



south east xian city wall corner / project area



Jacques Maria Brandt

Jianguomen urban development

Xian

In the definition of the project, particular importance has been given to the consideration of some general aspects that define the inner city of Xian. The project bases its foundations in a design vision that combines the general complexities of the city Ming, neighbourhood identity and contextual issues. Through the intertwining of these three layers, a project has been defined to enable new economic and social solutions for the design area as well as a concrete opportunity to experiment different modes of entertainment in a particular and important point of the city of Xian. The project area is considered not only as an element but as a continuation of the experiences that people can enjoy walking along the road that surrounds the walls. So an area therefore offers not only a solution to the contextual problems but relates to the adjacent areas offering different moments and experiences originating from the identity of the context.

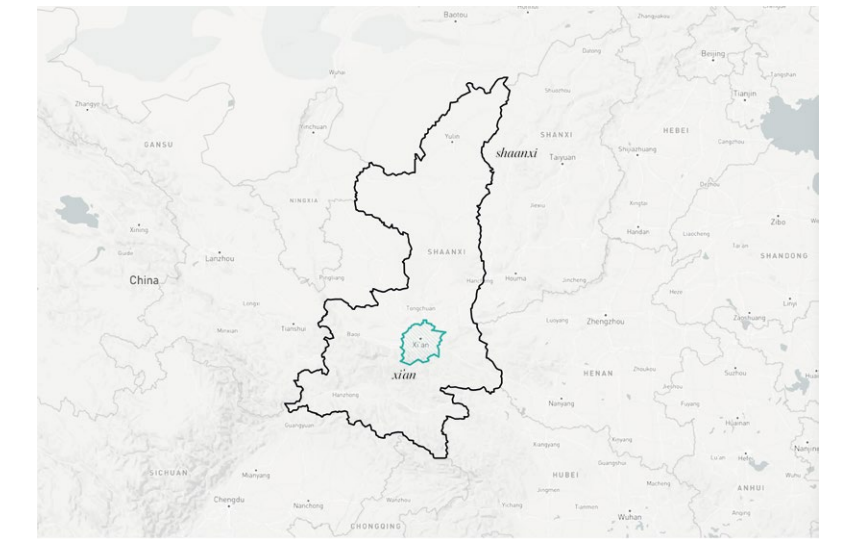
The composition of the project originates in the search for a close relationship between the characteristics of the city in its entirety, the identity of the project area and its main properties in terms of the issues to be solved.

A layer overlay that allows the area to be transformed considering its single aspect in the different steps of intervention. Starting from the consideration of the existence of portions of cities around the low permeable wall, the project seeks its porosity and its permeability through the fragmentation of spaces allowing to relate to other portions of the city and to reach the gates across the entire area in question. The enhancement of the site's identity defines the second key theme by proposing space and functional compositions that enhance the market idea through proposals that aggregate economy and culture. Neighbourhood issues have also been considered in terms of spatial organization, composition and quality of public spaces to provide citizens and workers in the area with a space that can increase economic relations and provide an environment for personal growth of individuals.

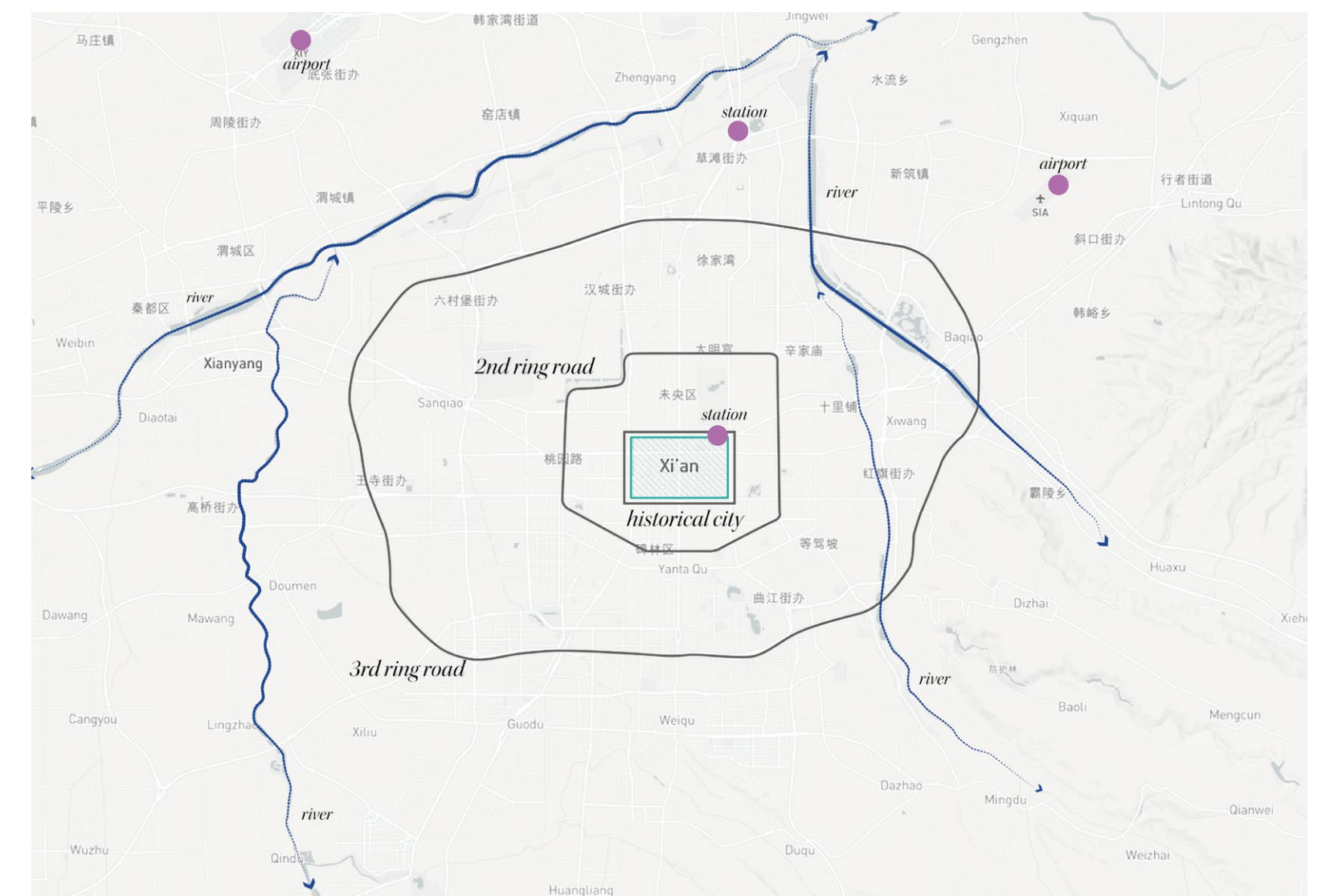
The composition of the project originates in the search for a close relationship between the characteristics of the city in its entirety, the identity of the project area and its main properties in terms of the issues to be solved.



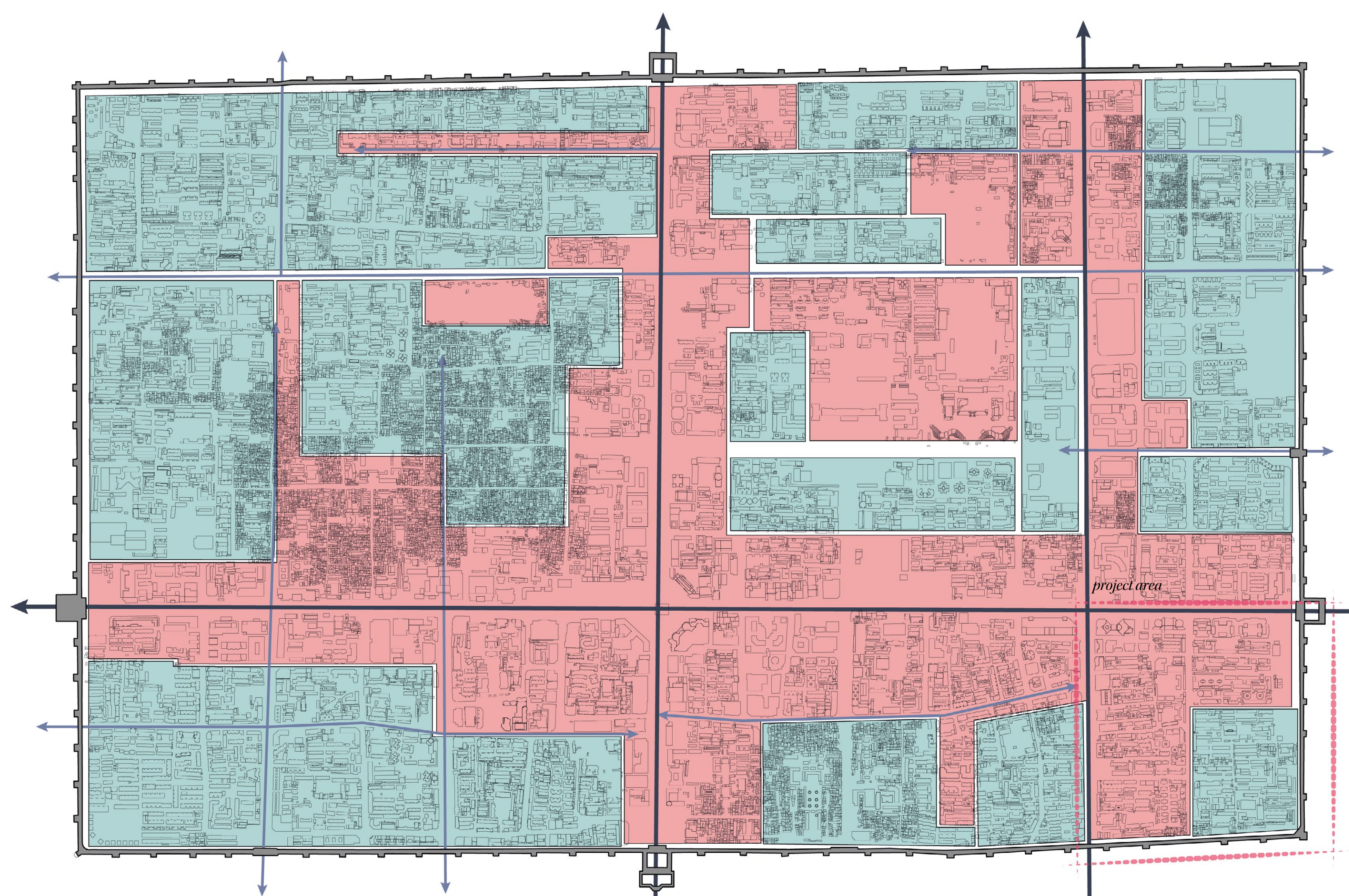
location of shaanxi province



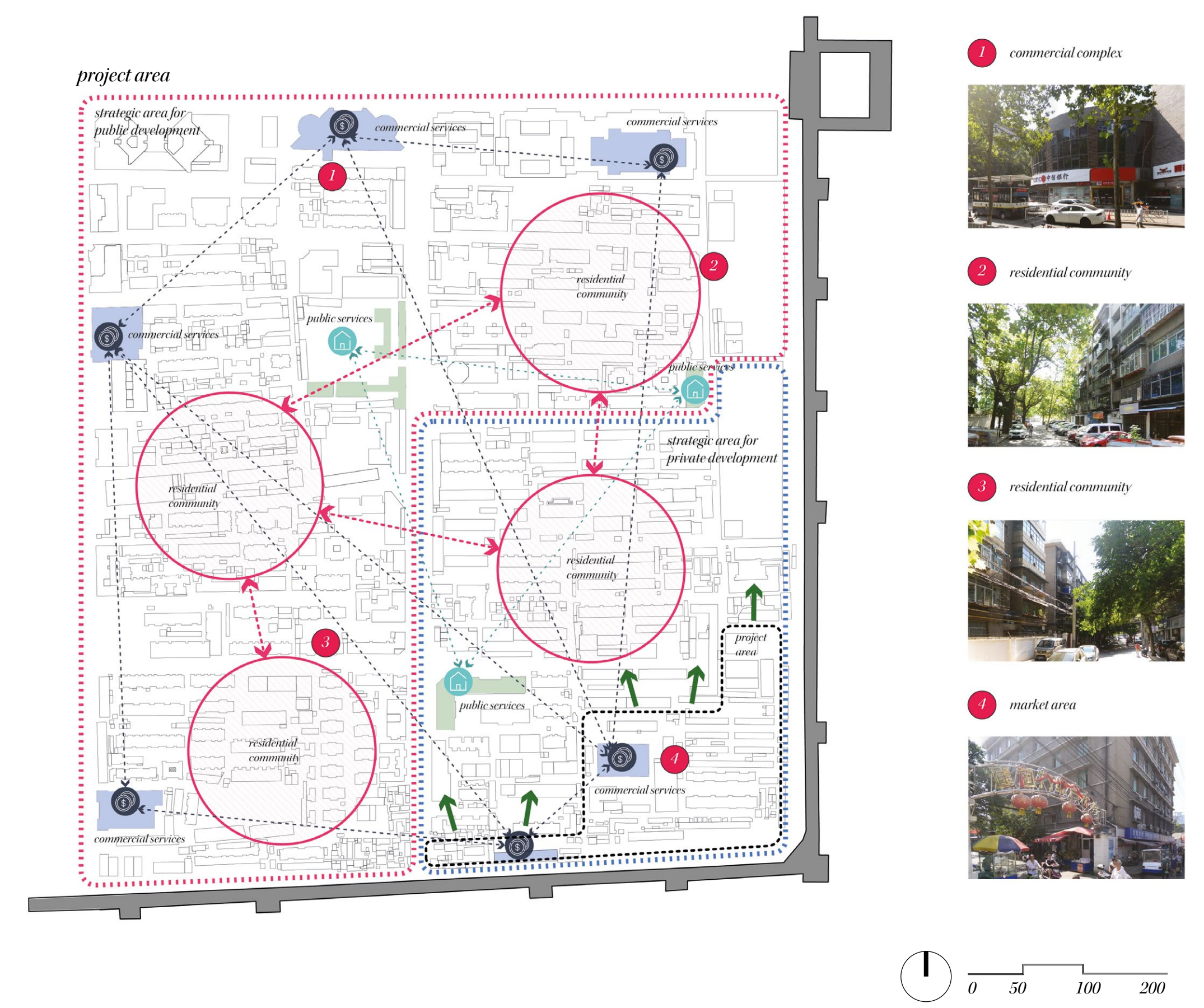
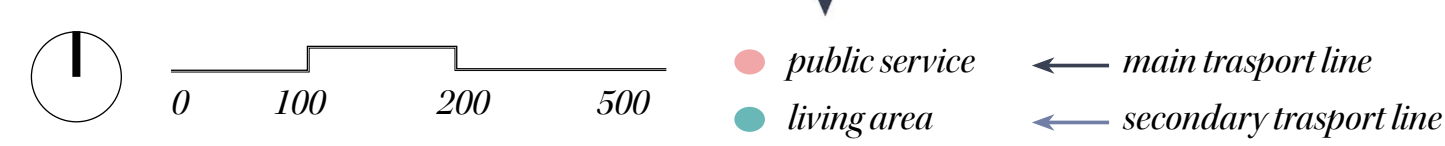
location of xian



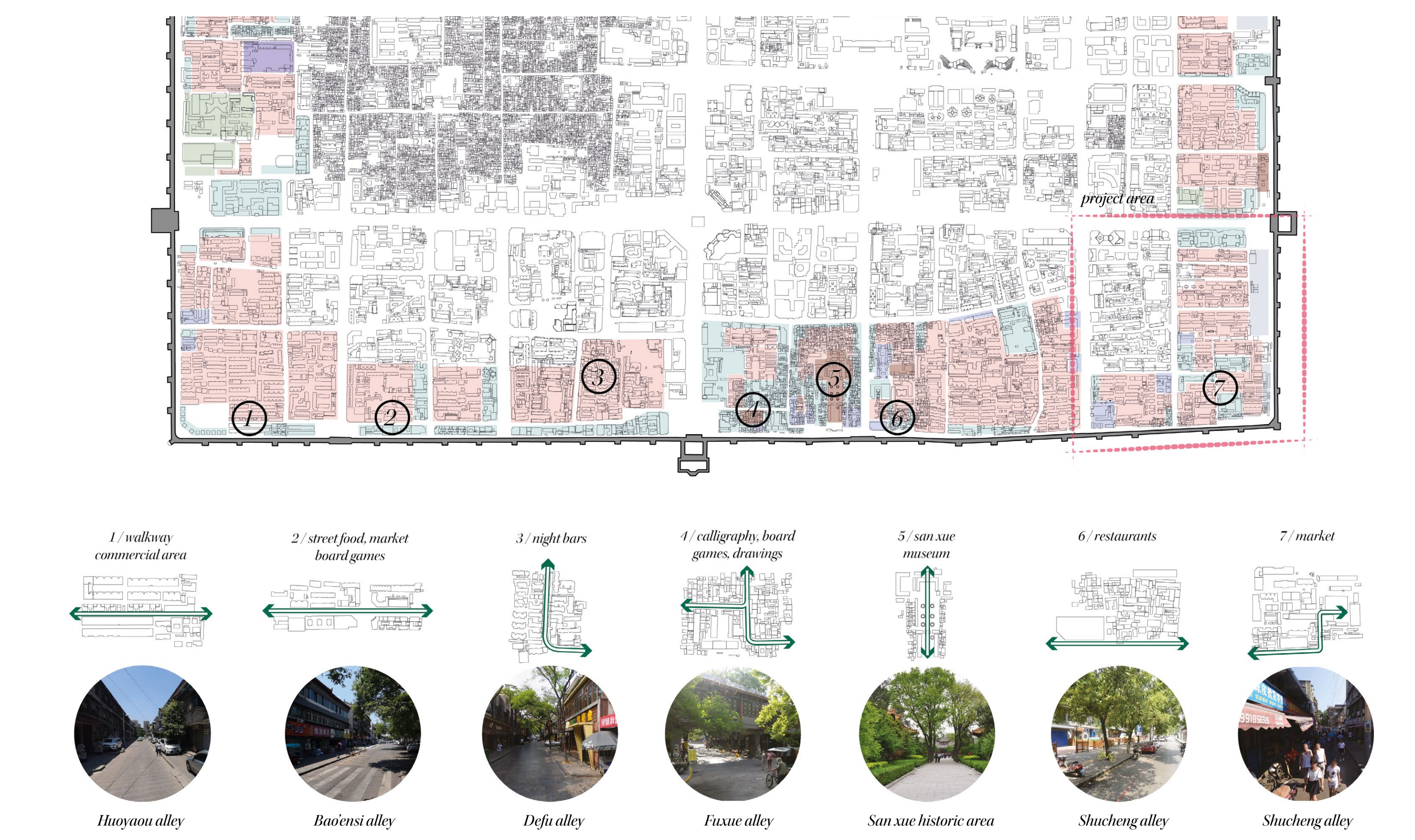
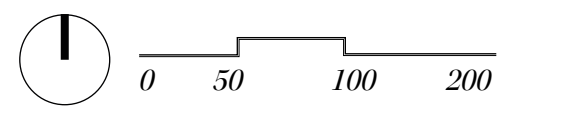
city structure composition



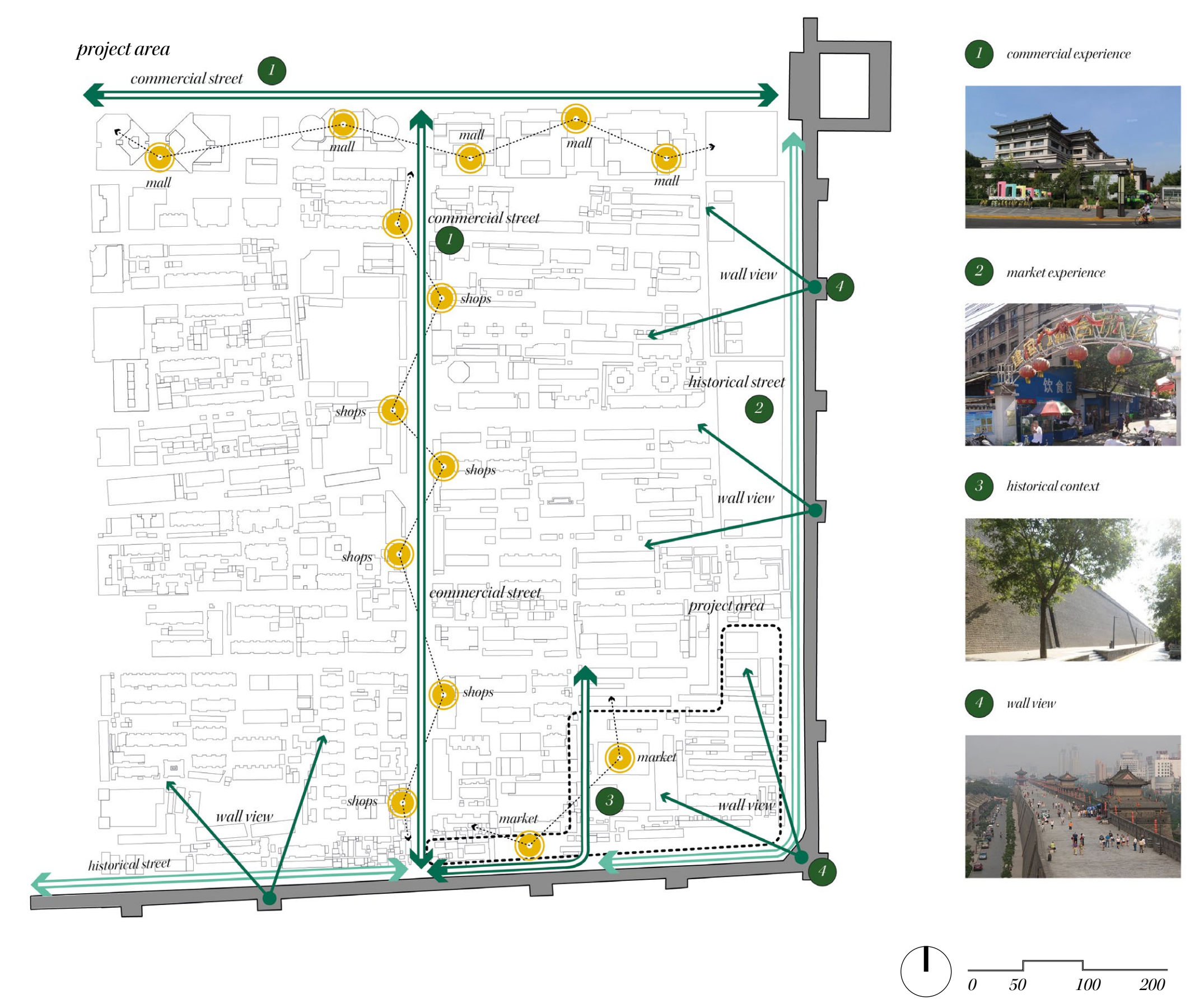
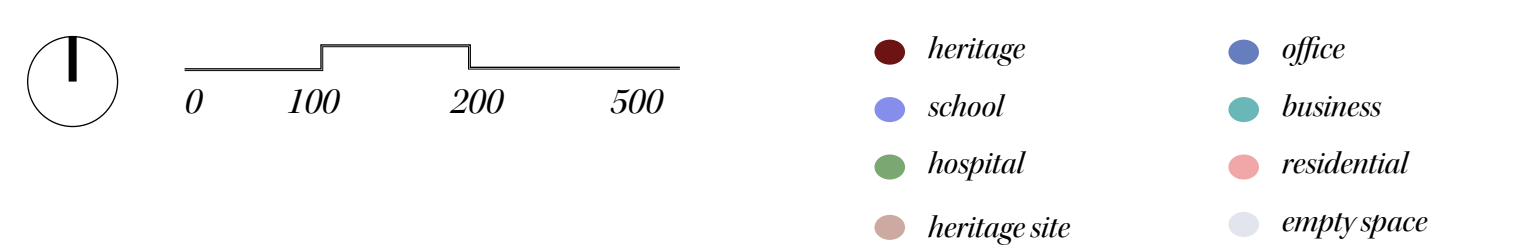
strategic functional planning by the public administration (2010) / image source: 木作工作室, Muzuo studio Xian university of architecture and technology



