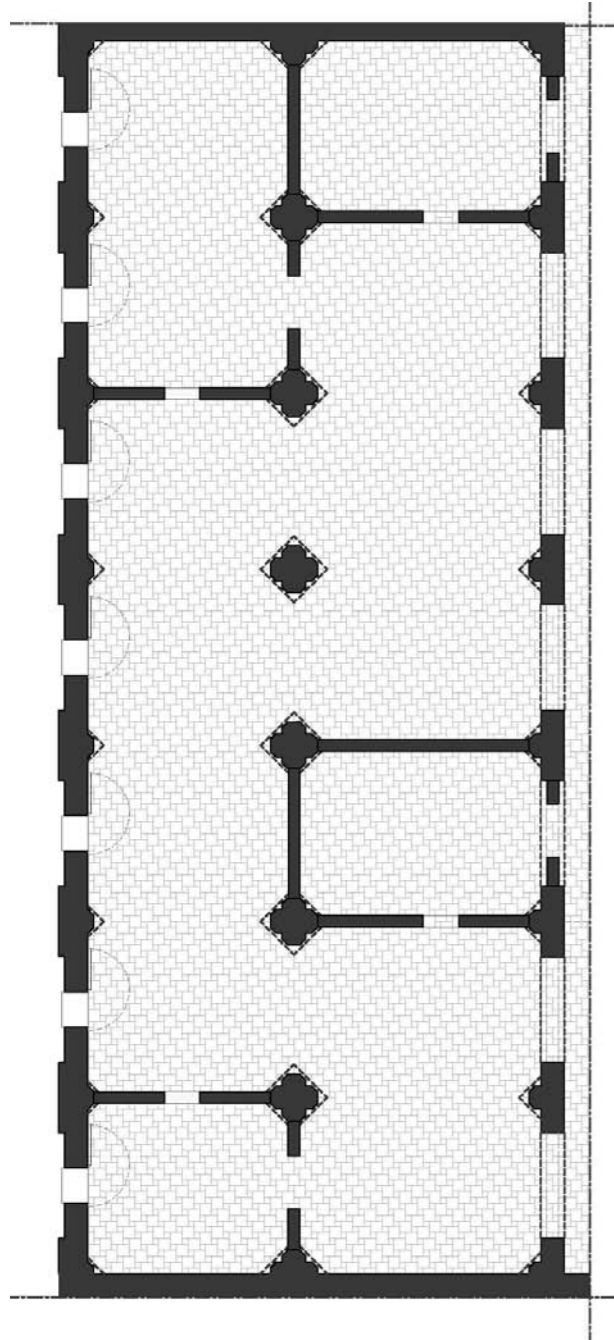






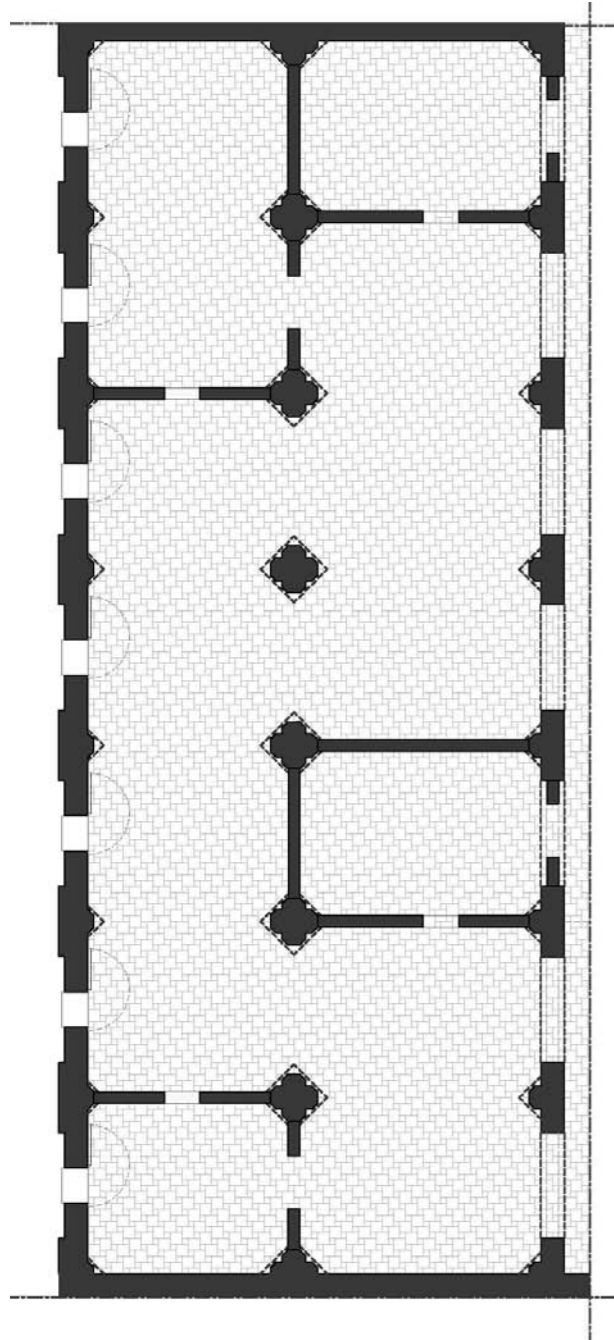
Flex space empty





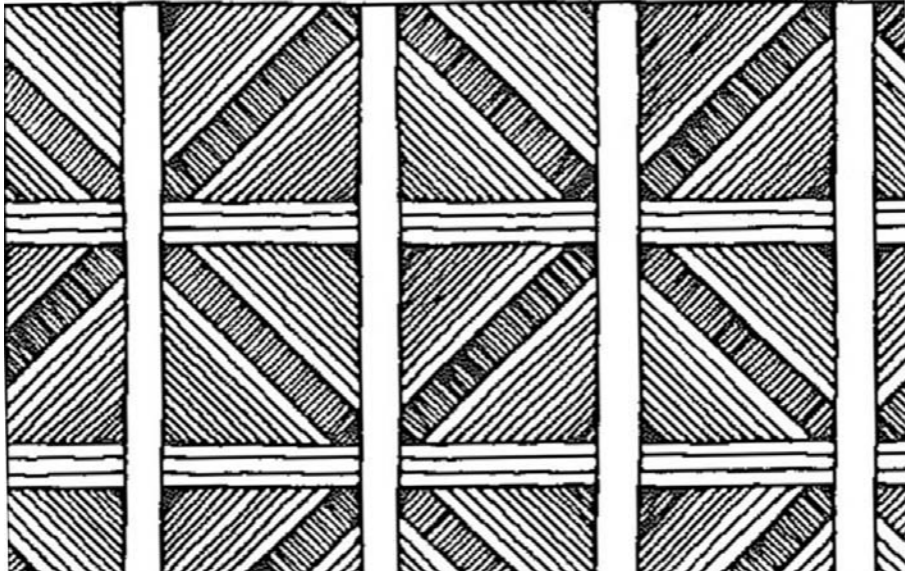