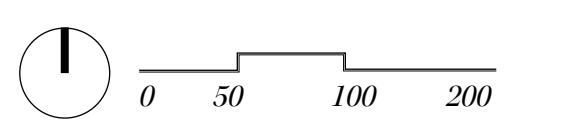
government planning and strategic relationship in the project area (2010) / image source: 木作工作室, Muzuo studio Xian university of architecture and technology



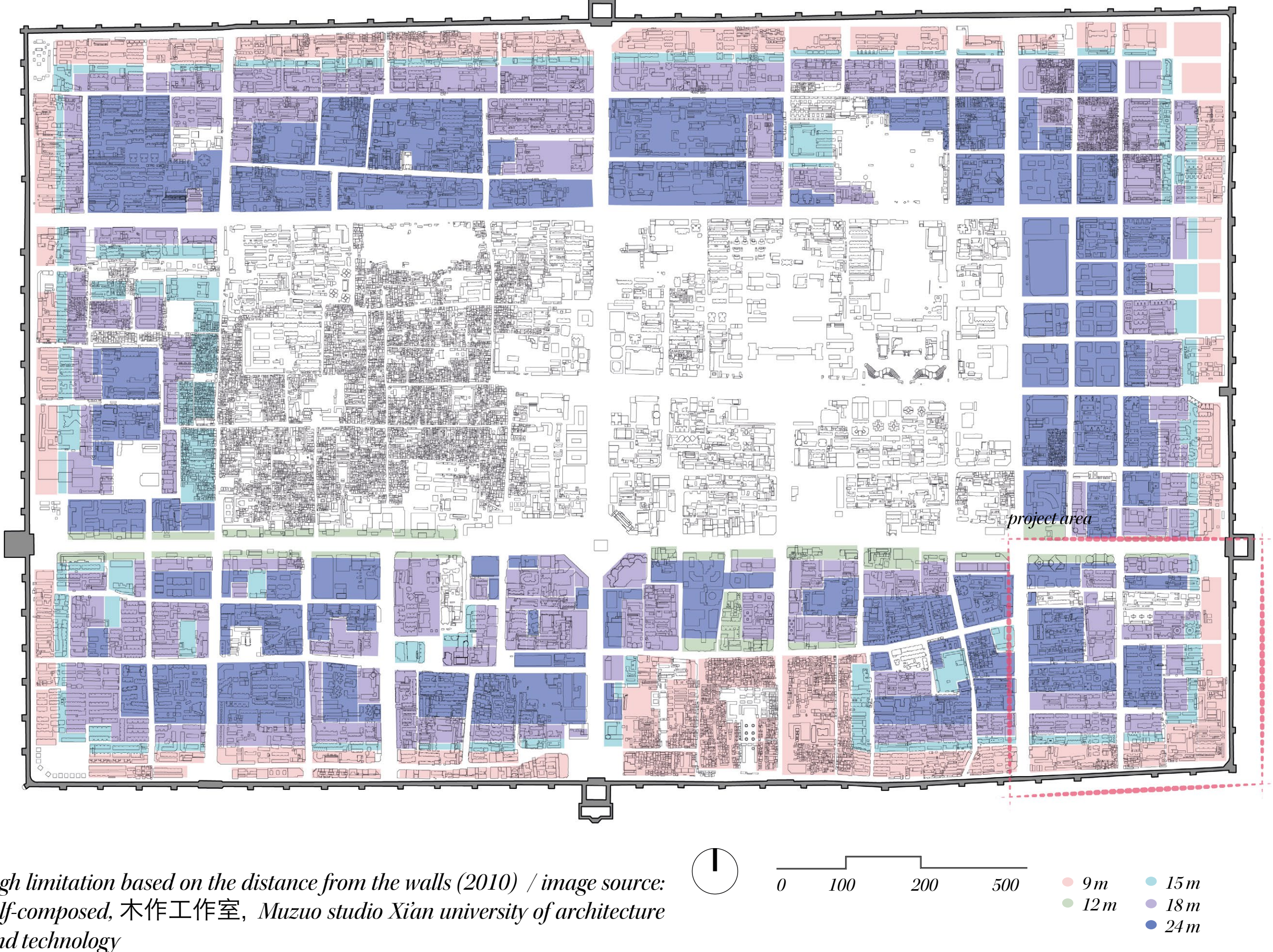
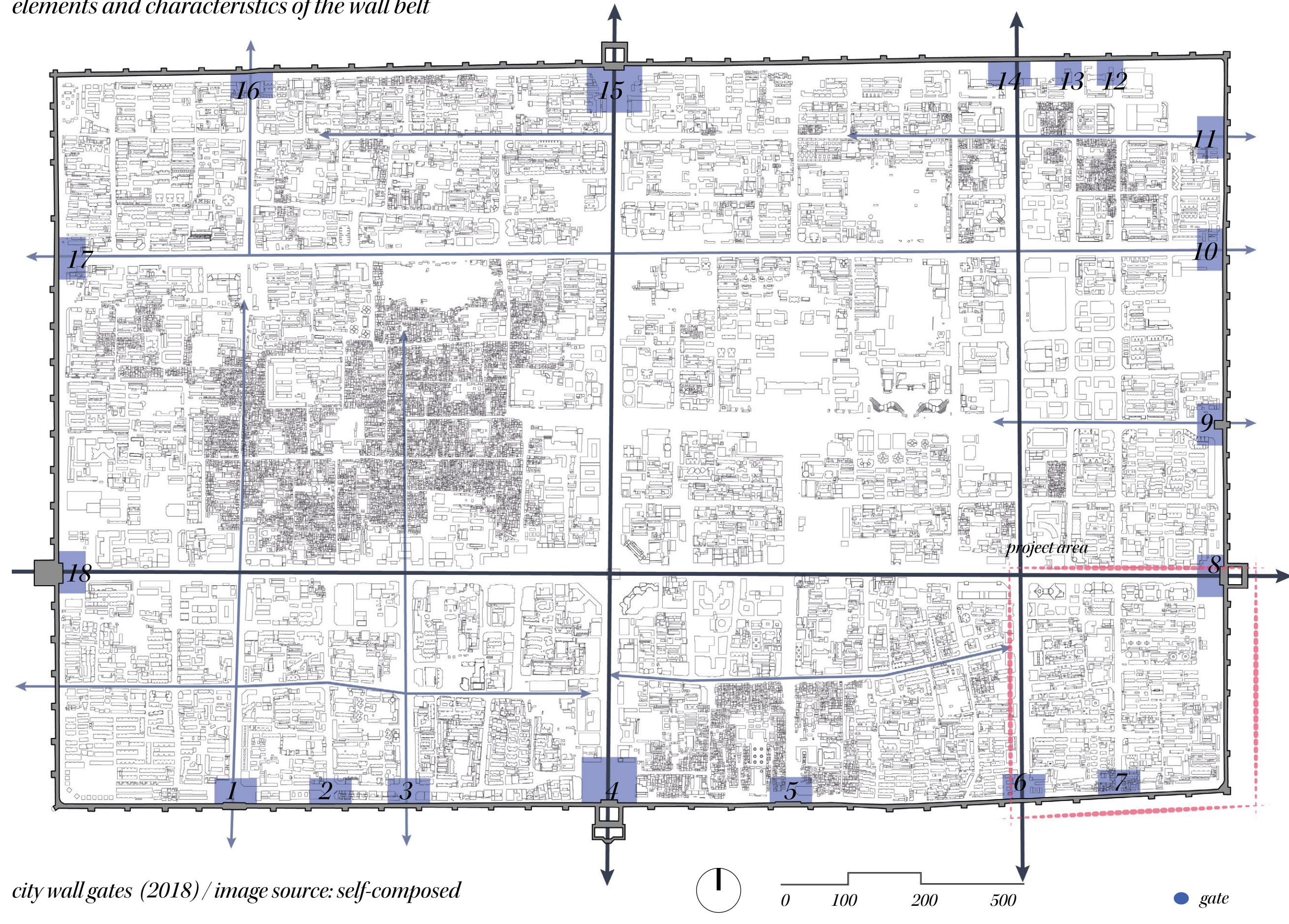
experiences and functions along the city walls image source (2017): 木作工作室, Muzuo studio Xian university of architecture and technology



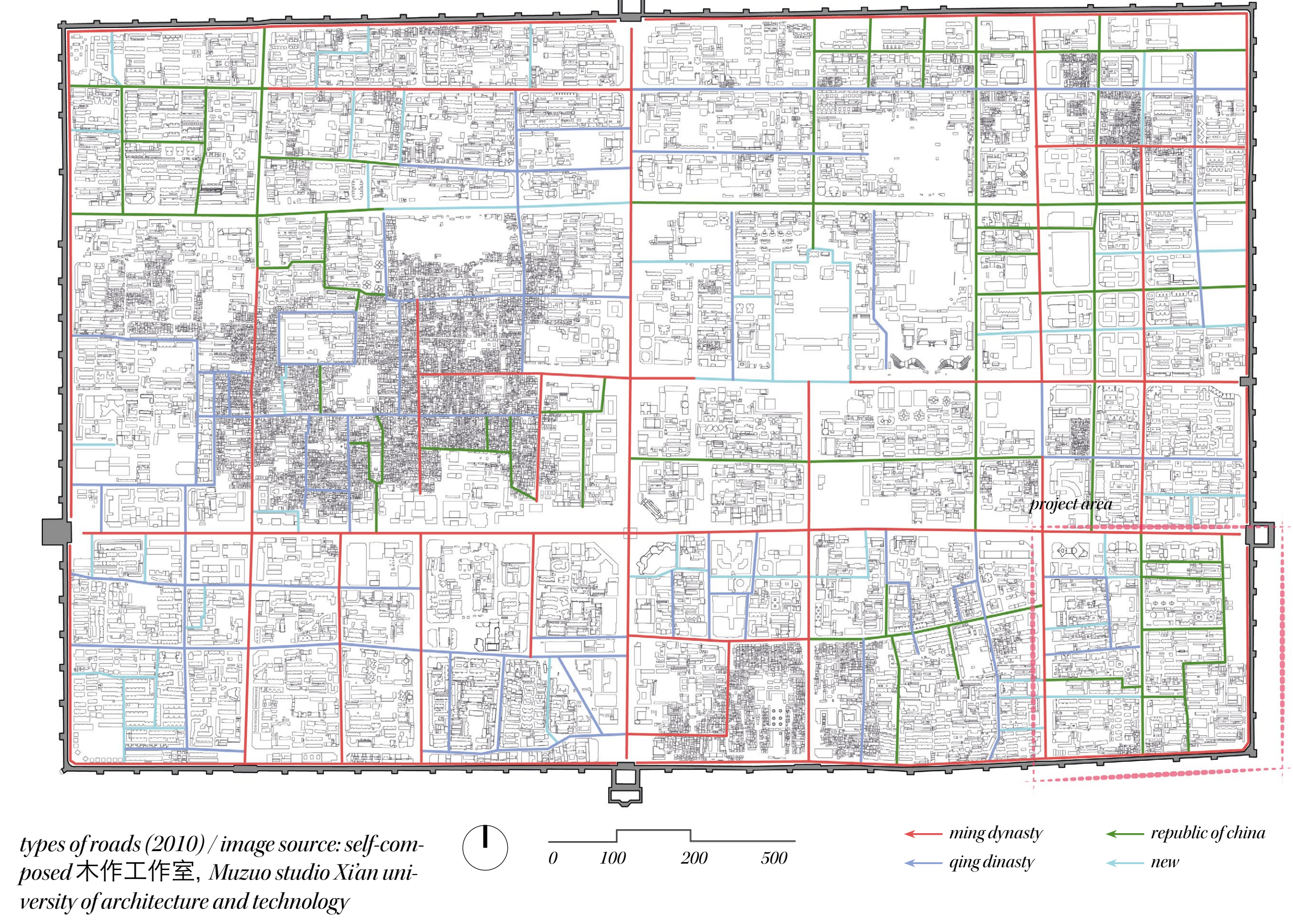
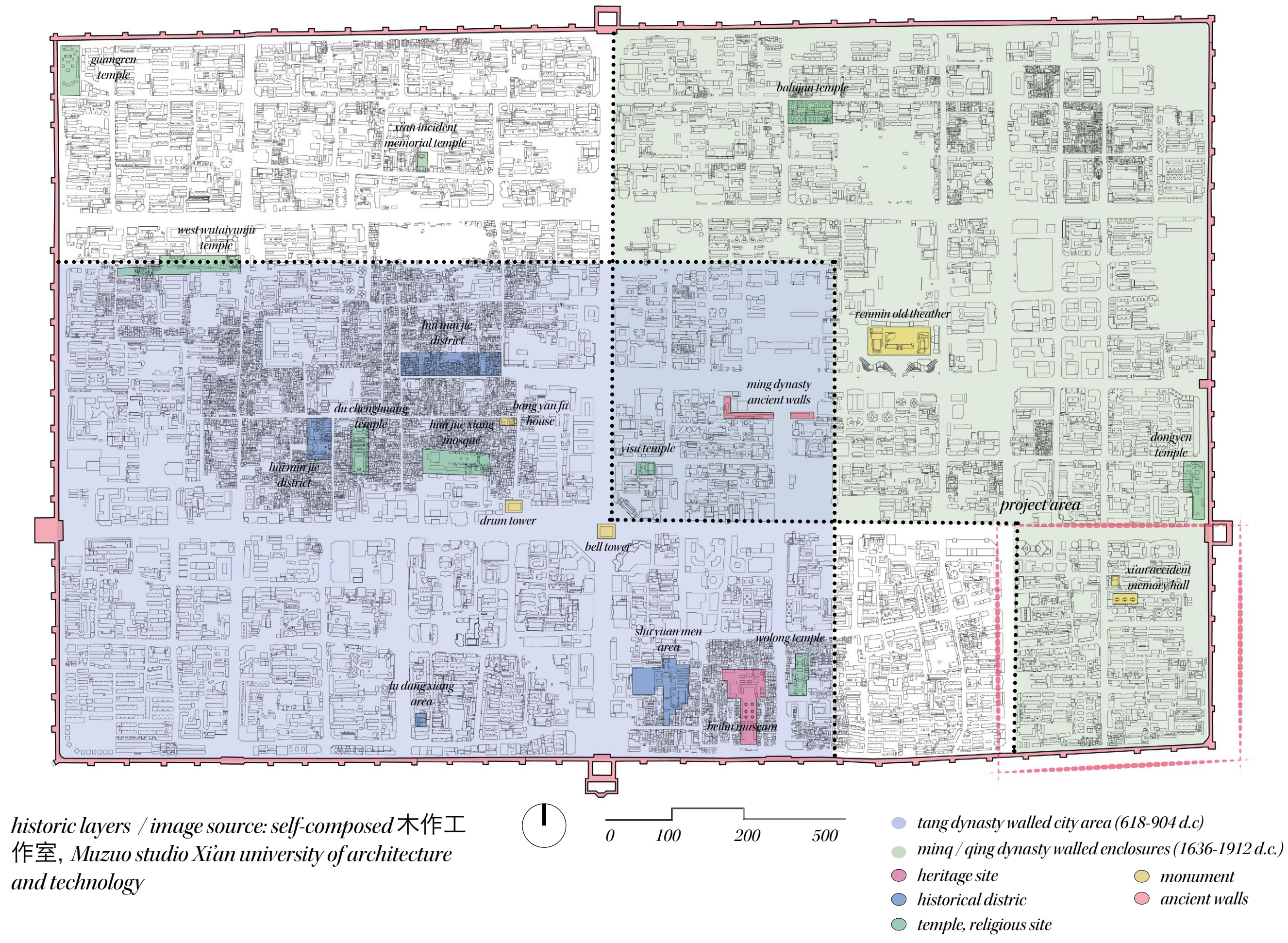
potential experiences and relationships in the project area (2017) / image source: 木作工作室, Muzuo studio Xian university of architecture and technology



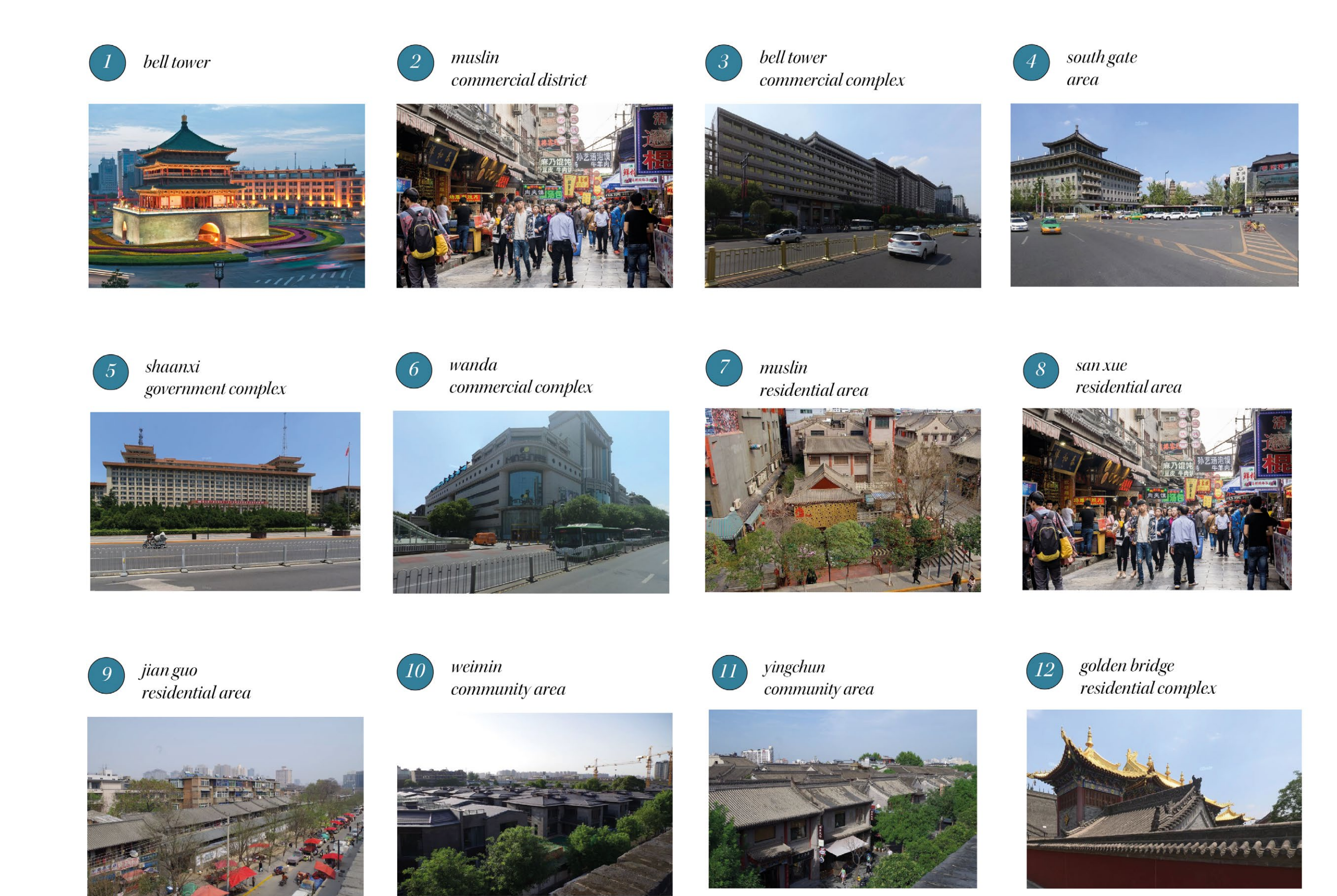
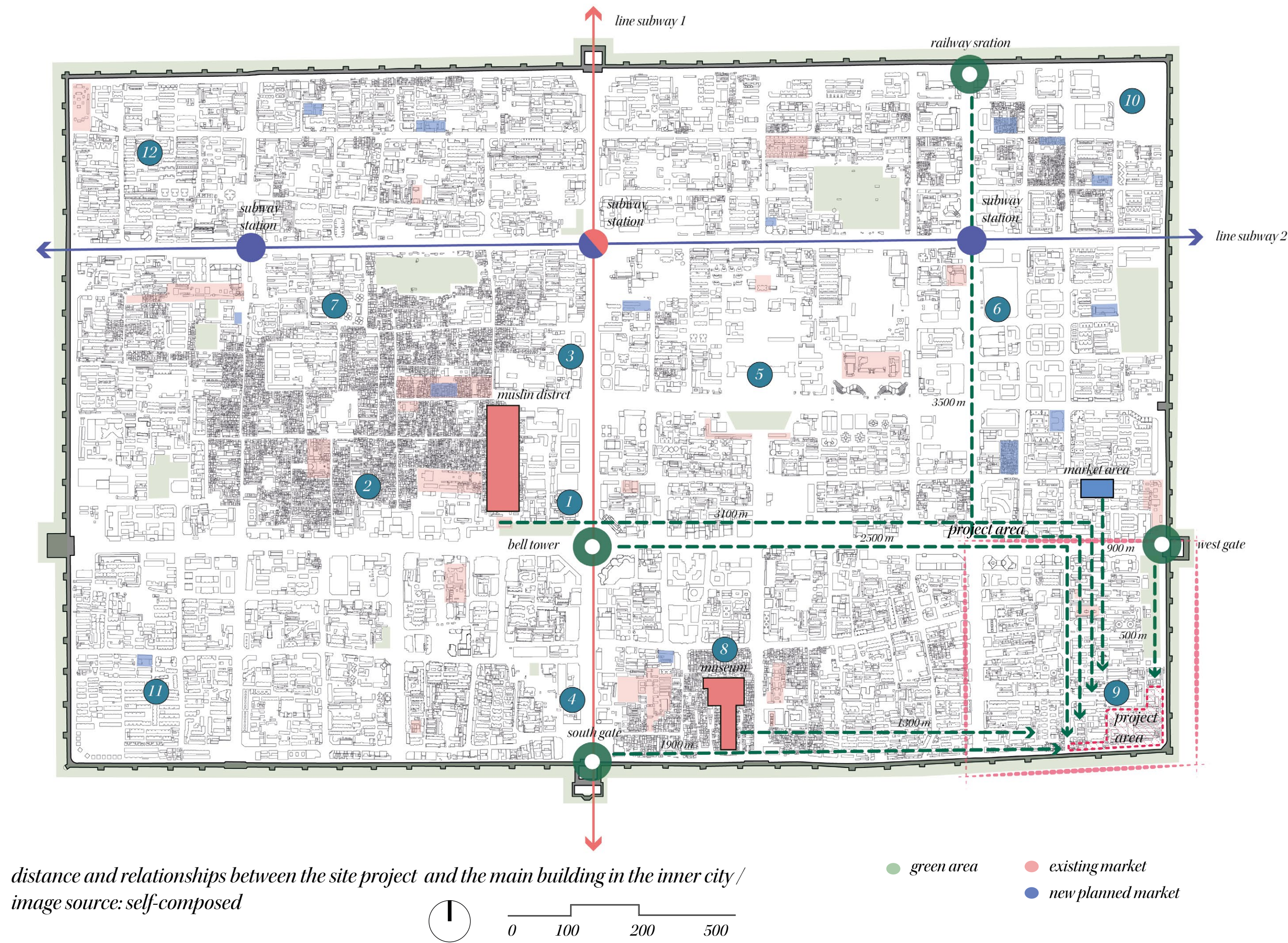
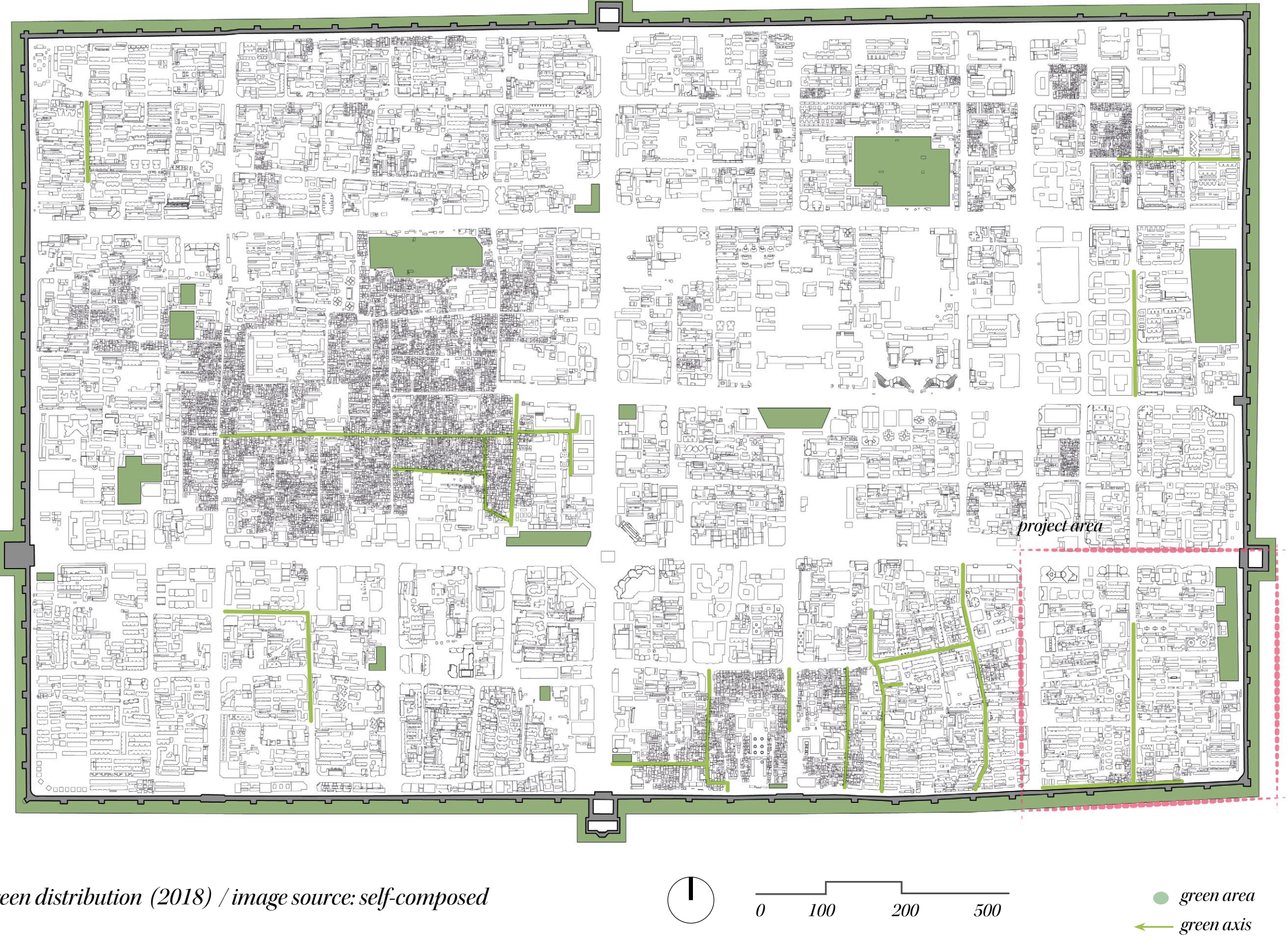
elements and characteristics of the wall belt



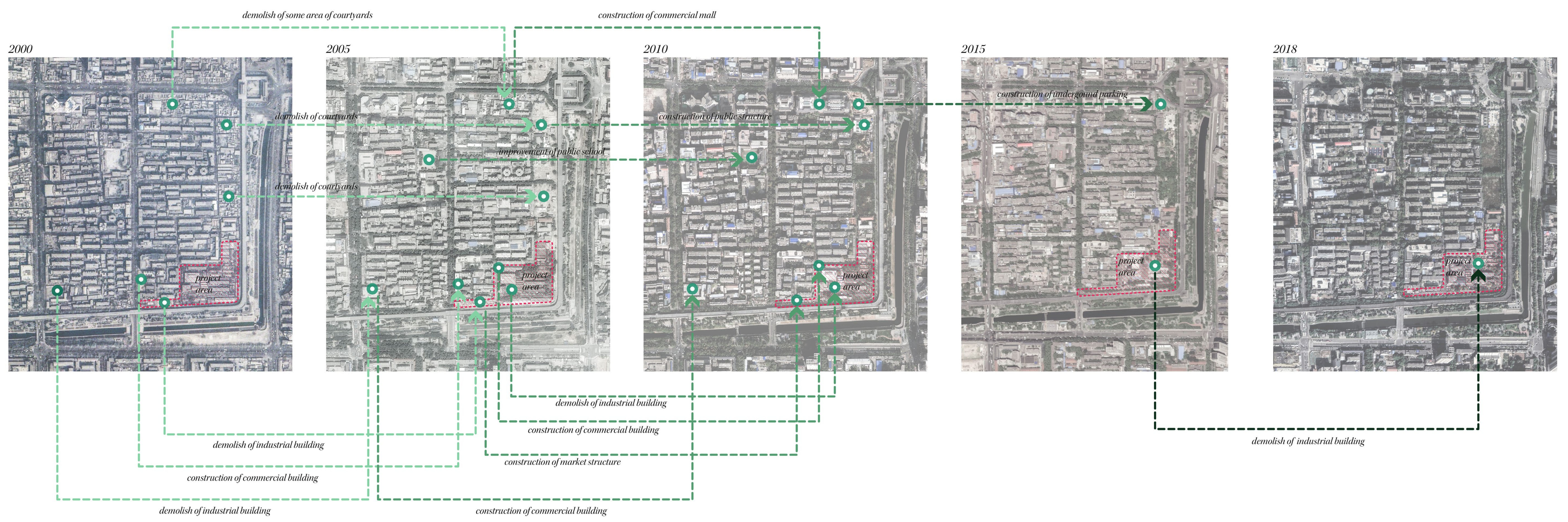
historical elements of the inner city



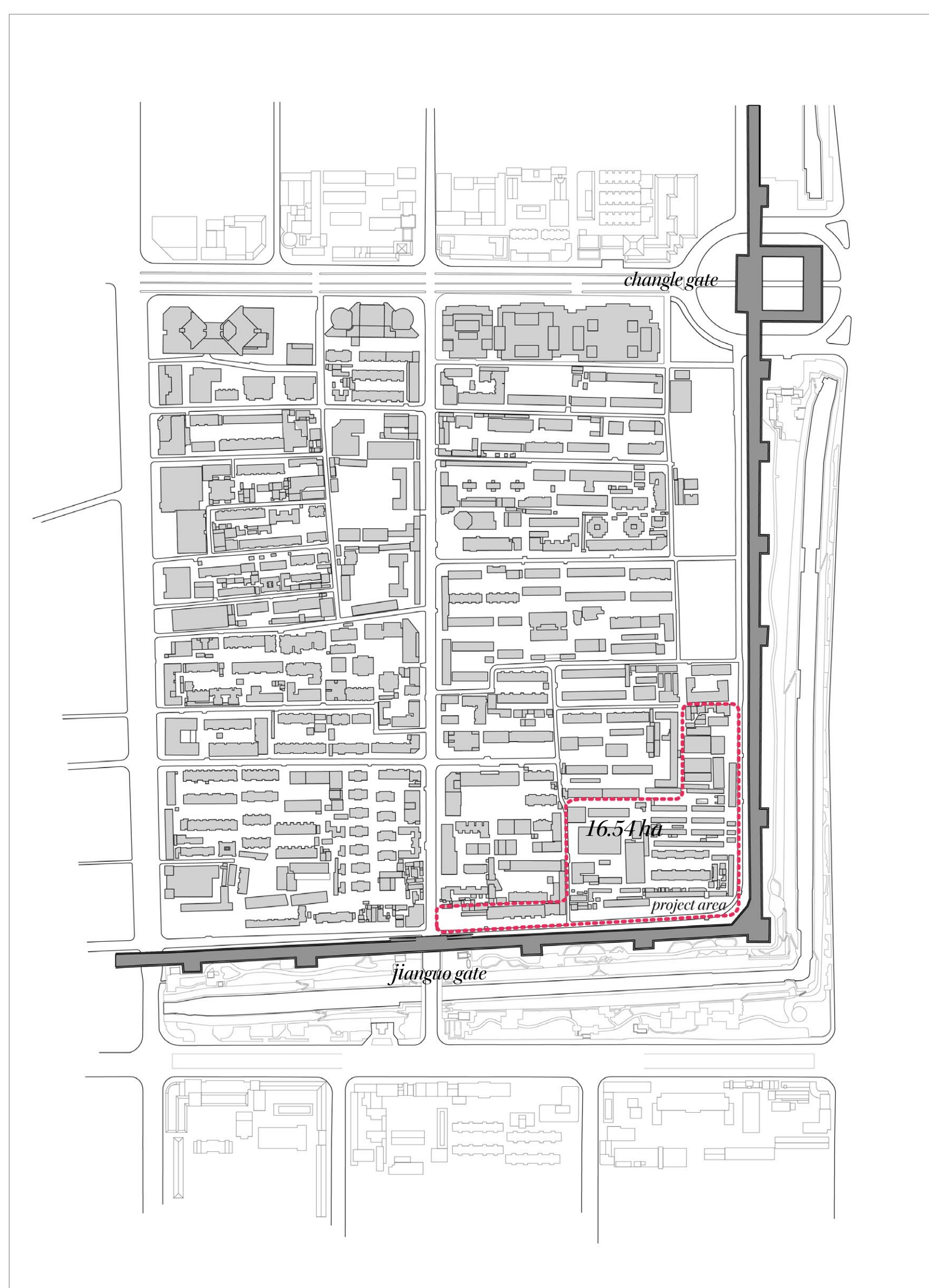
local markets and green area in the inner city



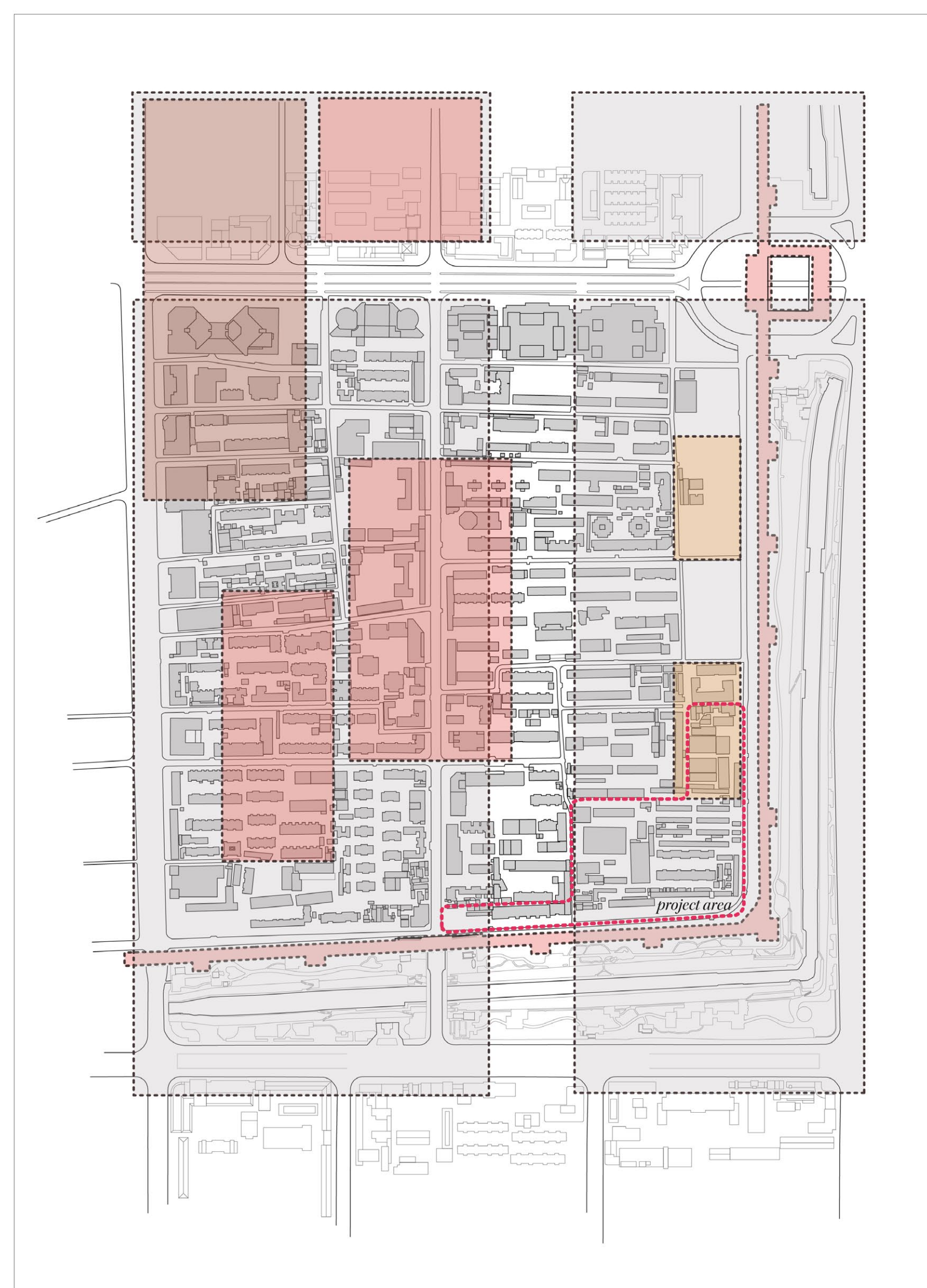
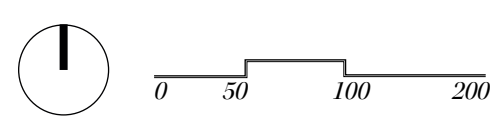
views of the main residential, commercial and culture / image source: self-composed area



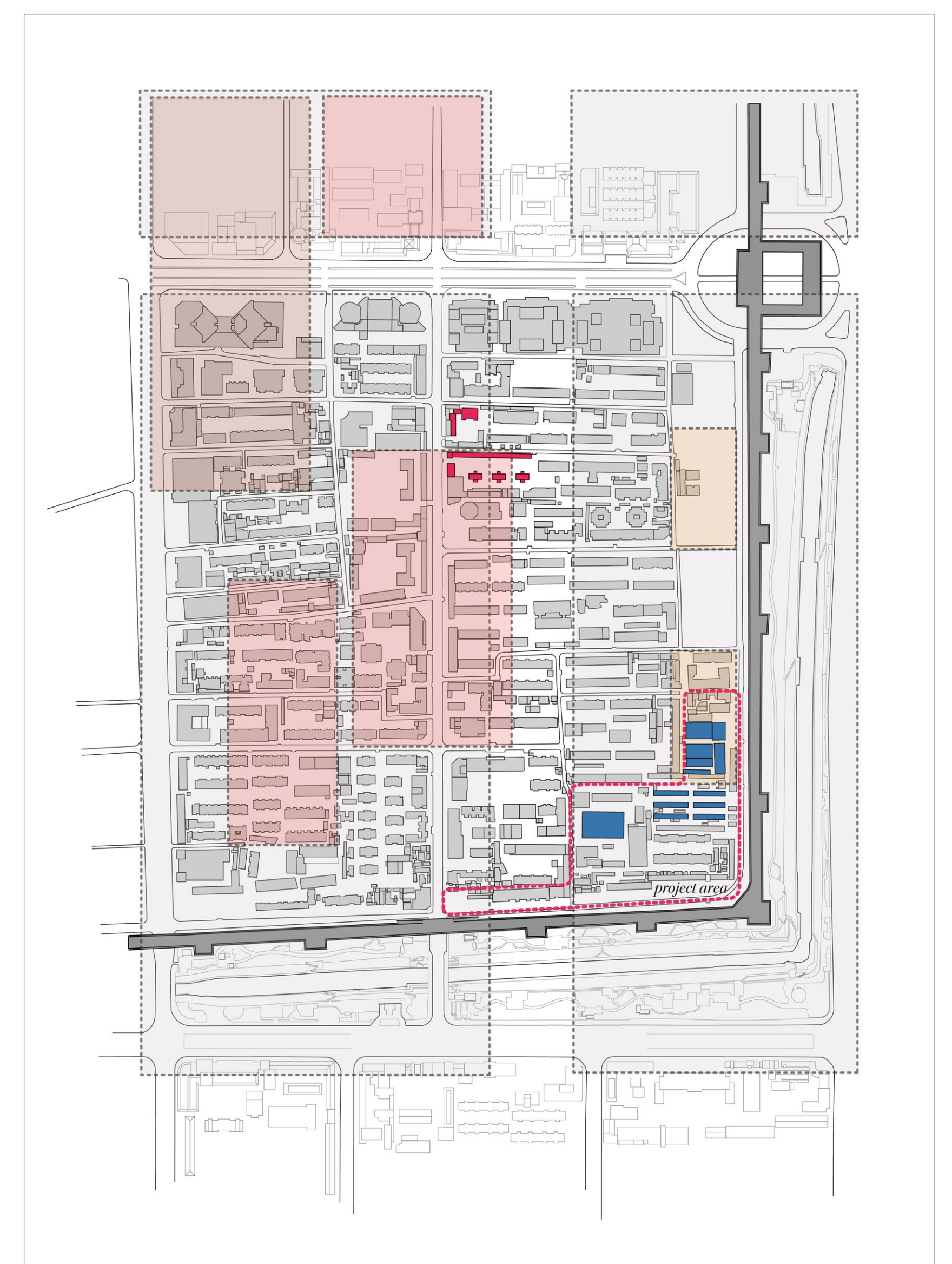
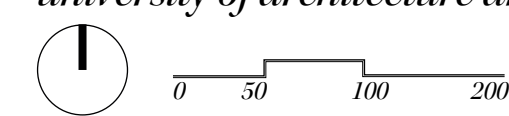
temporal site variation/ image source: self-composed



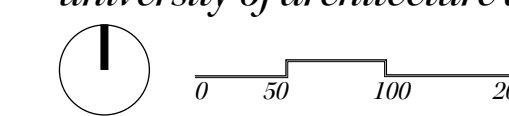
urban context and project area/
image source: self-composed



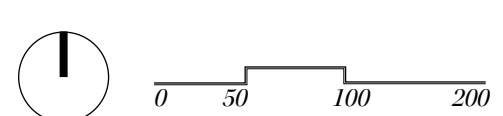
overlap of historic layers of dynasties/
image source: self-composed, 木作工作室, Muzuo studio Xian
university of architecture and technology



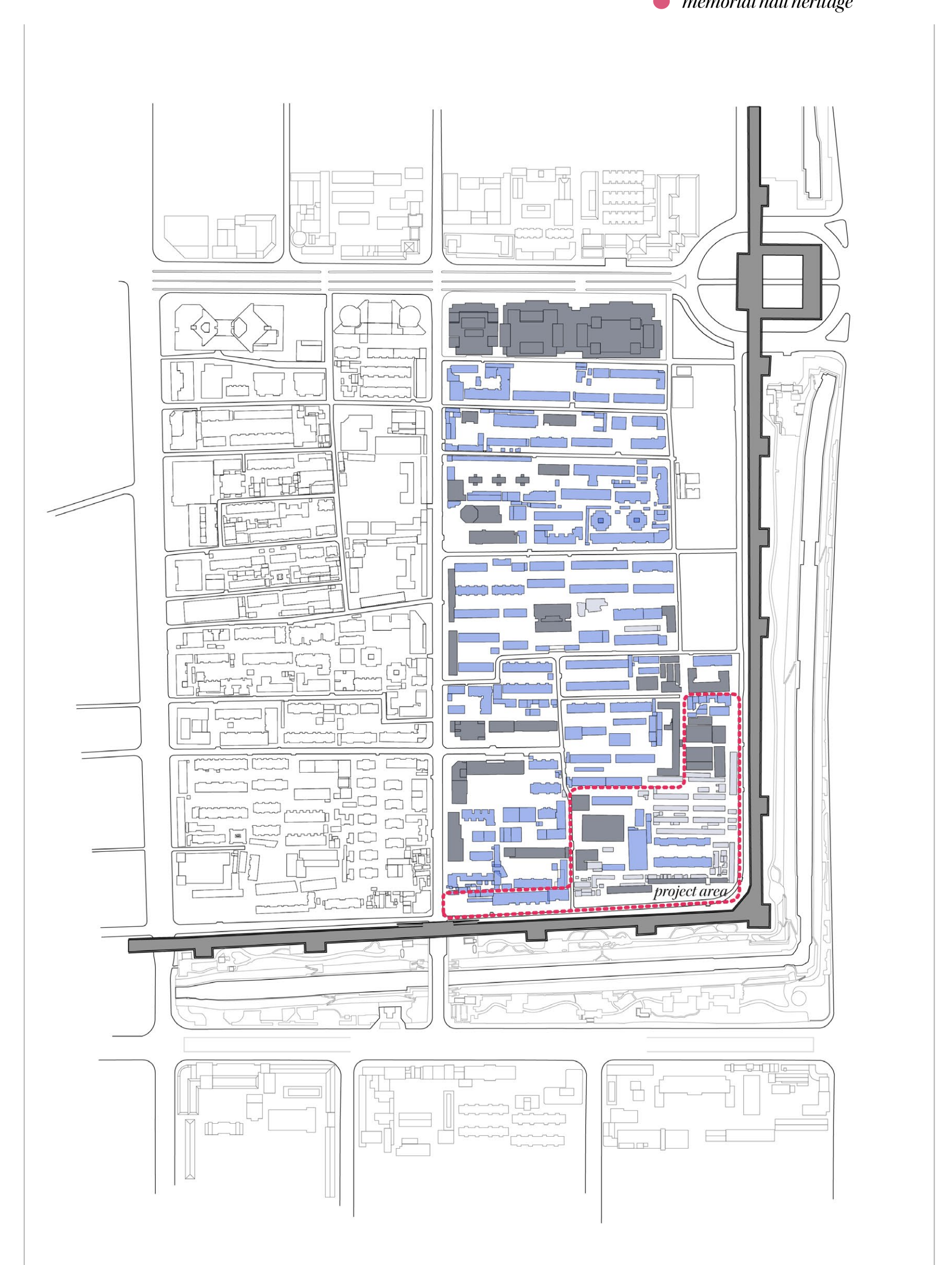
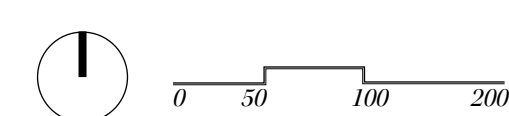
historic layers and heritages/
image source: self-composed, 木作工作室, Muzuo studio Xian
university of architecture and technology