Flex space filled with rooms





Flex space empty





Mud layer & plastic tiles

Recycled plastic beams

Eucalyptes wooden beams  
60\*50mm

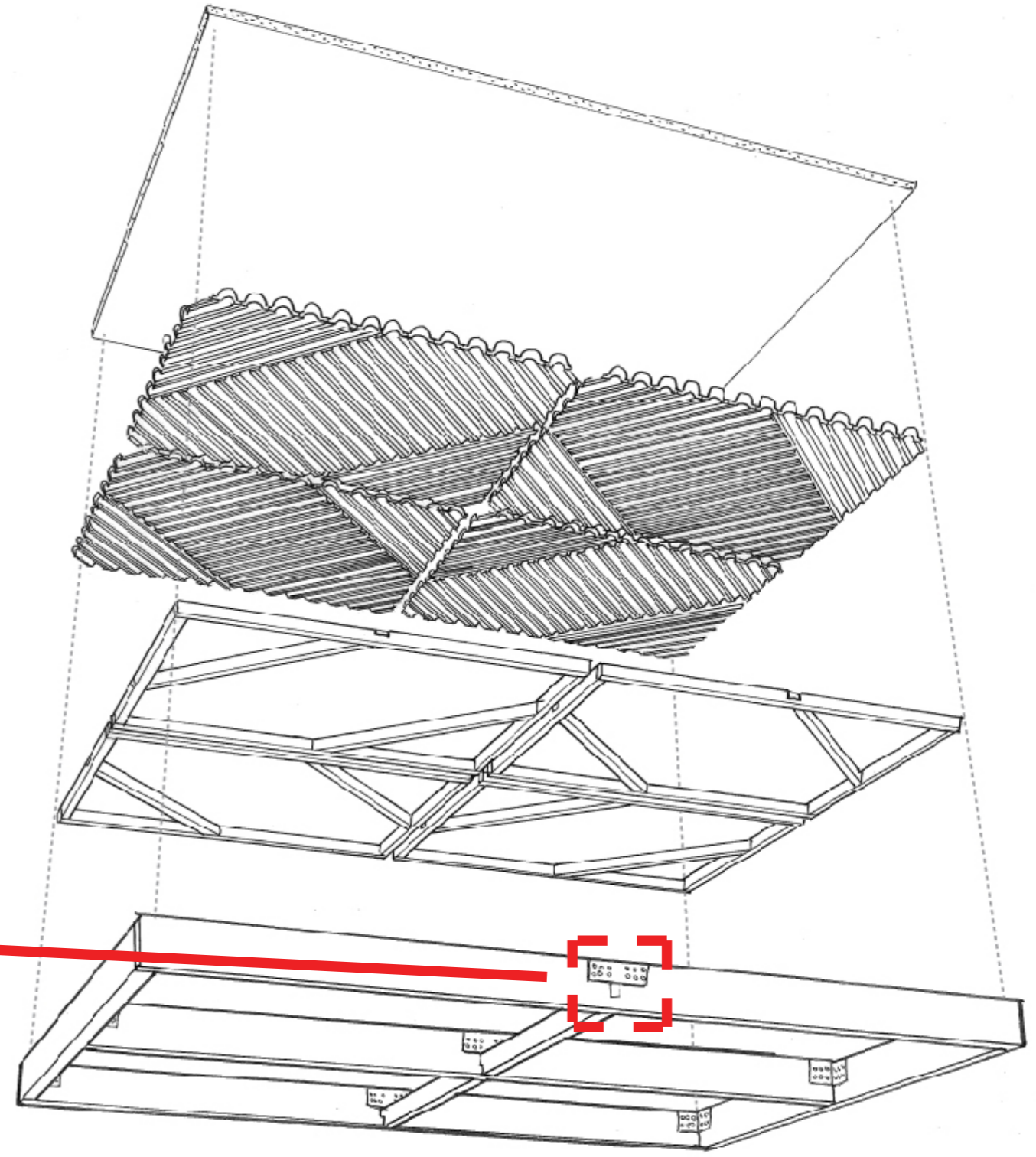
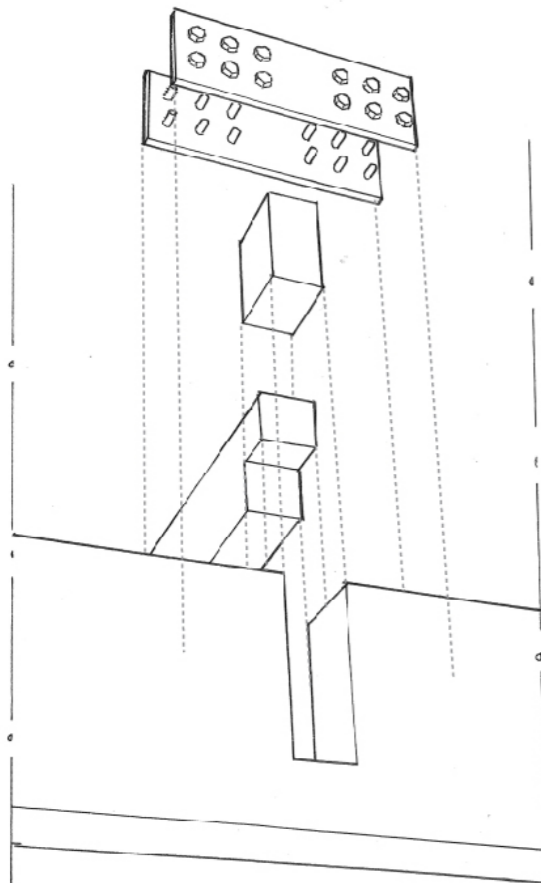
Eucalyptes Wooden beams