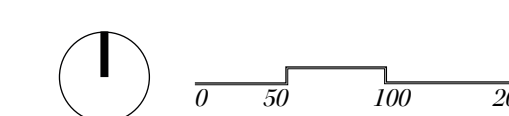
functions distribution/
image source: self-composed



quality of buildings/
image source: self-composed

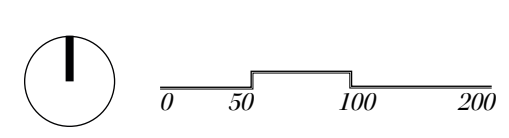


buildings material/
image source: self-composed

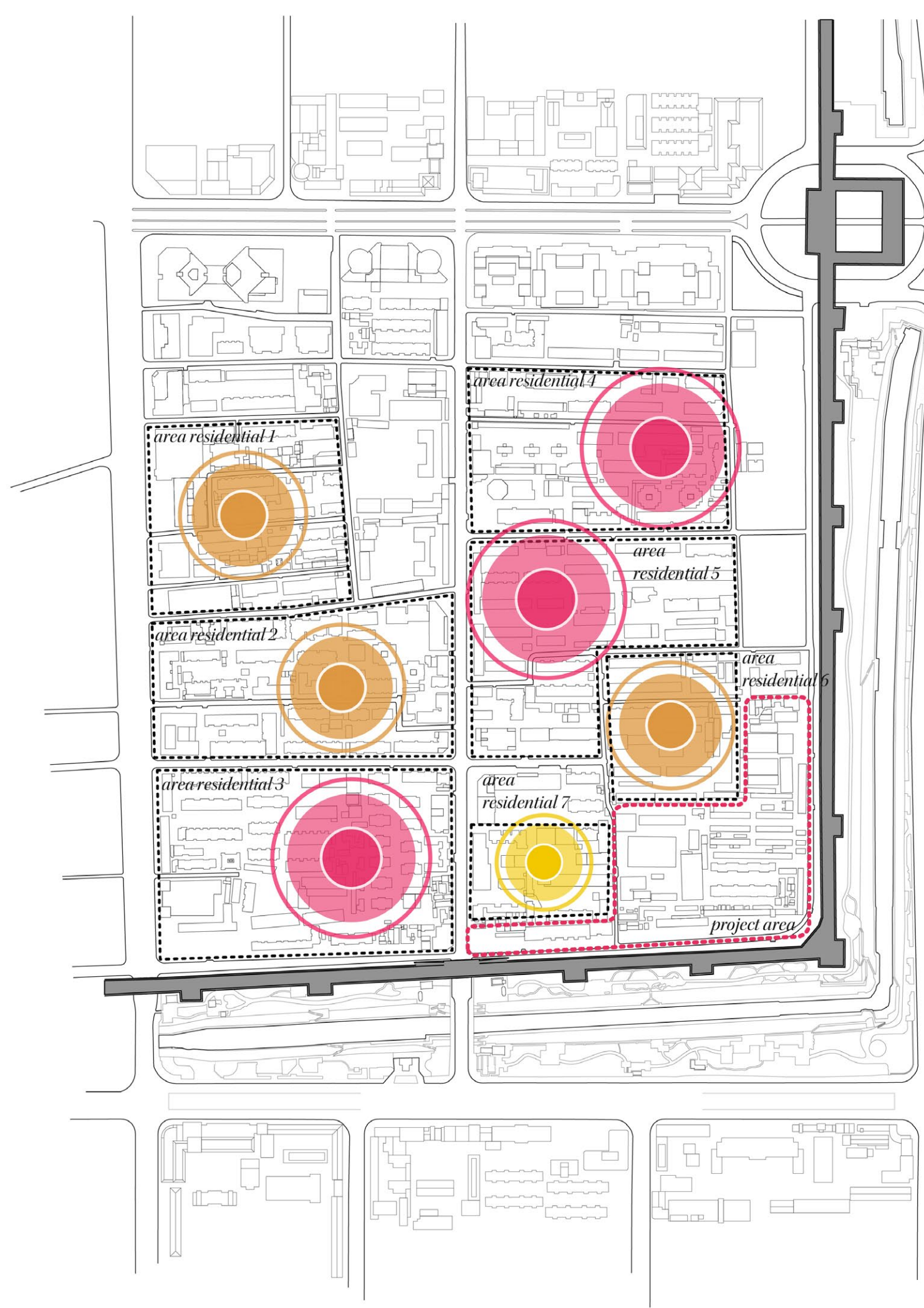




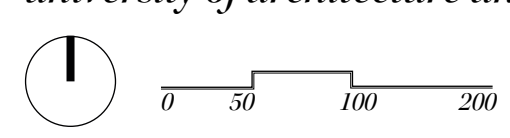
number of floors/
image source: self-composed



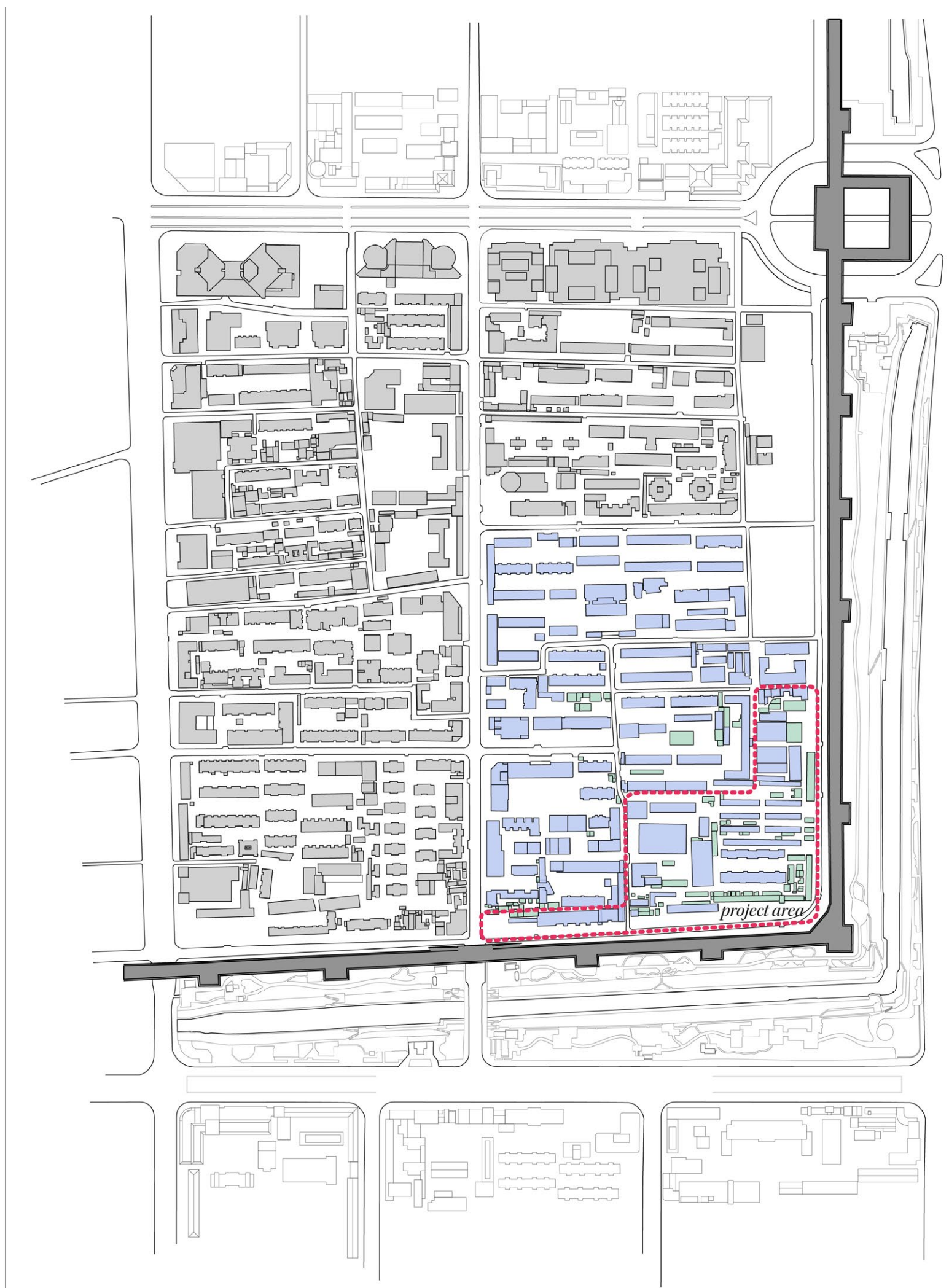
- 1f
- 2f
- 3f
- 4f
- 5f
- 6f
- 7f
- 8f
- 9f
- 10f



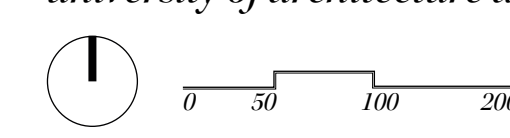
density of apartments in residential community/
image source: self-composed, 木作工作室, Muzuo studio Xian
university of architecture and technology



- <200 apartments
- <100 apartments
- <50 apartments



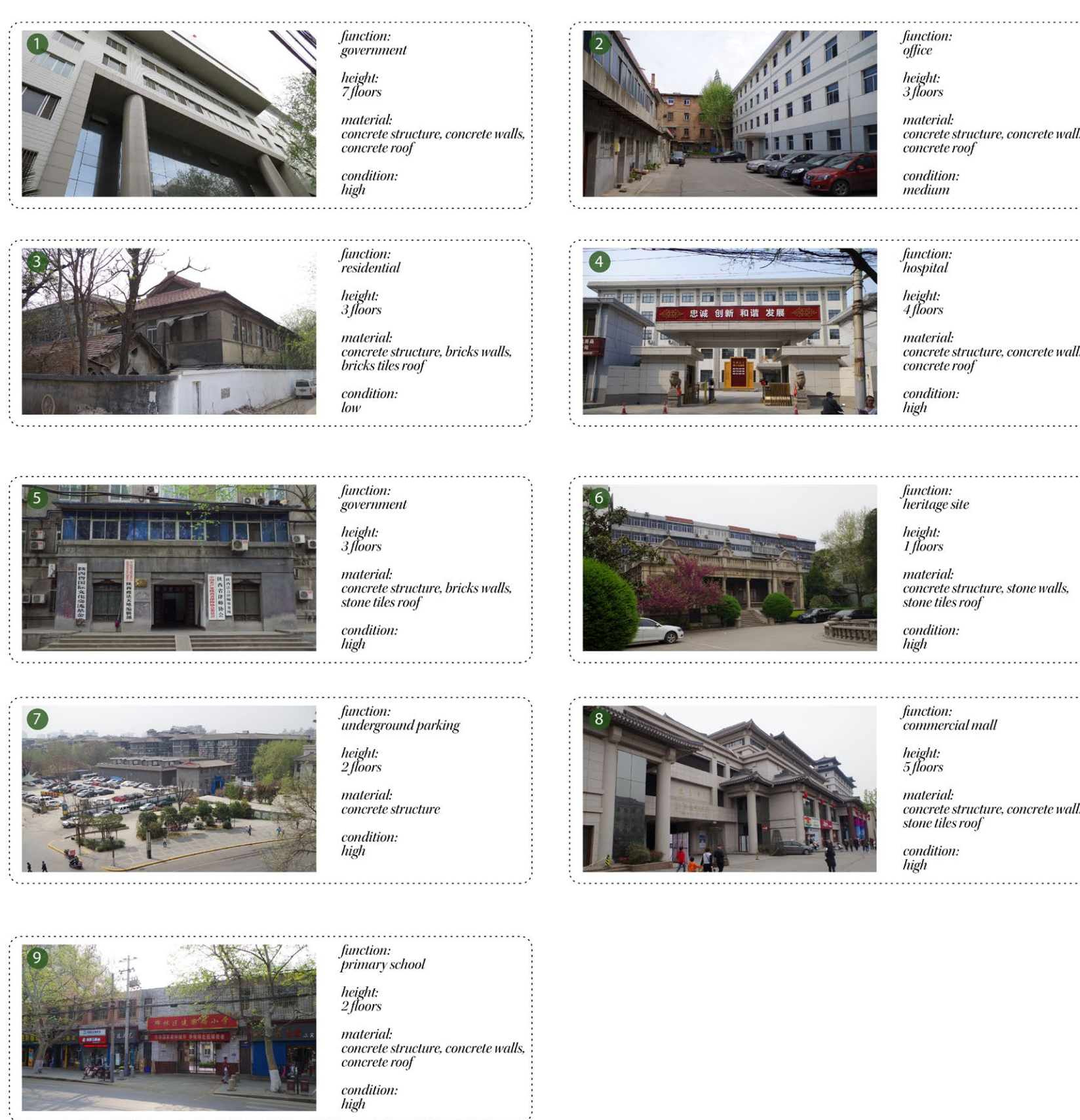
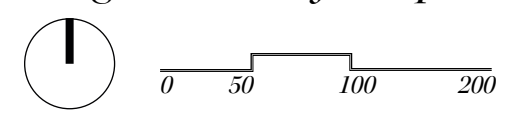
building typology/
image source: self-composed, 木作工作室, Muzuo studio Xian
university of architecture and technology



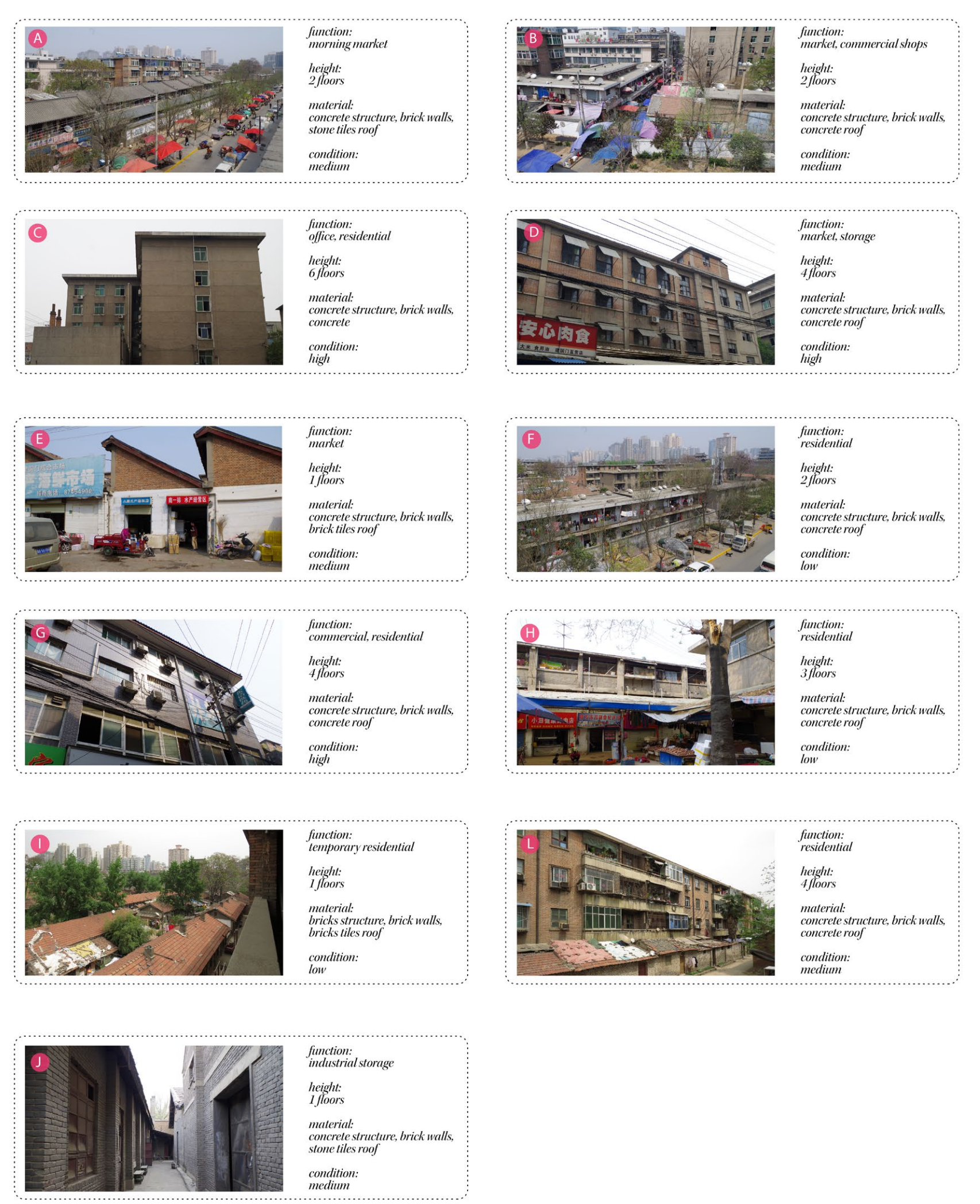
- constructed building
- auto constructed



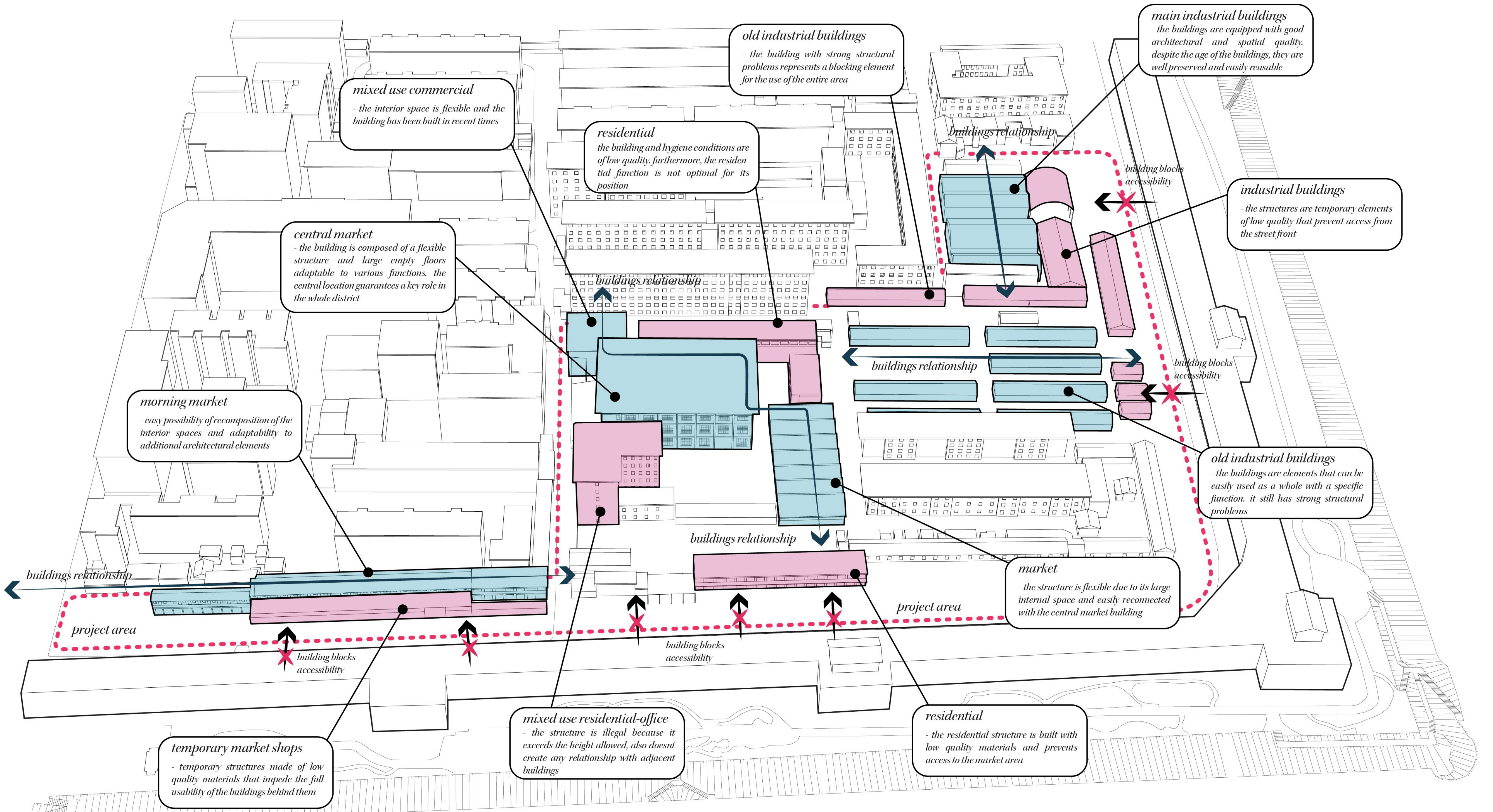
main buildings that define the characteristics of the area/
image source: self-composed



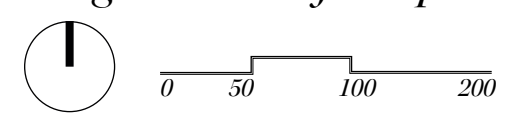
building typology outside the project area/
image source: self-composed