Steel plate with bolts

wooden fillblock

wooden beam  
100x50mm

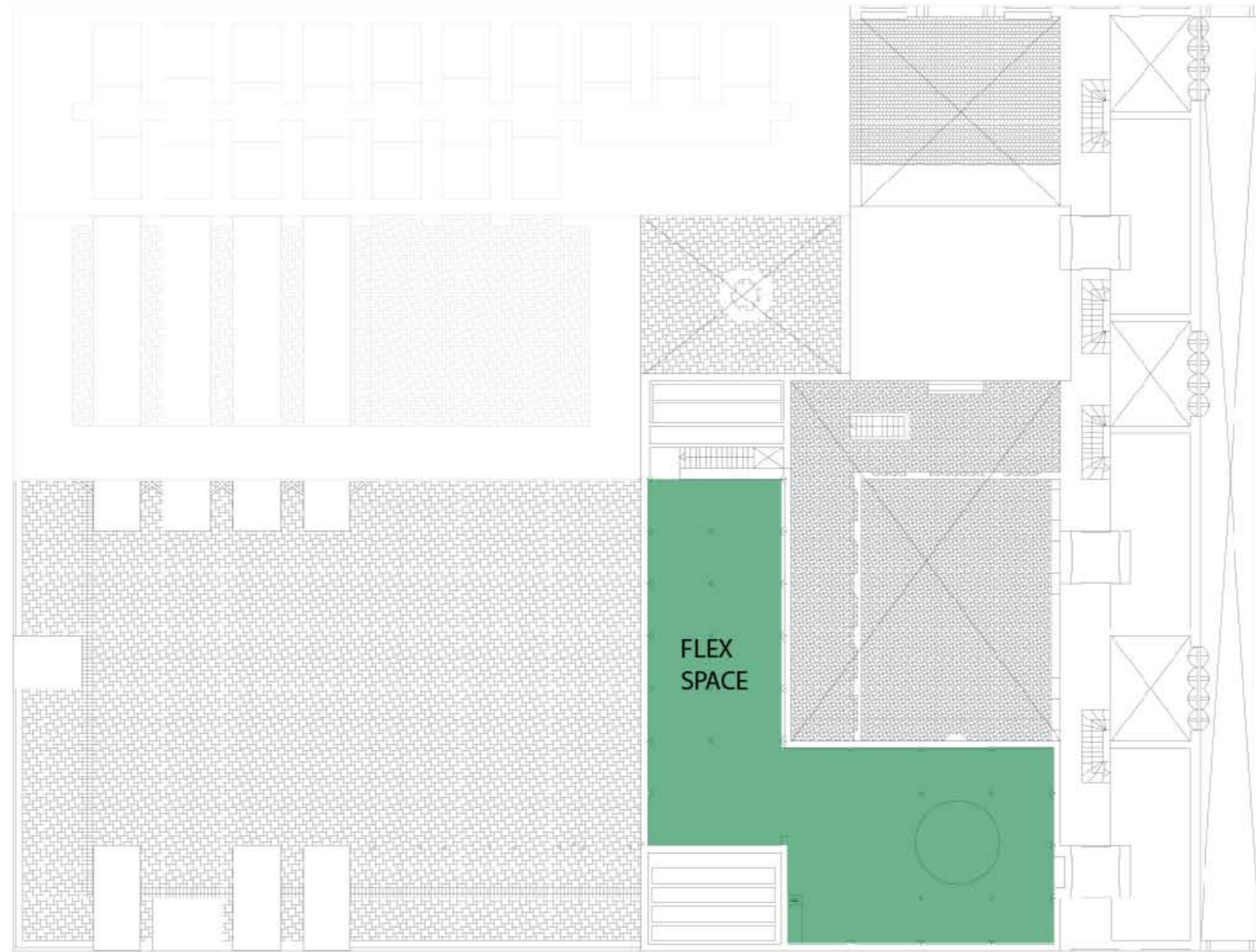