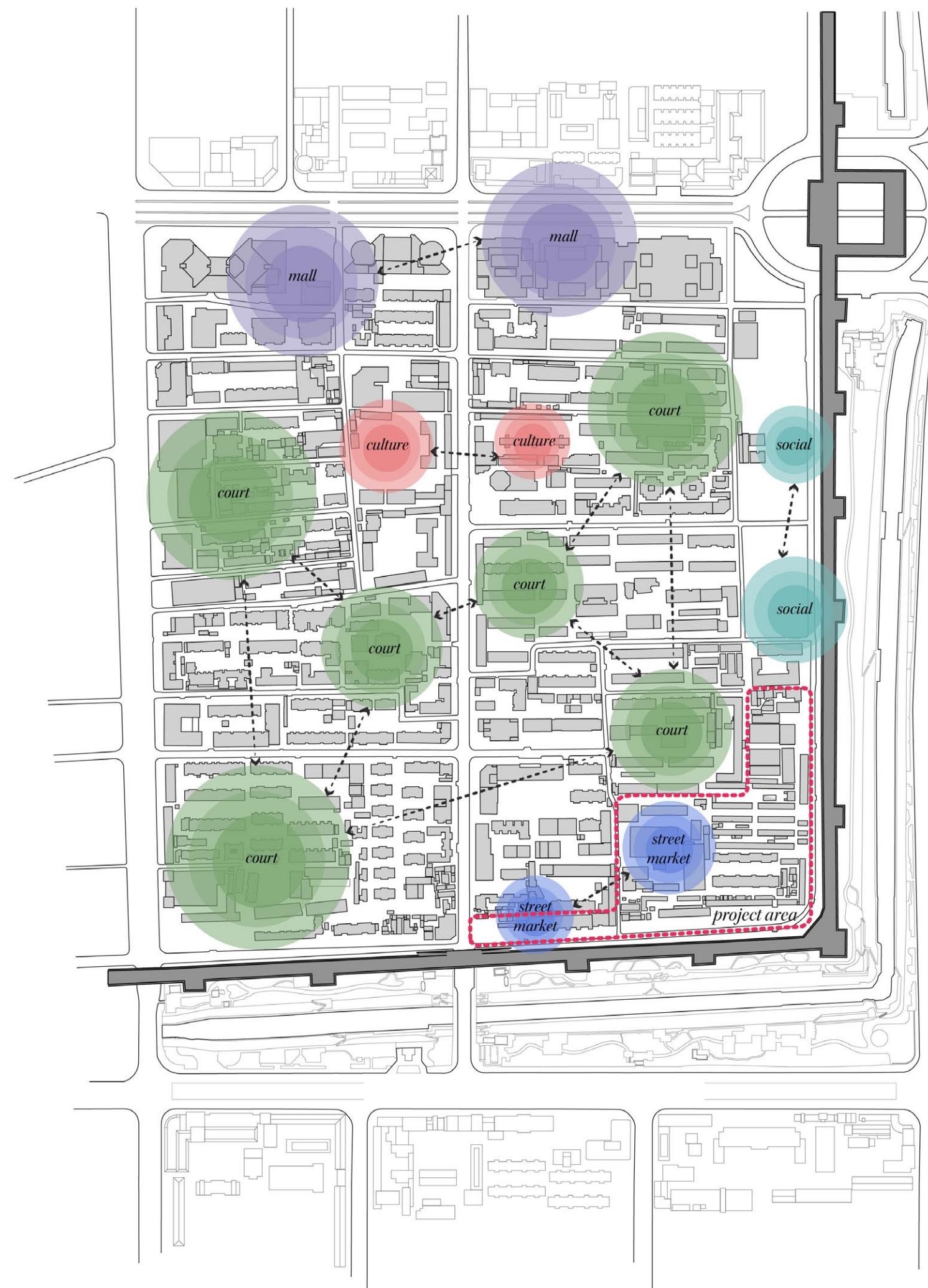
building typology inside the project area/
image source: self-composed



strategic analysis for the urban composition of the project/
image source: self-composed

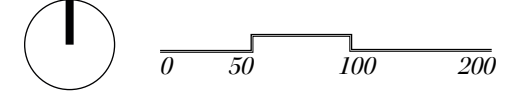


- demolish building proposal
- conservation building proposal



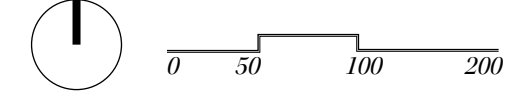
life activities/
image source: self-composed

- mall
- court
- culture
- social
- street market
- market



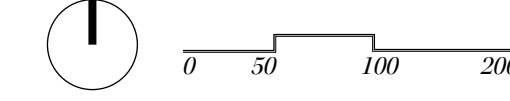
types of public area/
image source: self-composed

- meeting
- toilet
- fitness
- garden



green distribution/
image source: self-composed

- tree



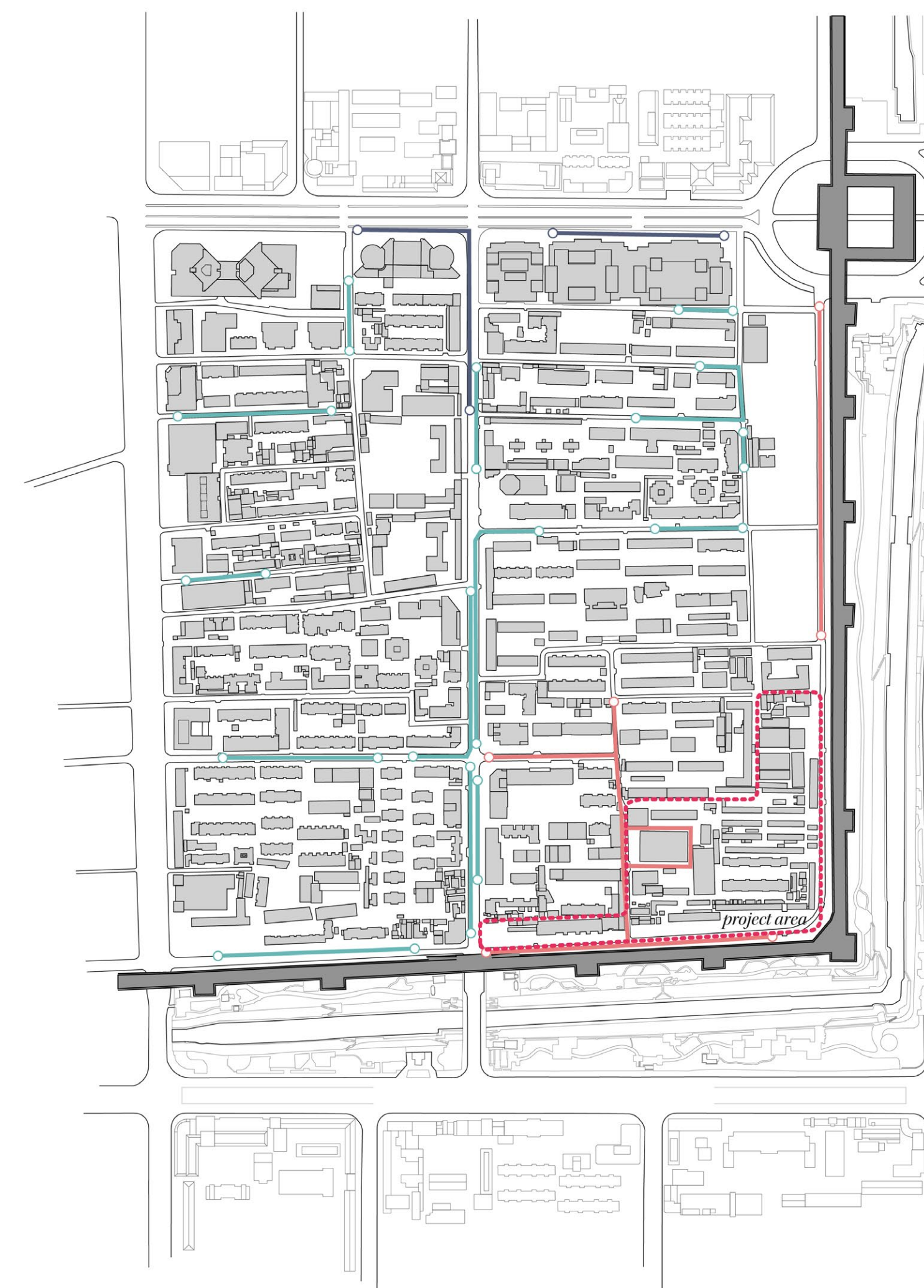
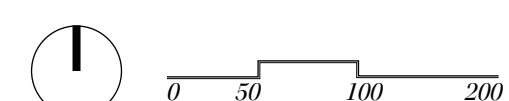
inner courtyards flow and accesses/
image source: self-composed

- courtyard boundary
- internal flow



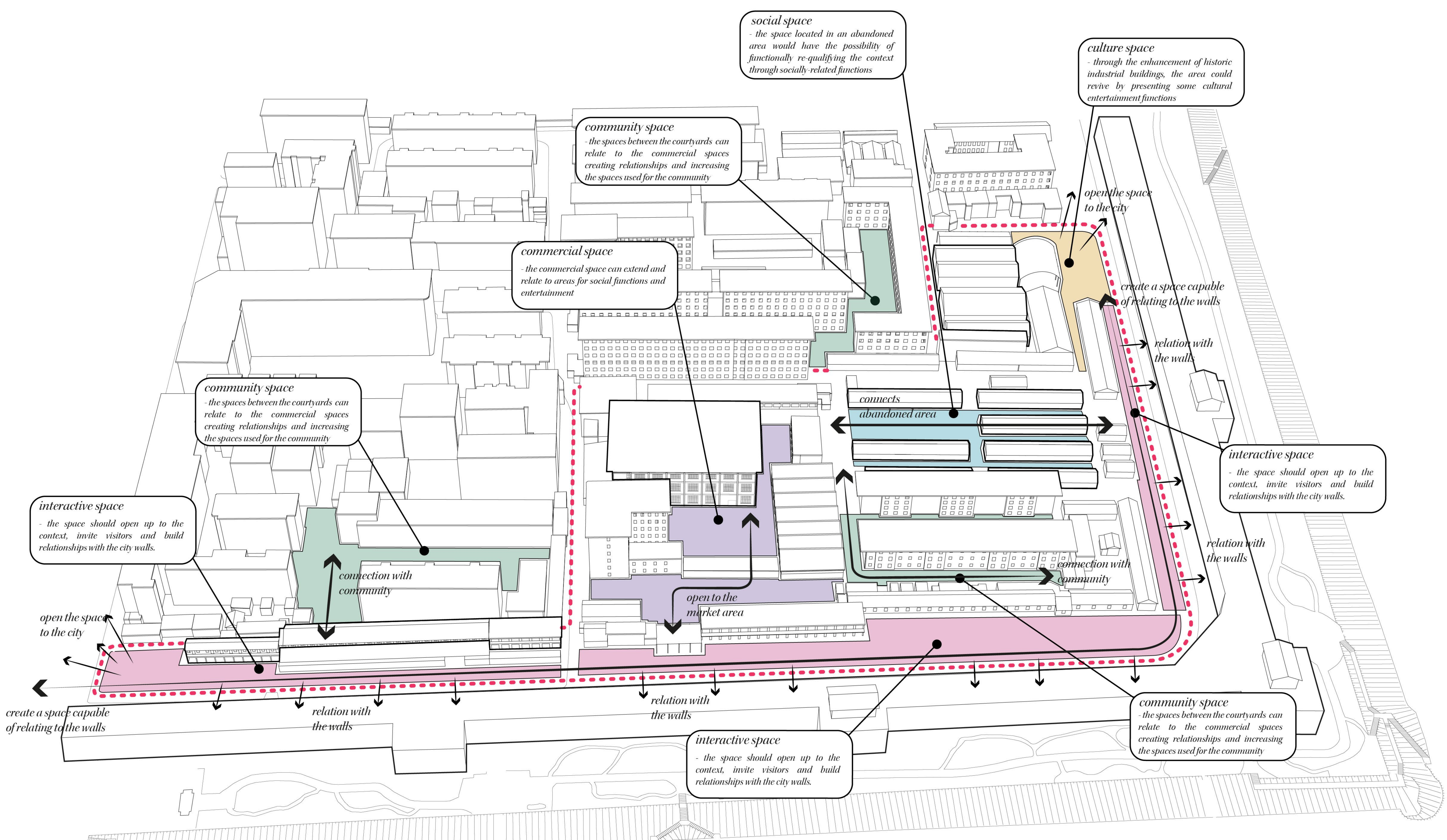
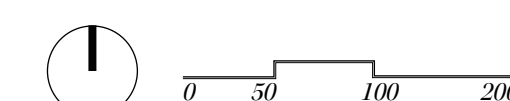
area of inner courtyards/
image source: self-composed

- community space



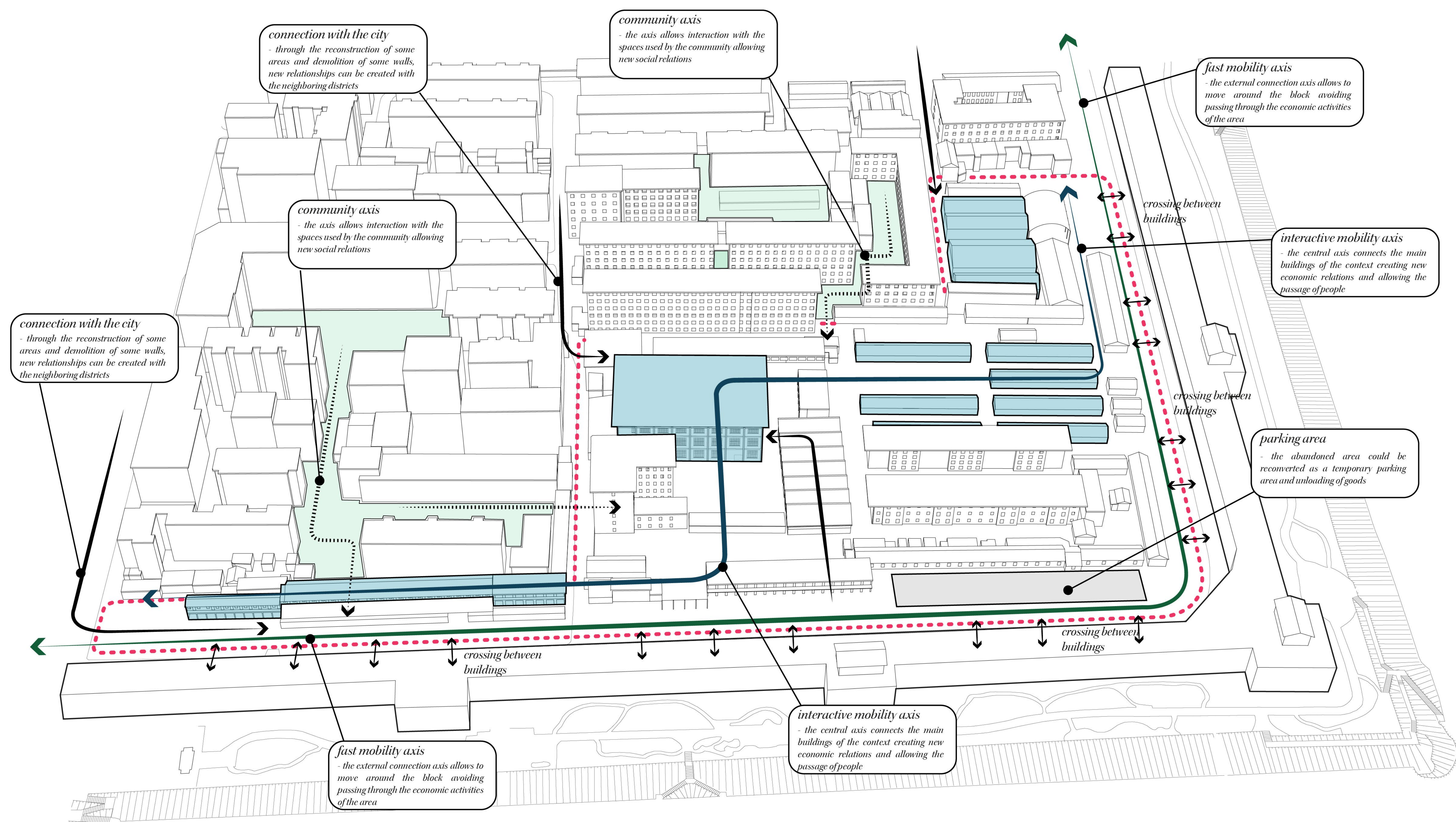
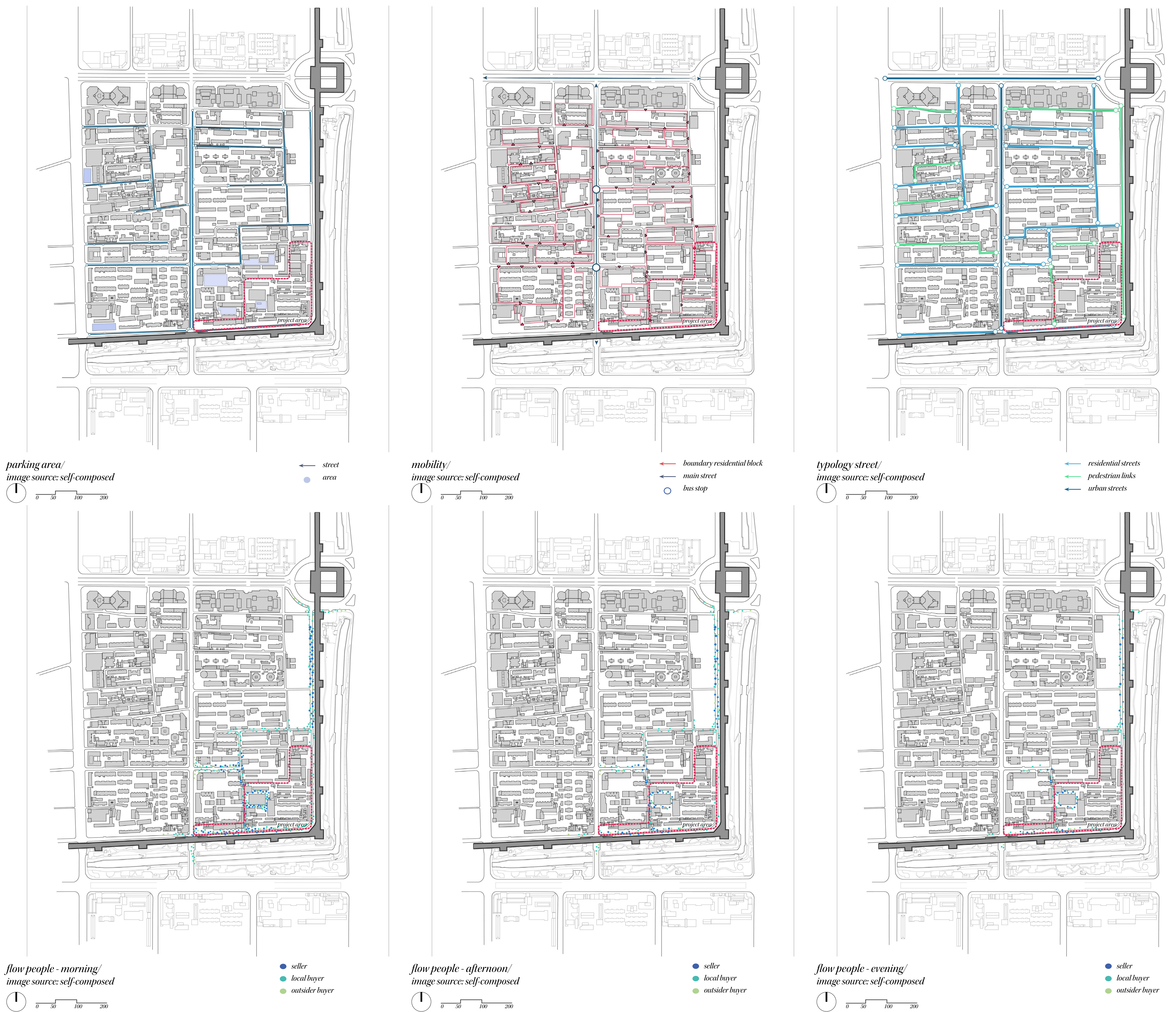
commercial typology/
image source: self-composed

- street
- shop
- mall



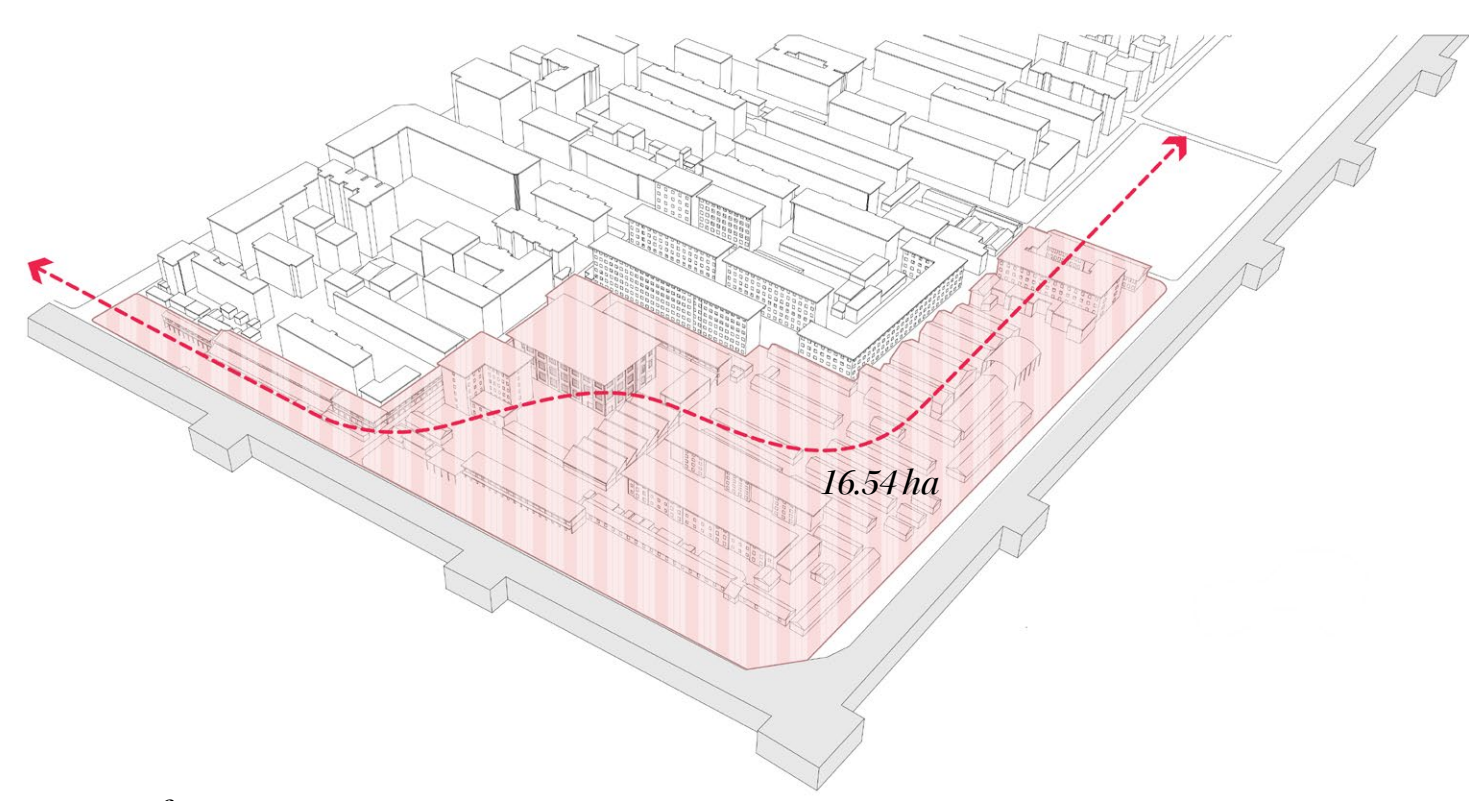
strategic analysis for the public spaces of the project/
image source: self-composed

- culture space
- commercial space
- interactive space
- community space
- social space

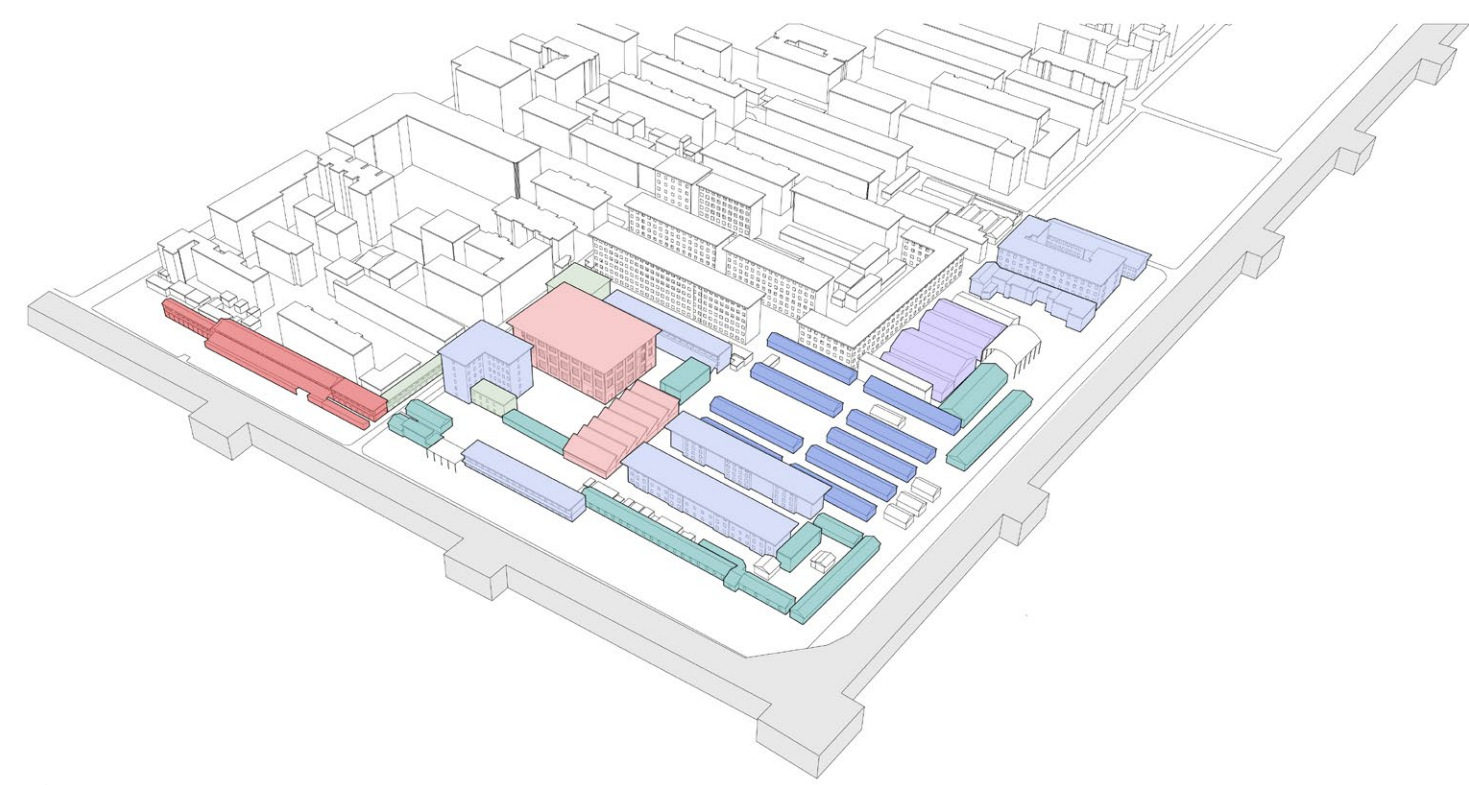


strategic analysis for the new mobility system of the project/
image source: self-composed

project area analysis

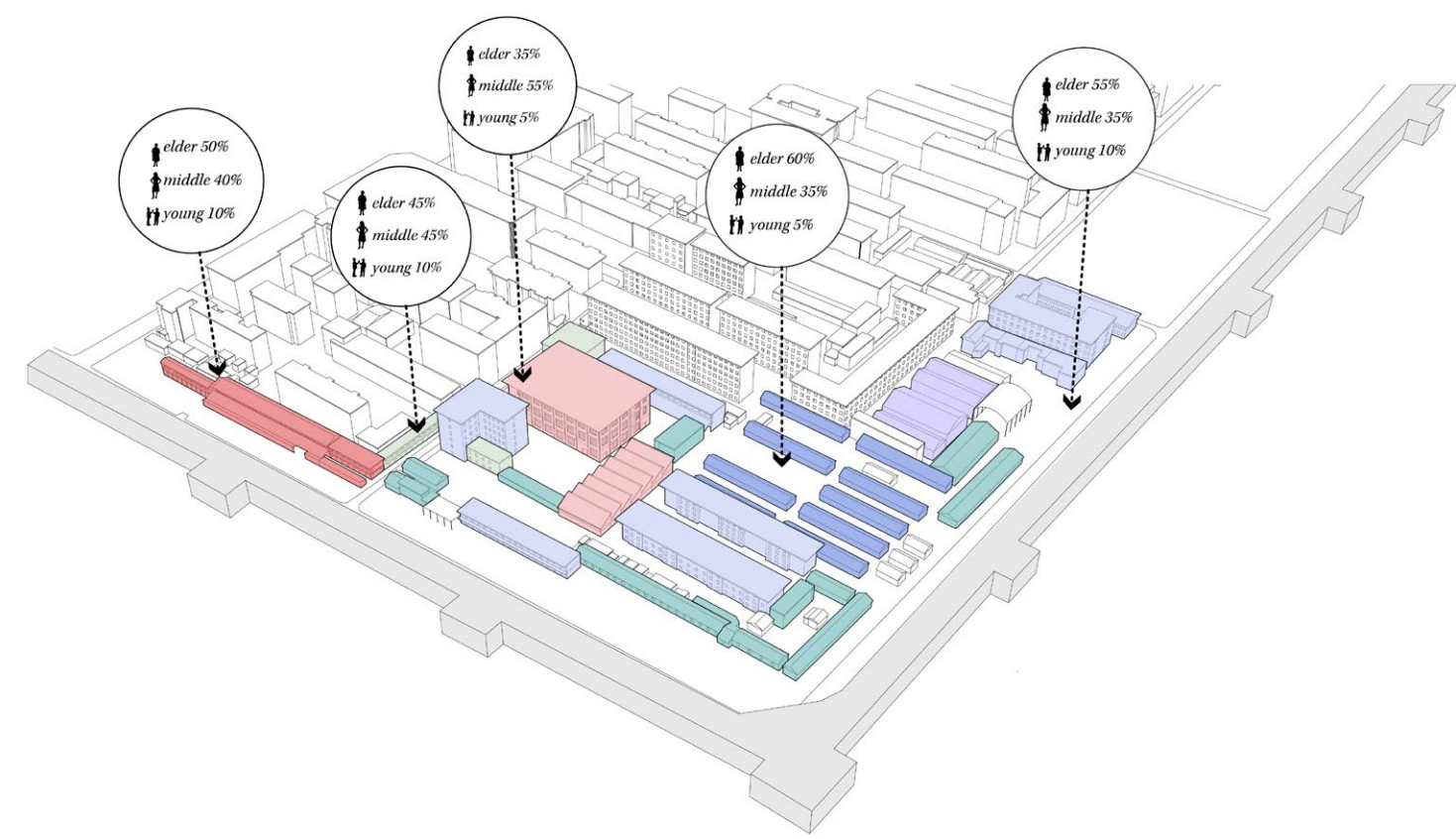


area of intervention/
image source: self-composed

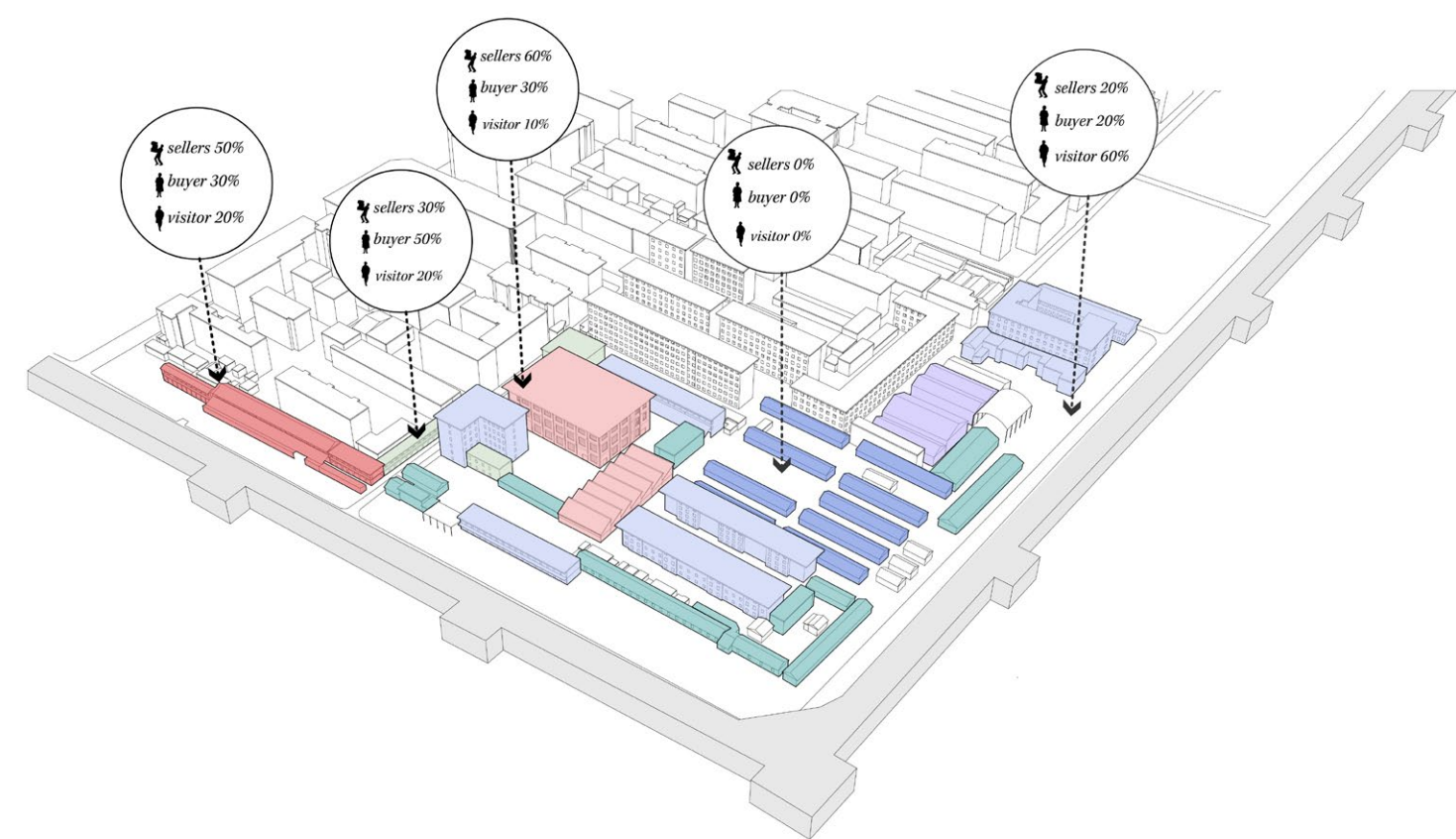


functions/
image source: self-composed

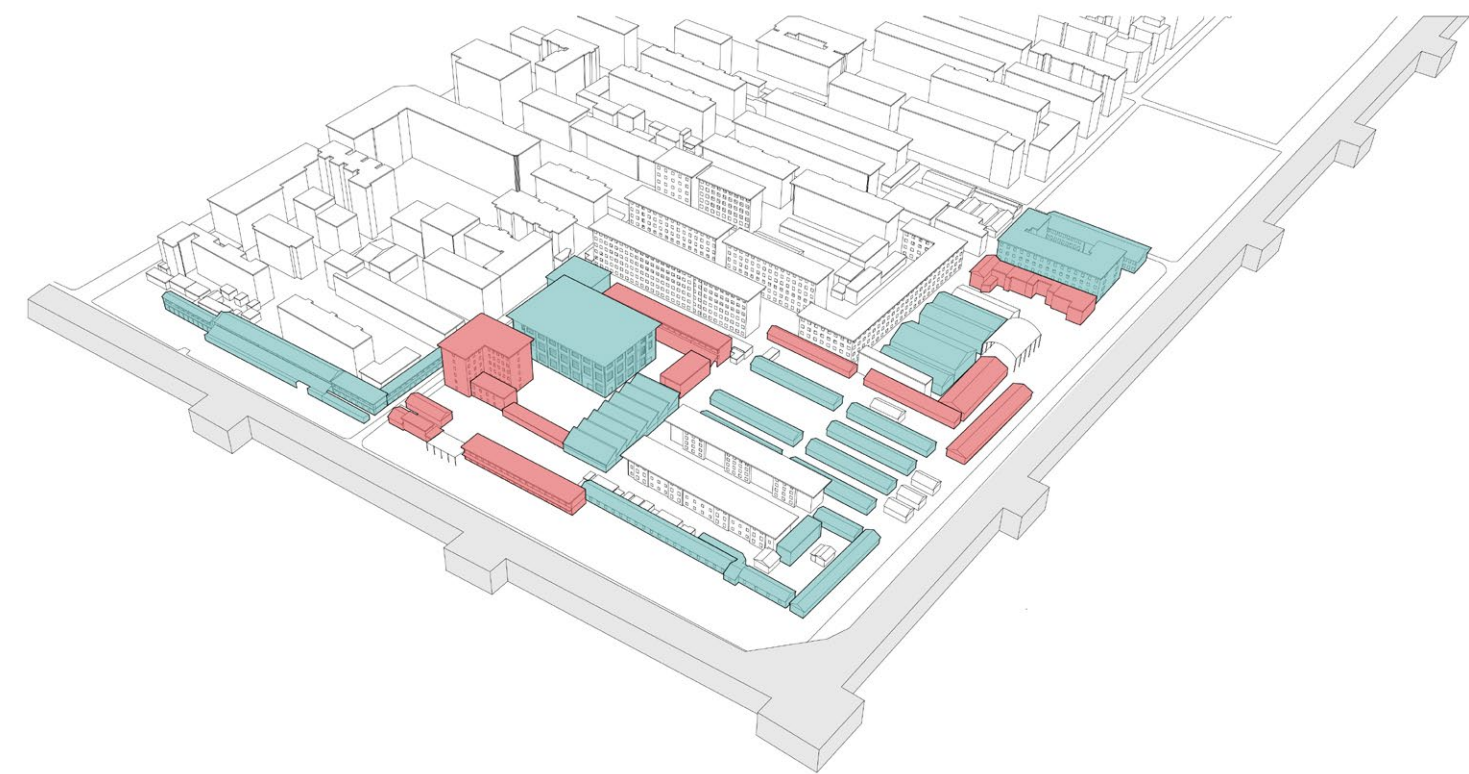
- m. market
- storage
- residential
- industry
- illegal block



type of people/
image source: self-composed



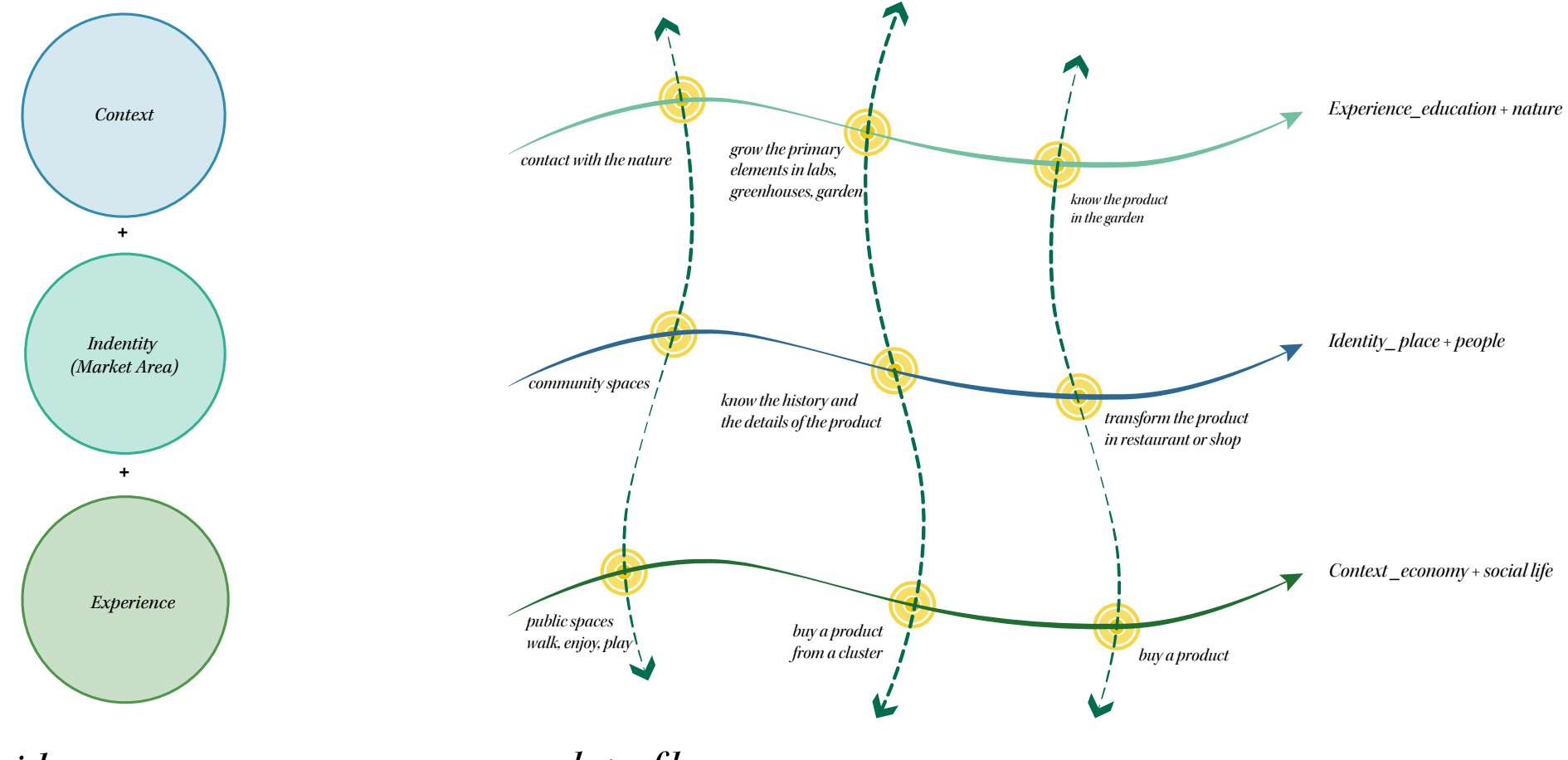
economy relationship/
image source: self-composed