wooden beam  
200x75mm



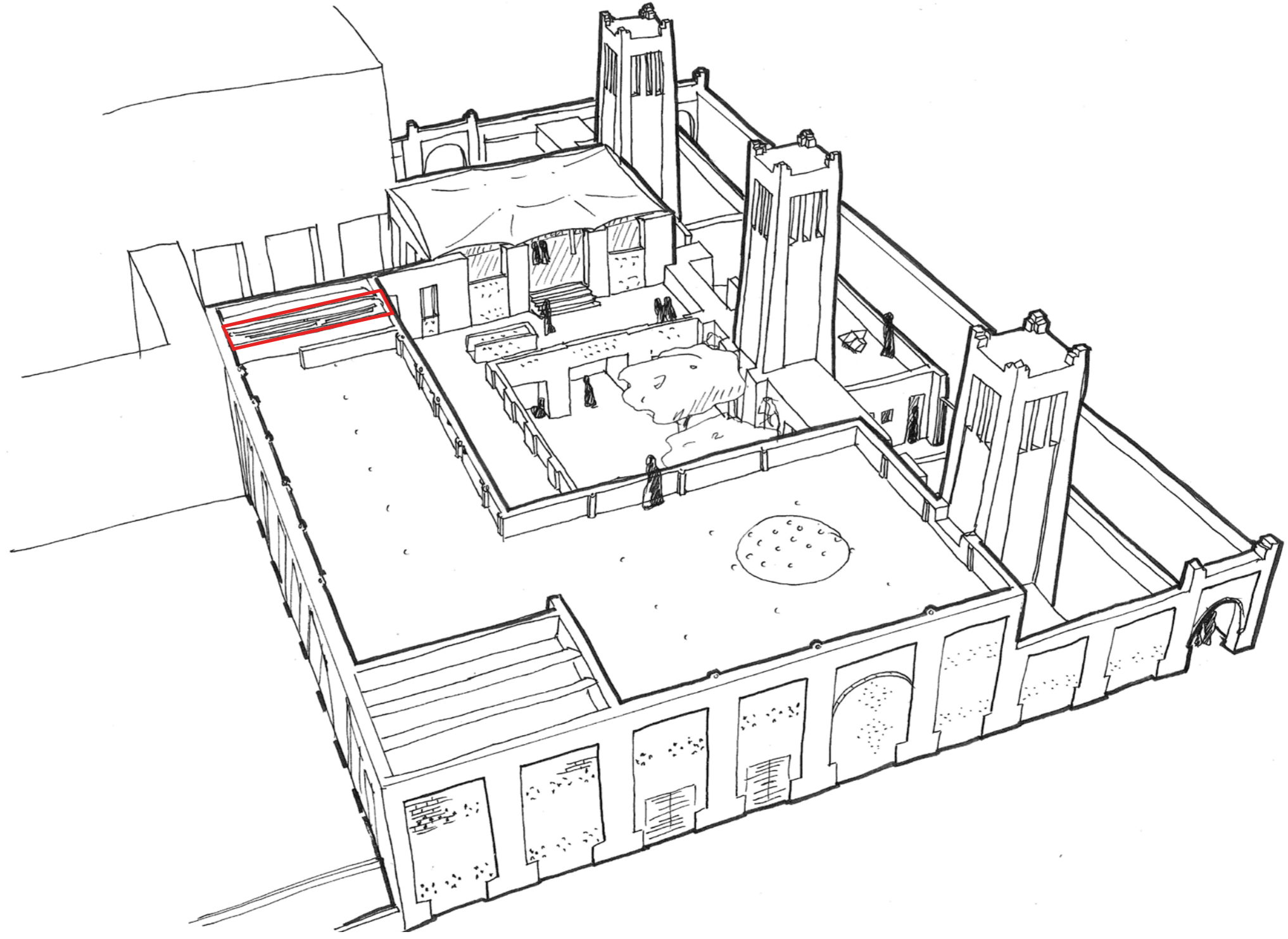




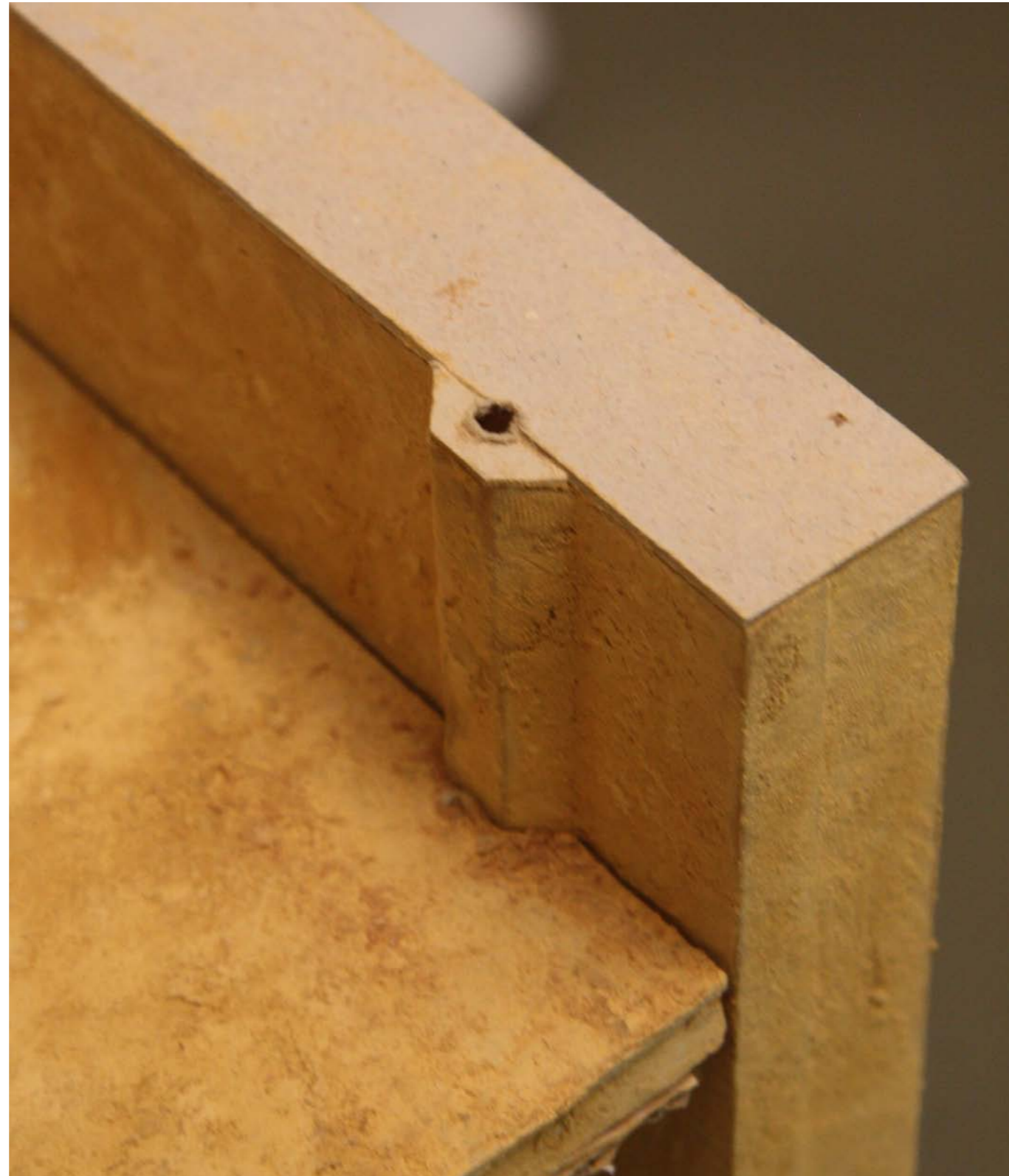


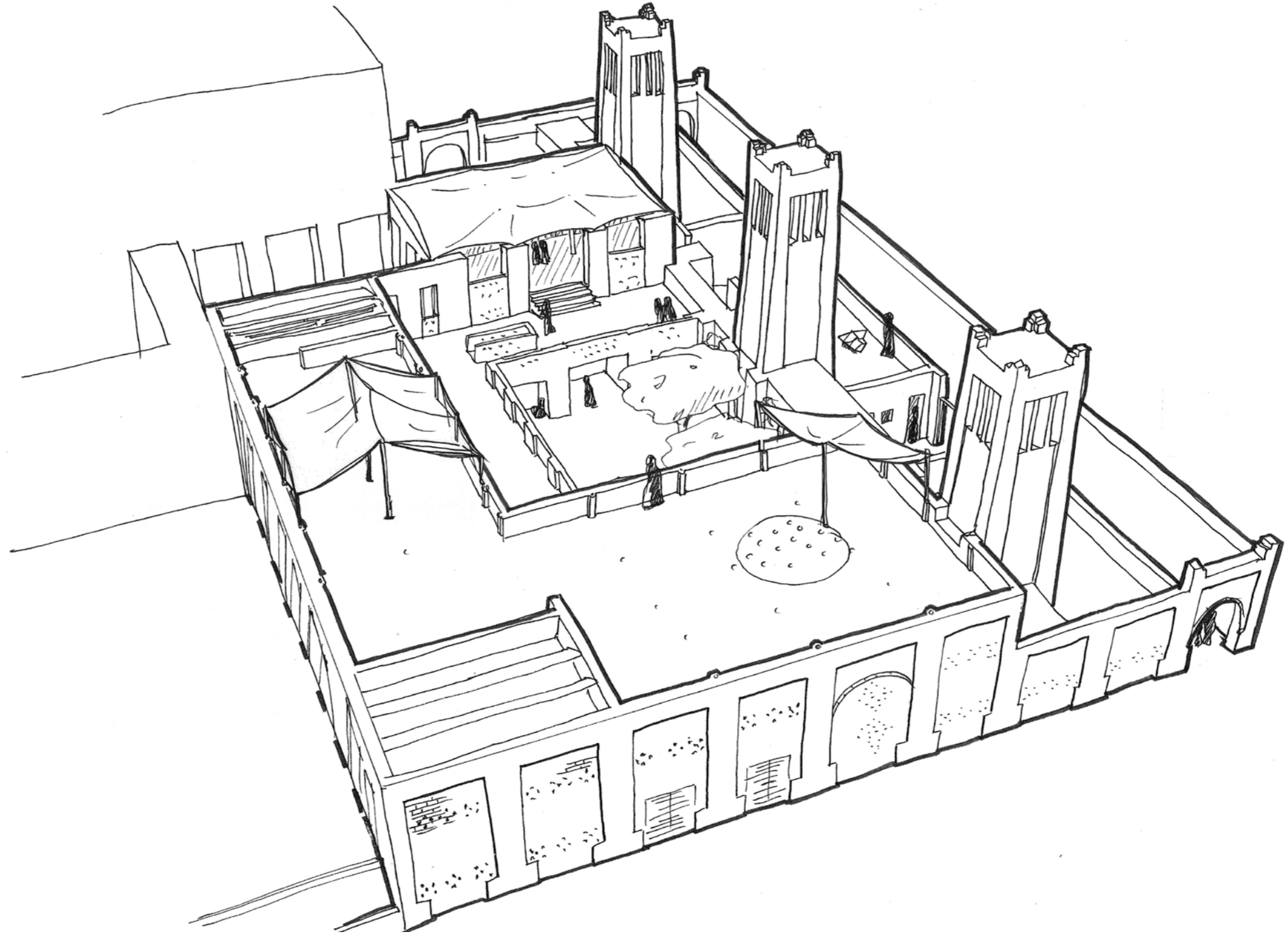


DEVELOP