demolition and conservation/
image source: self-composed

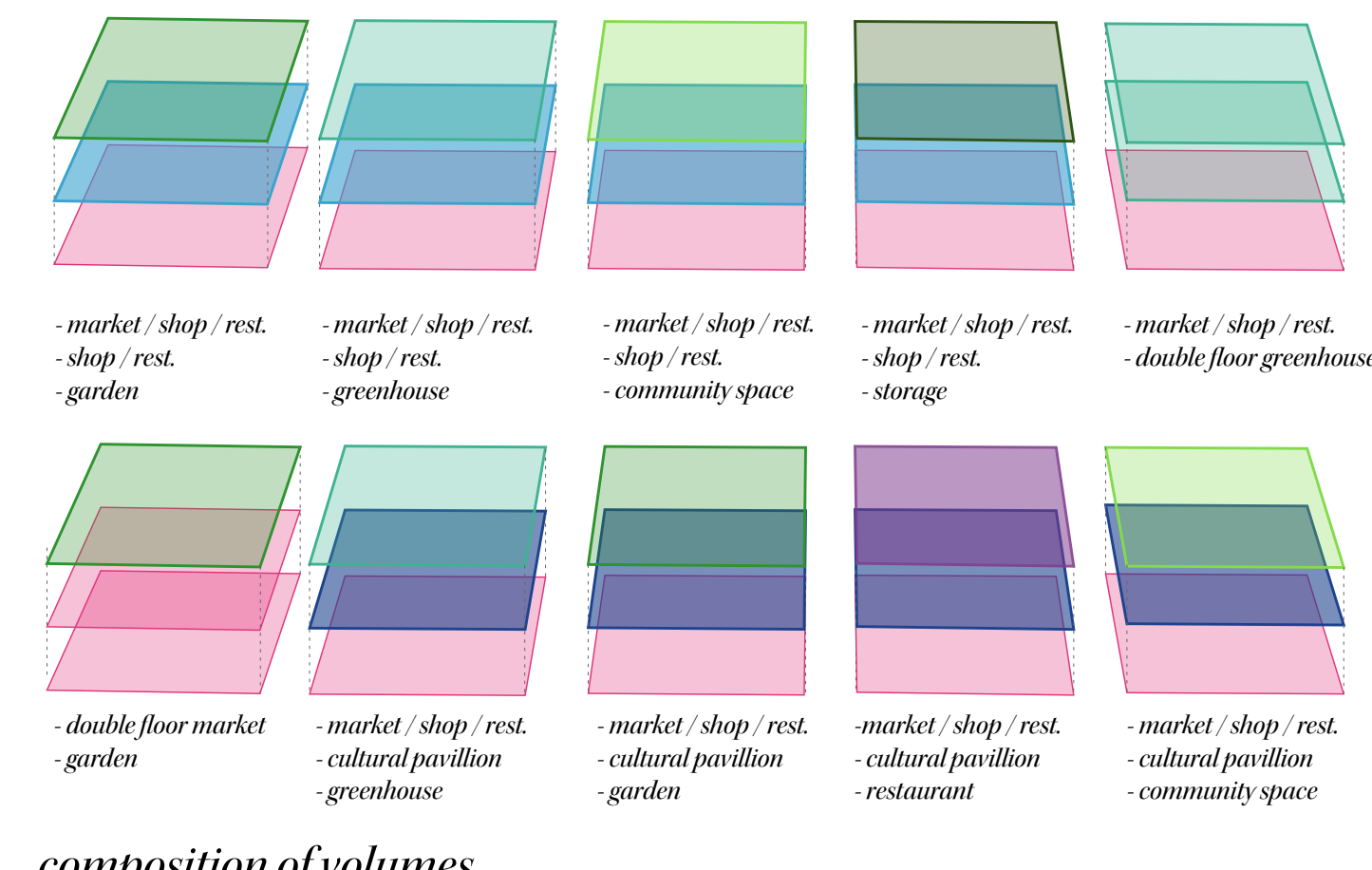
- demolition
- conservation

concept definition _ composition of 3 layers

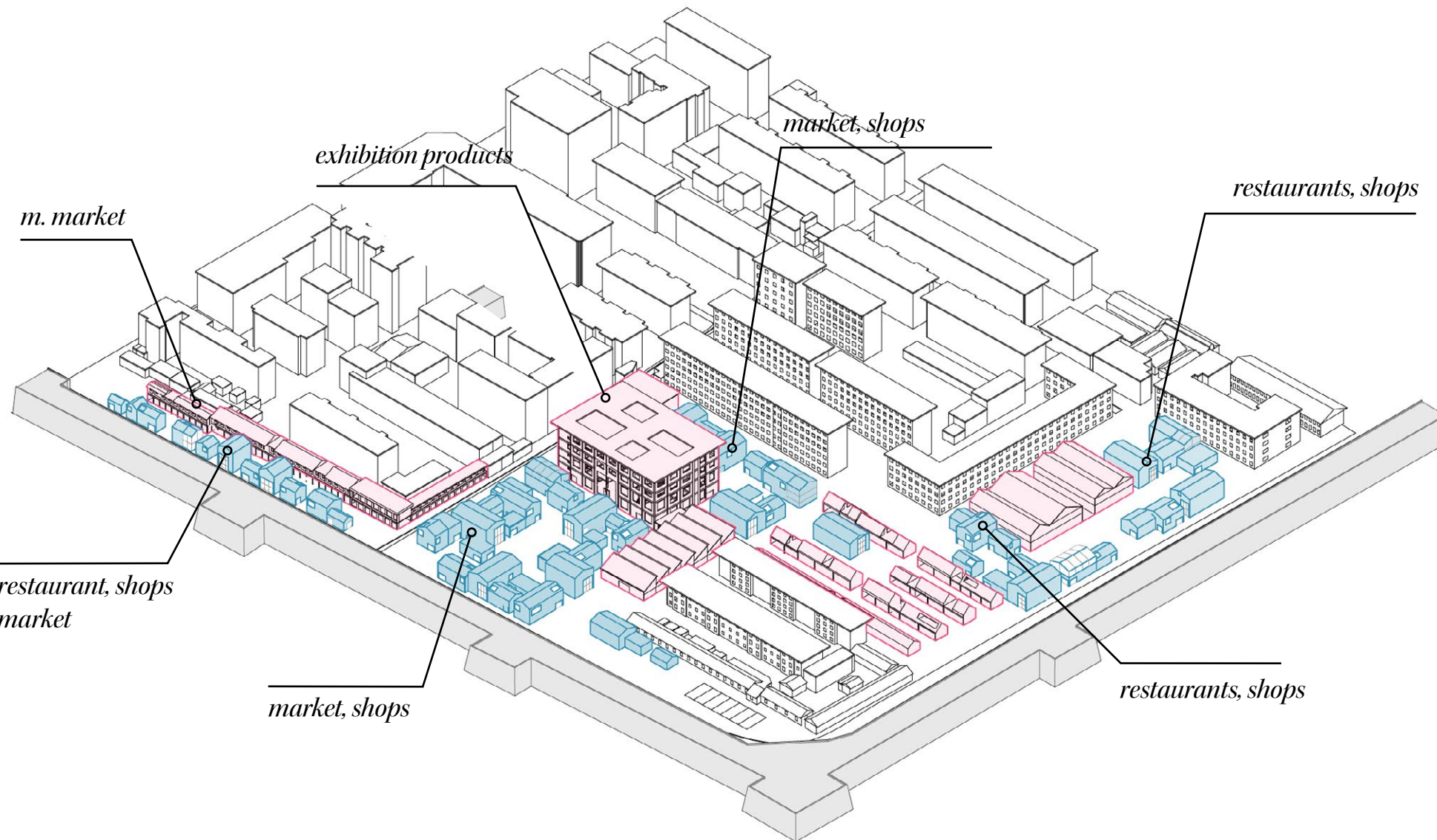


idea

overlap of layers



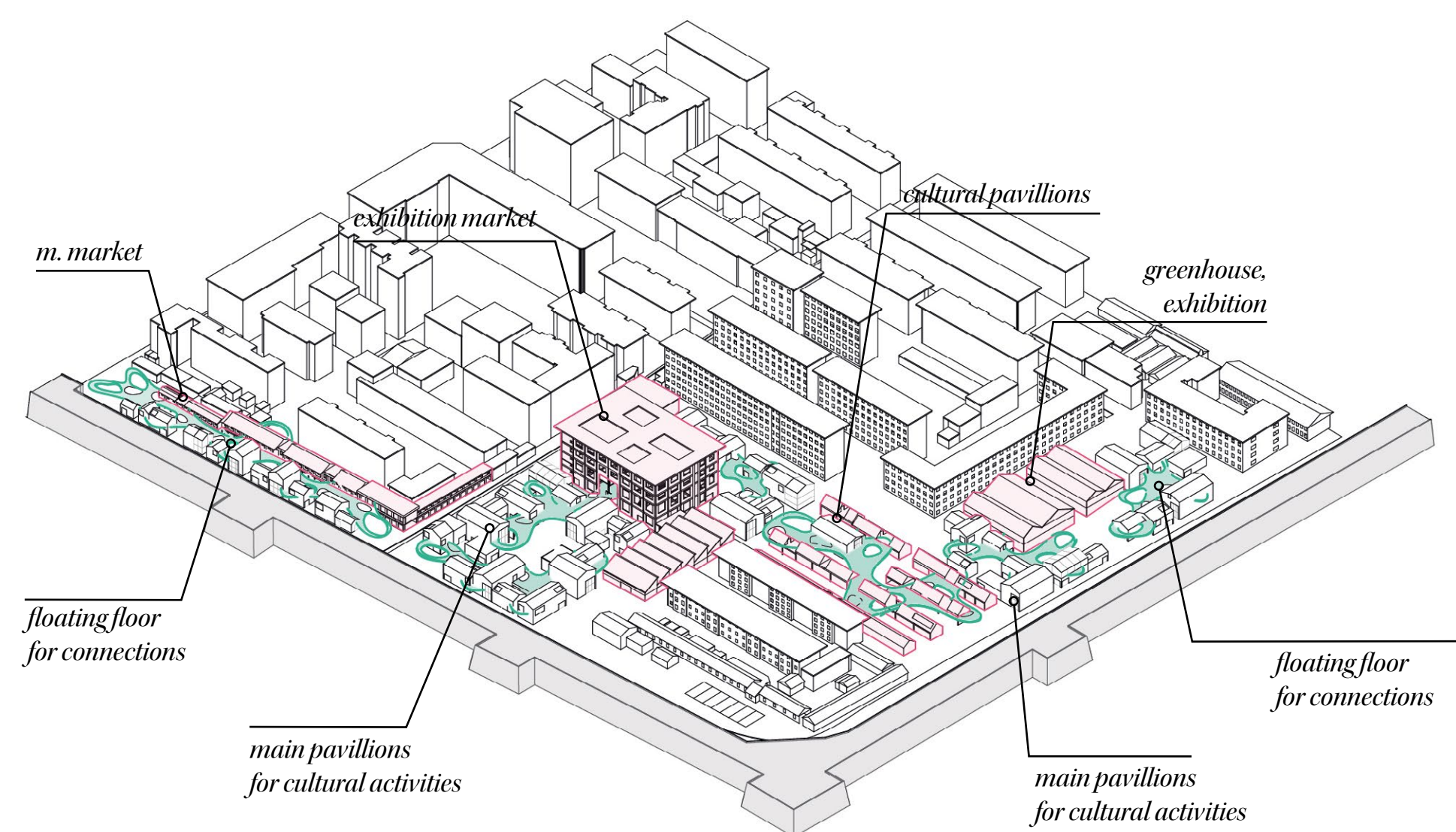
composition of volumes



1 layer / economy relationship



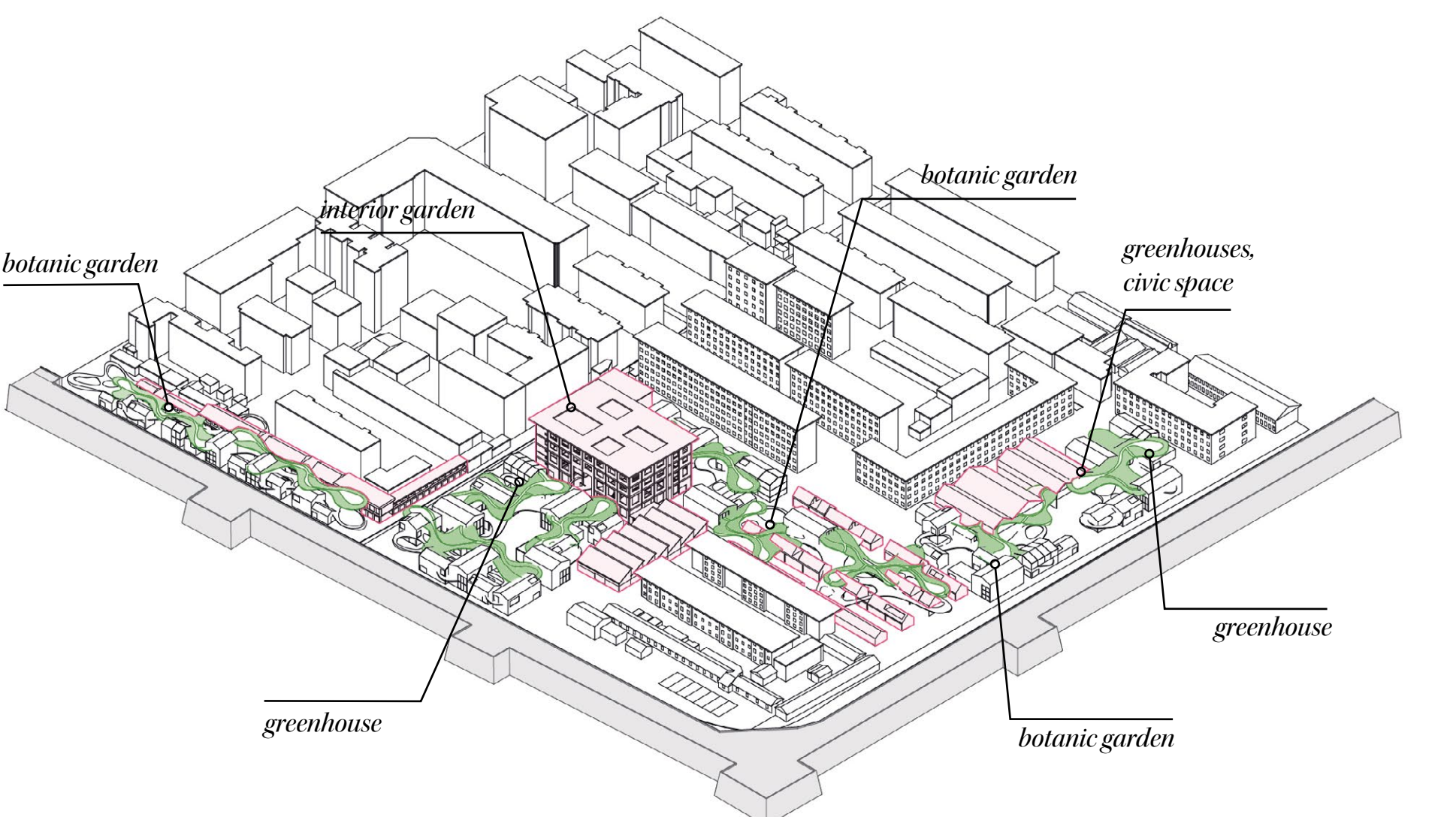
economy interactions



2 layer / cultural relationship



cultural interactions



3 layer / experience relationship



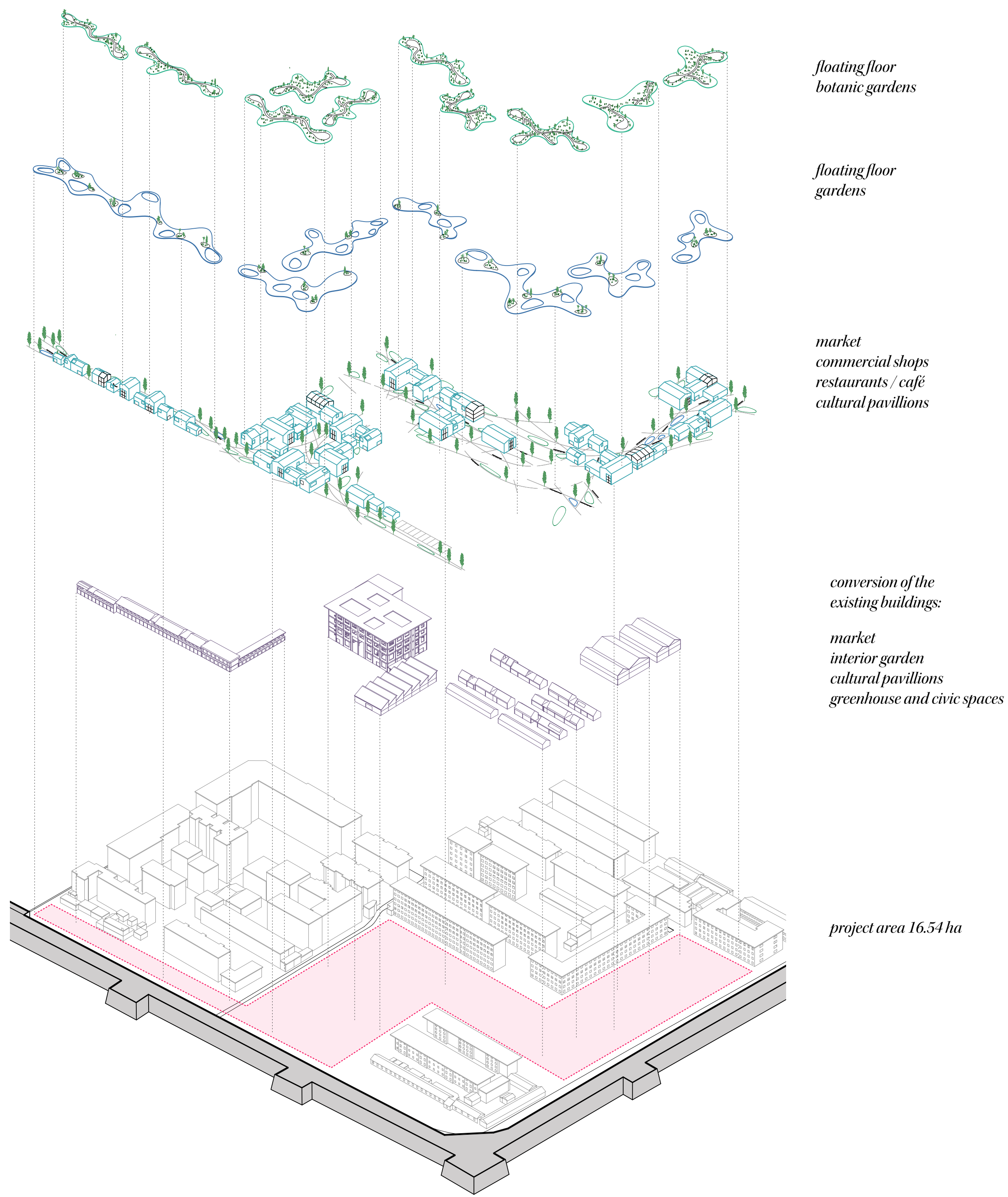
experience interactions



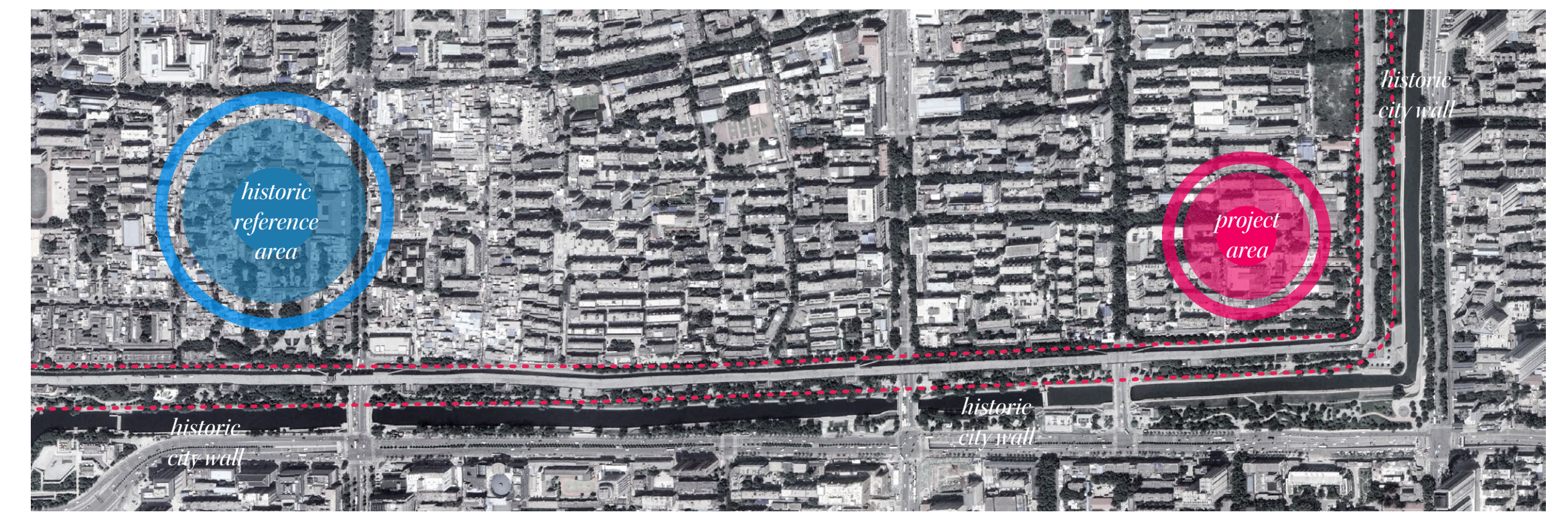
View of the new market complex



shape definition _ overlap of layers



shape definition _ San Xue historical site reference



reference historical context _ San Xue street / image source: self-composed, 木作工作室, Muzuo studio Xi'an university of architecture and technology