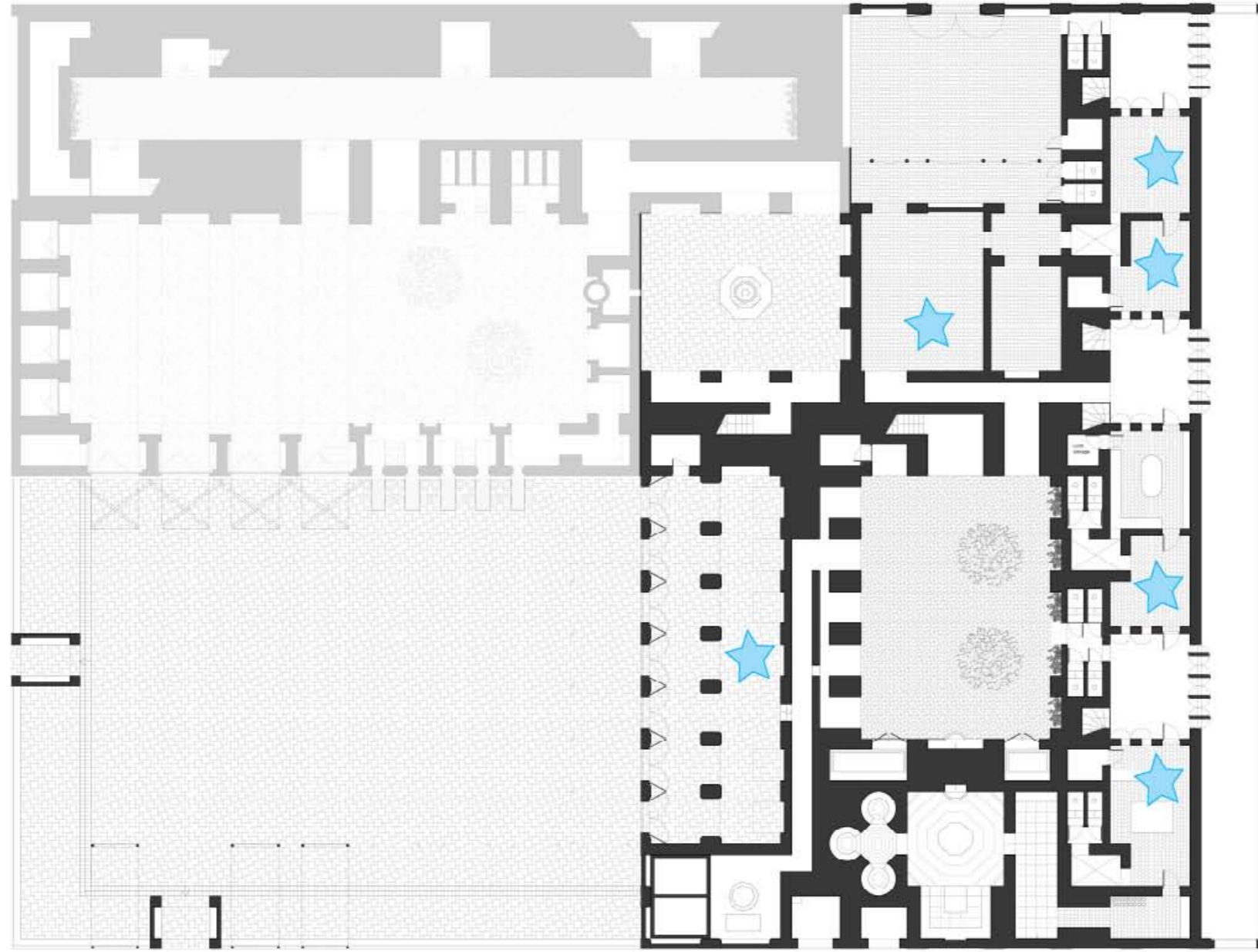
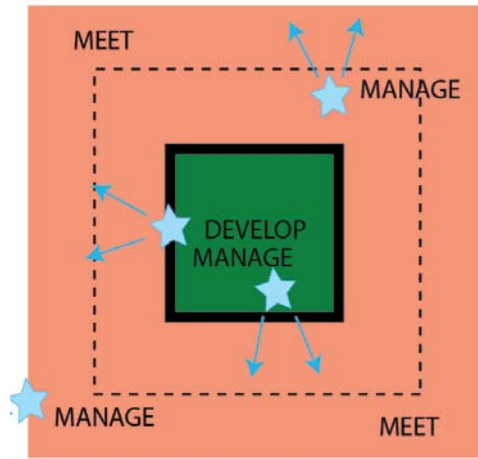








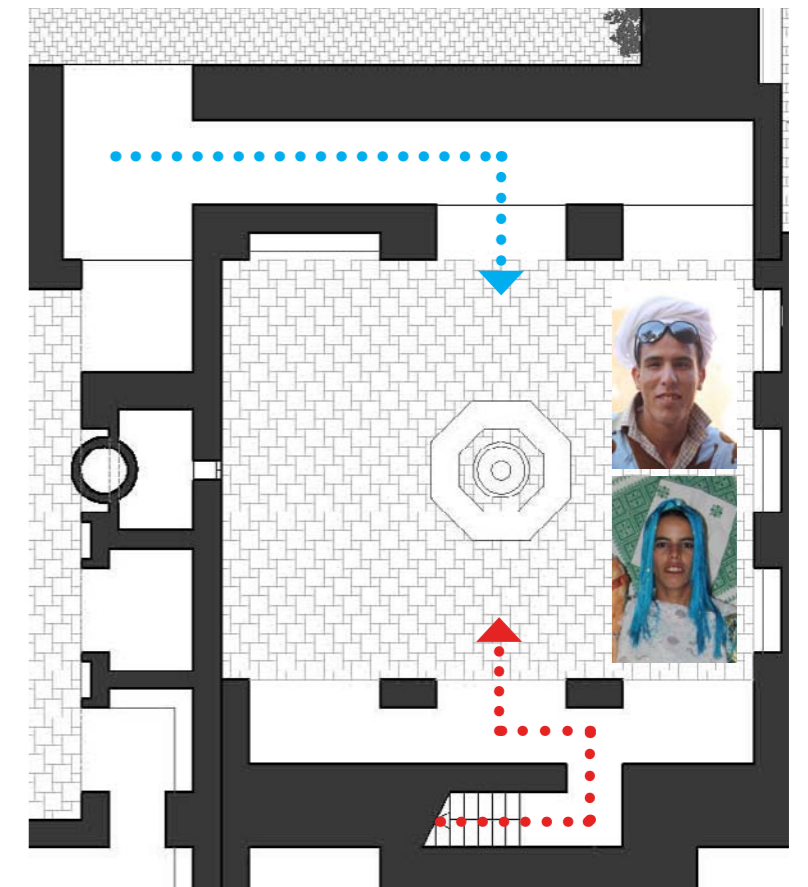




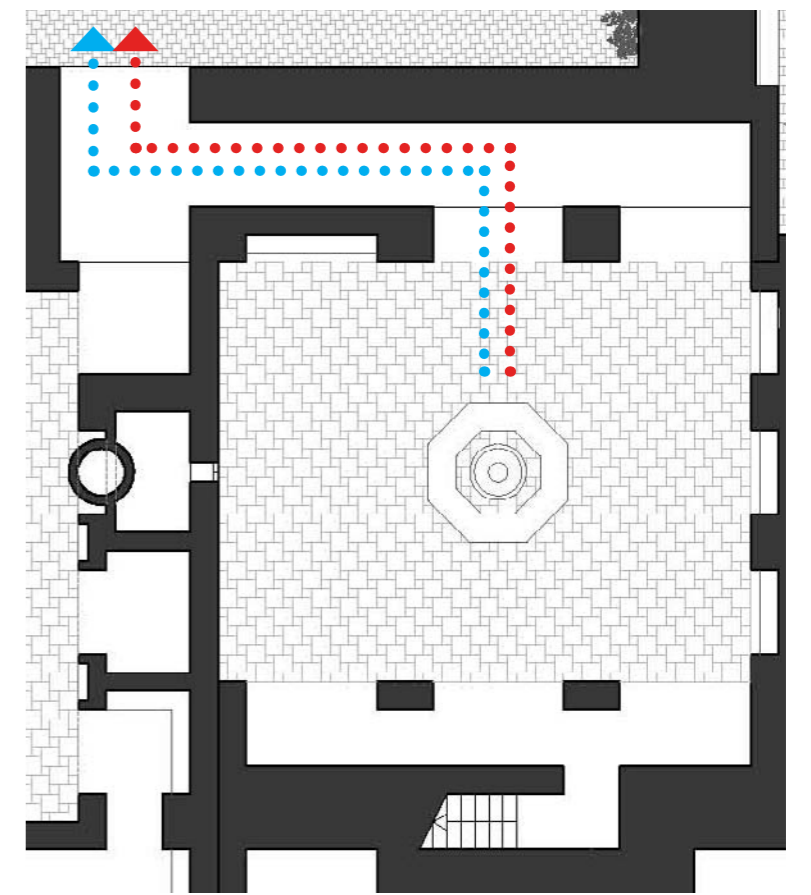




# HIDDEN MEETING PLACE



# HIDDEN MEETING PLACE







Women center -> pottery open for tourists

Digital Market -> hotel