San Xue historical site composition



courtyards boundary / image source: 木作工作室, Muzuo studio Xi'an university of architecture and technology
courtyards shape / image source: 木作工作室, Muzuo studio Xi'an university of architecture and technology



properly / image source: 木作工作室, Muzuo studio Xi'an university of architecture and technology
floors / image source: 木作工作室, Muzuo studio Xi'an university of architecture and technology

functional explode



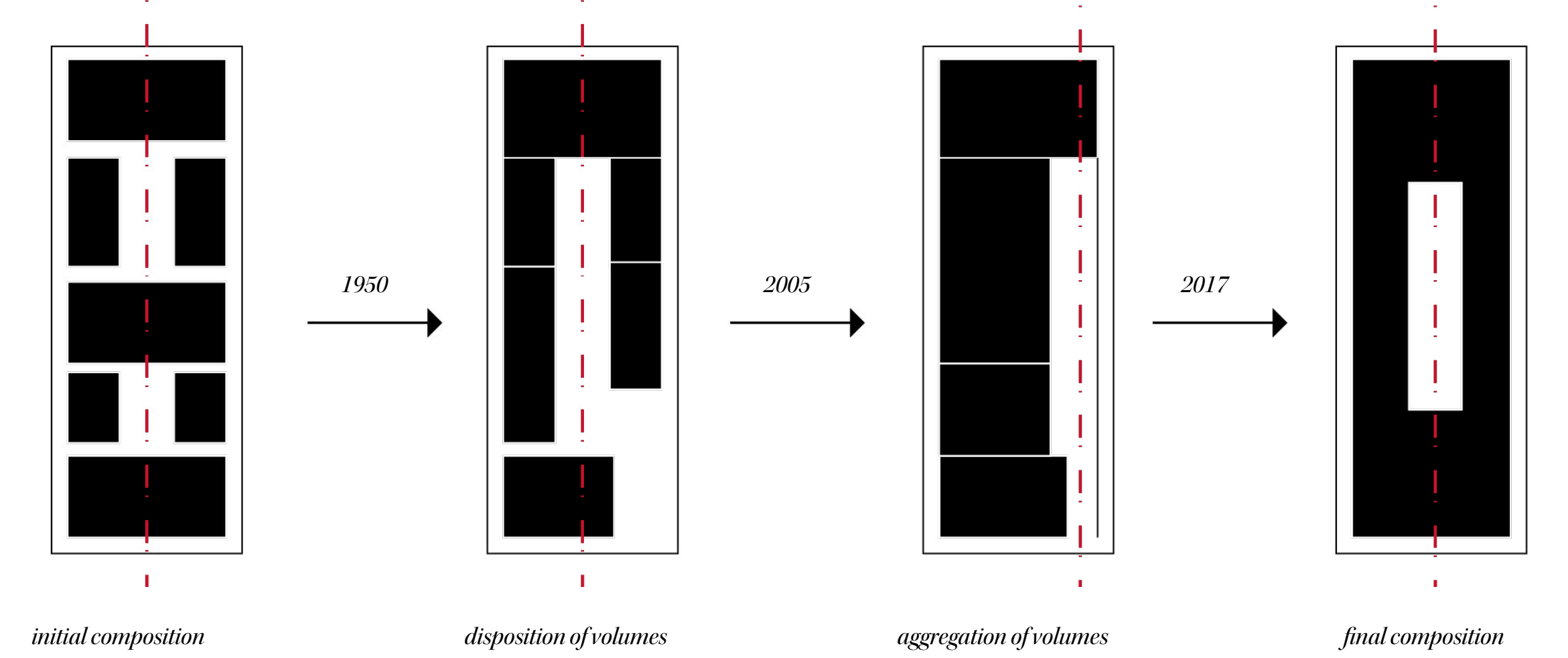
view of internal courtyards



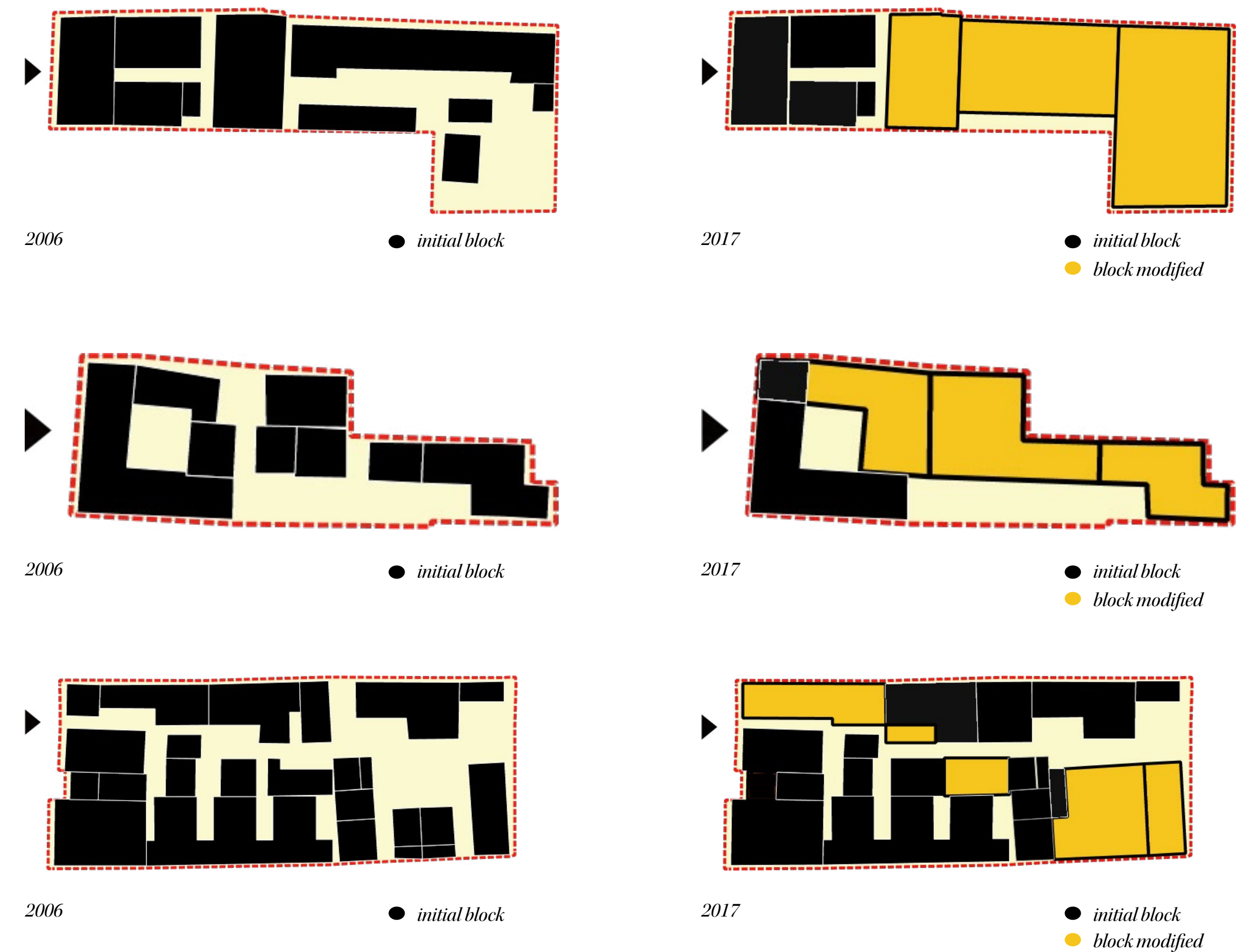
strategic functions

- shops / restaurant / cafe
- market / exhibition / interior garden
- cultural complex
- exhibition area

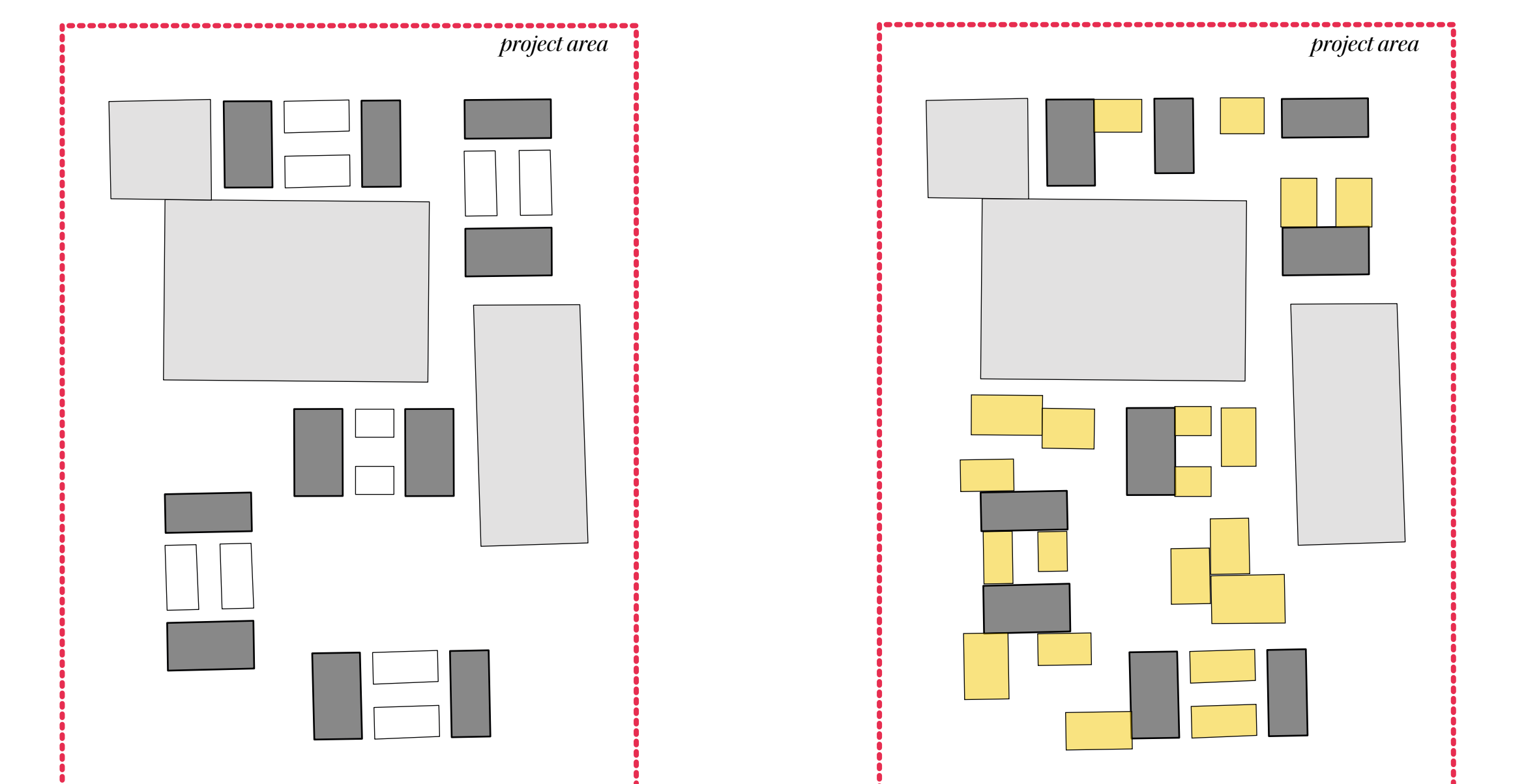
San Xue historical site _ general scheme of time evolution of courtyards / image source: self-composed, 木作工作室, Muzuo studio Xi'an university of architecture and technology



example of evolution of courtyards during the years / image source: self-composed, 木作工作室, Muzuo studio Xi'an university of architecture and technology



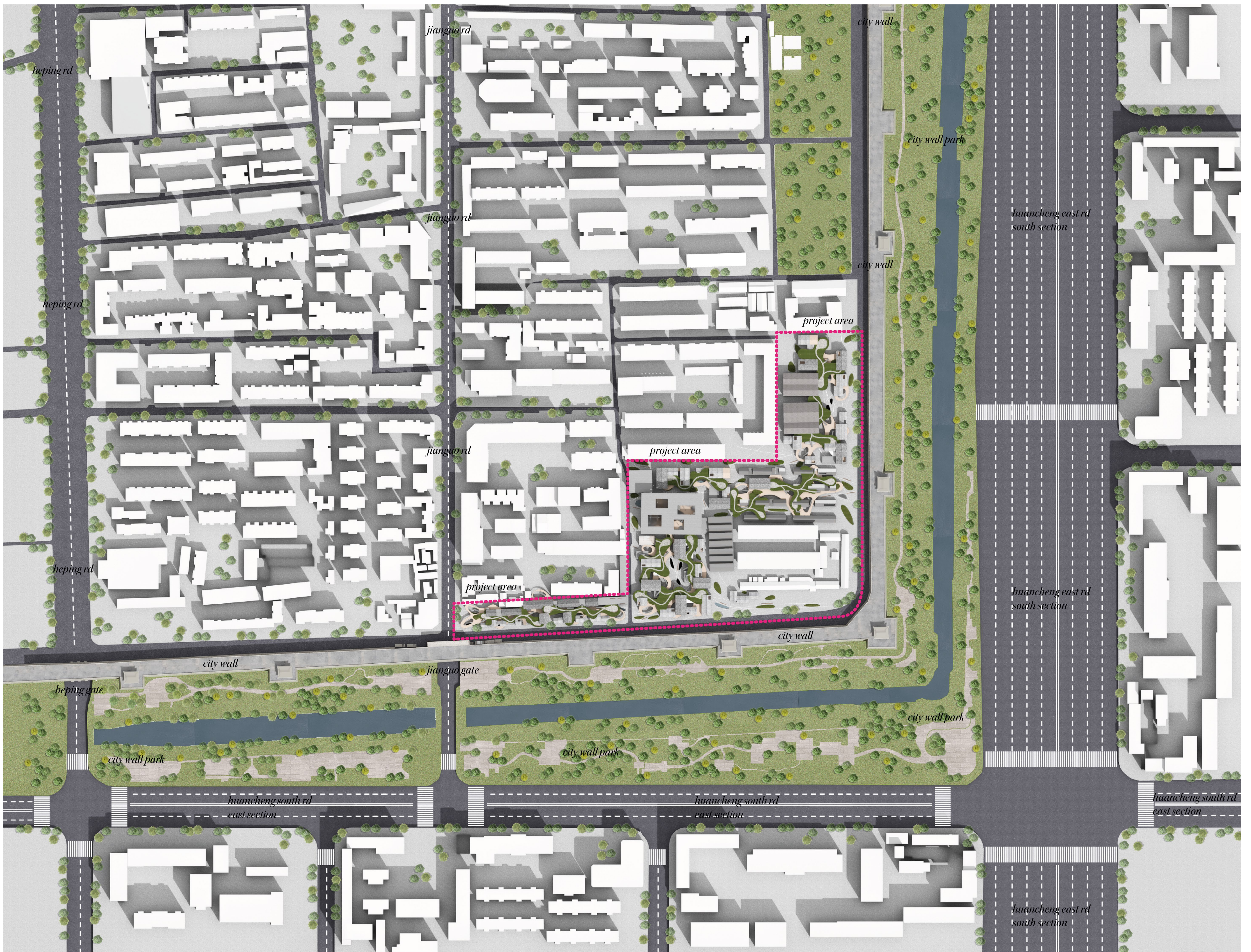
interpretation of site project / image source: self-composed



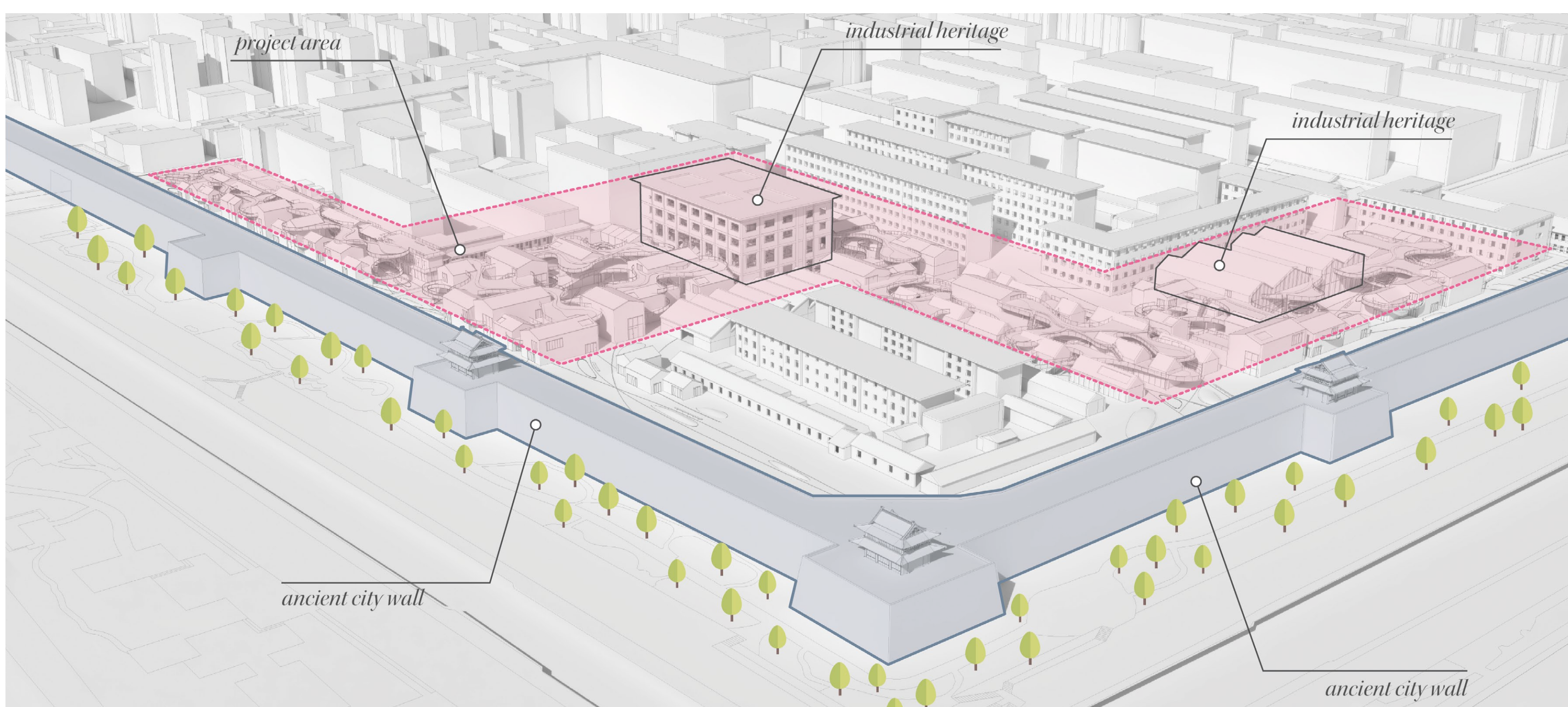
traditional blocks composition / image source: self-composed
● existing building
● new volumes in traditional disposition

new blocks composition / image source: self-composed
● existing building
● new volumes in traditional disposition
● new volume aggregation from traditional disposition

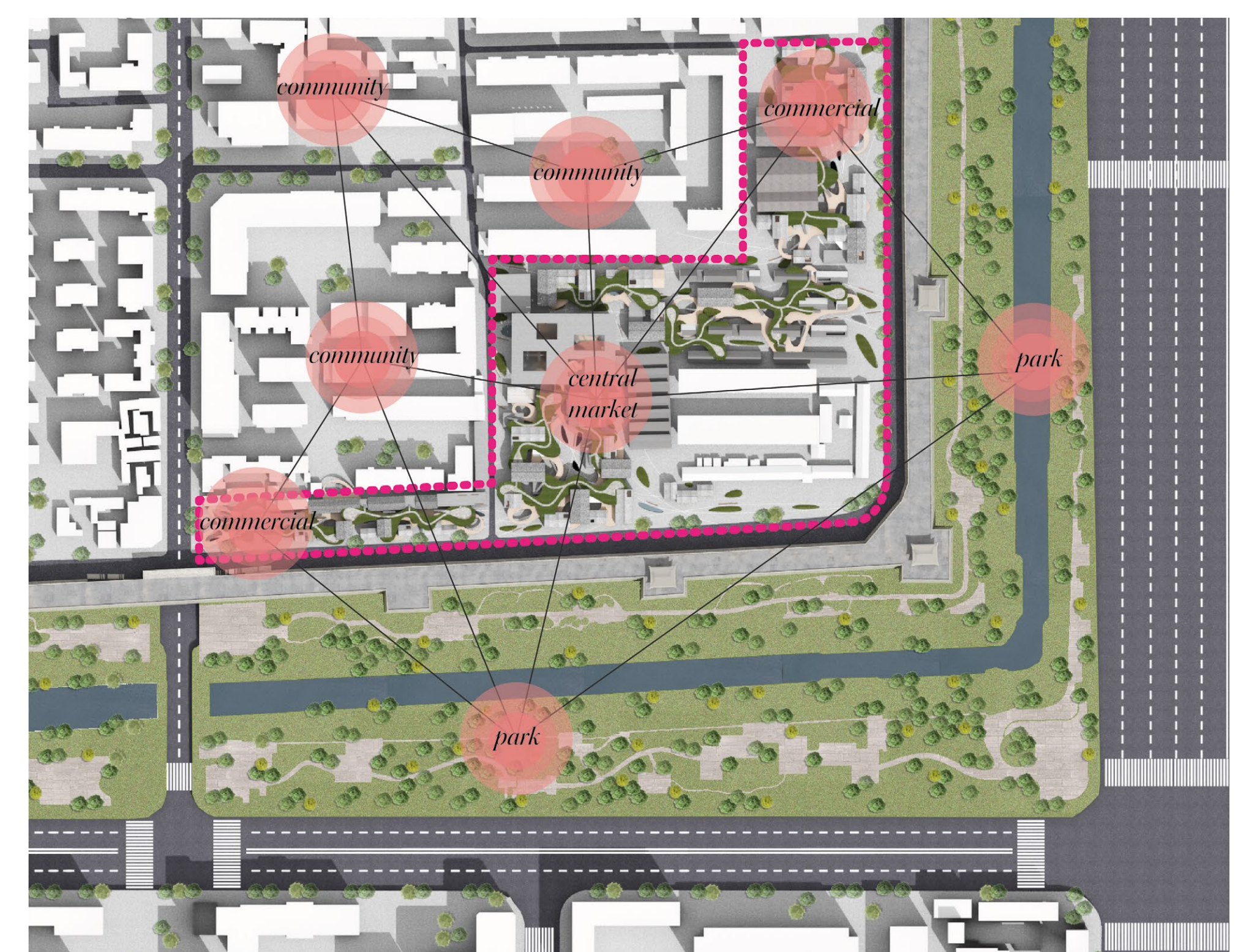




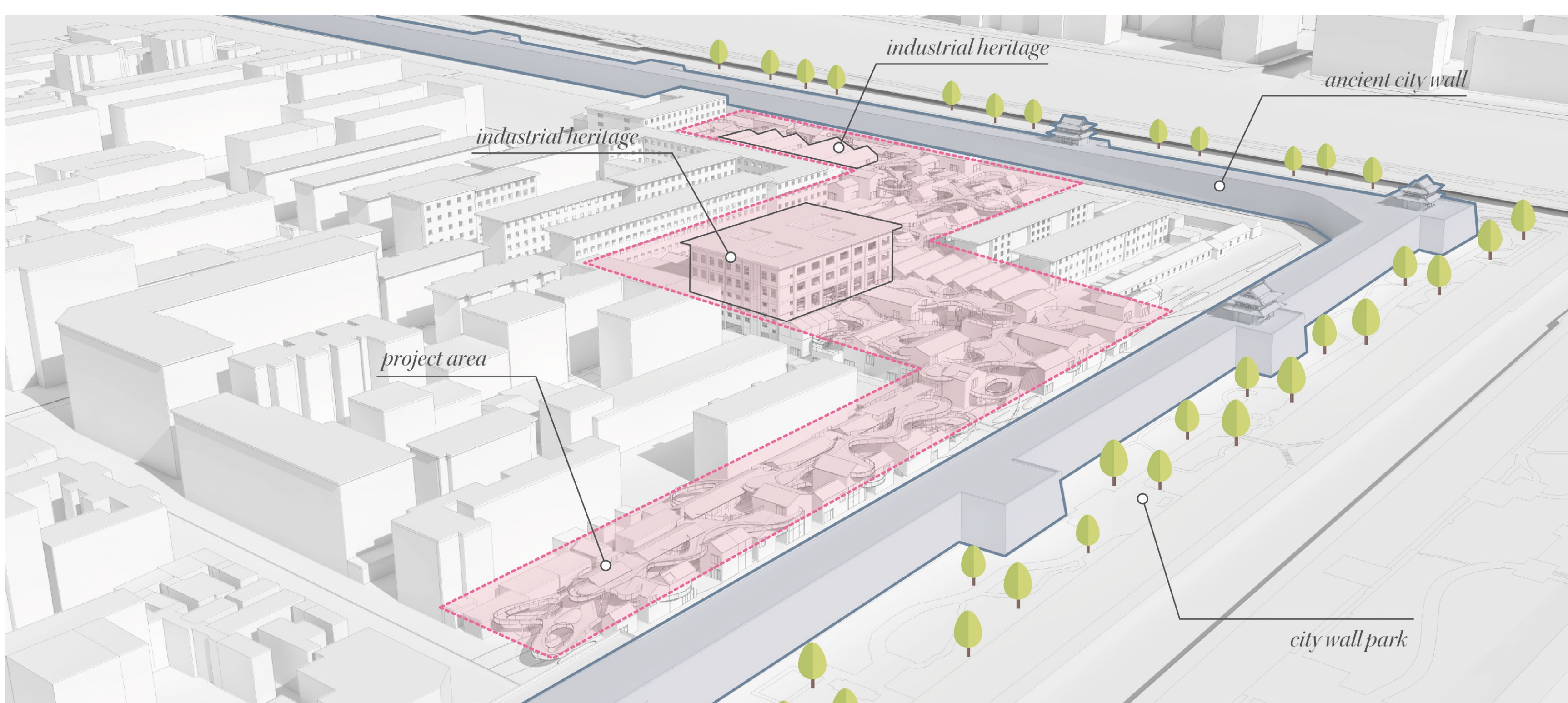
project overview/ context relationship



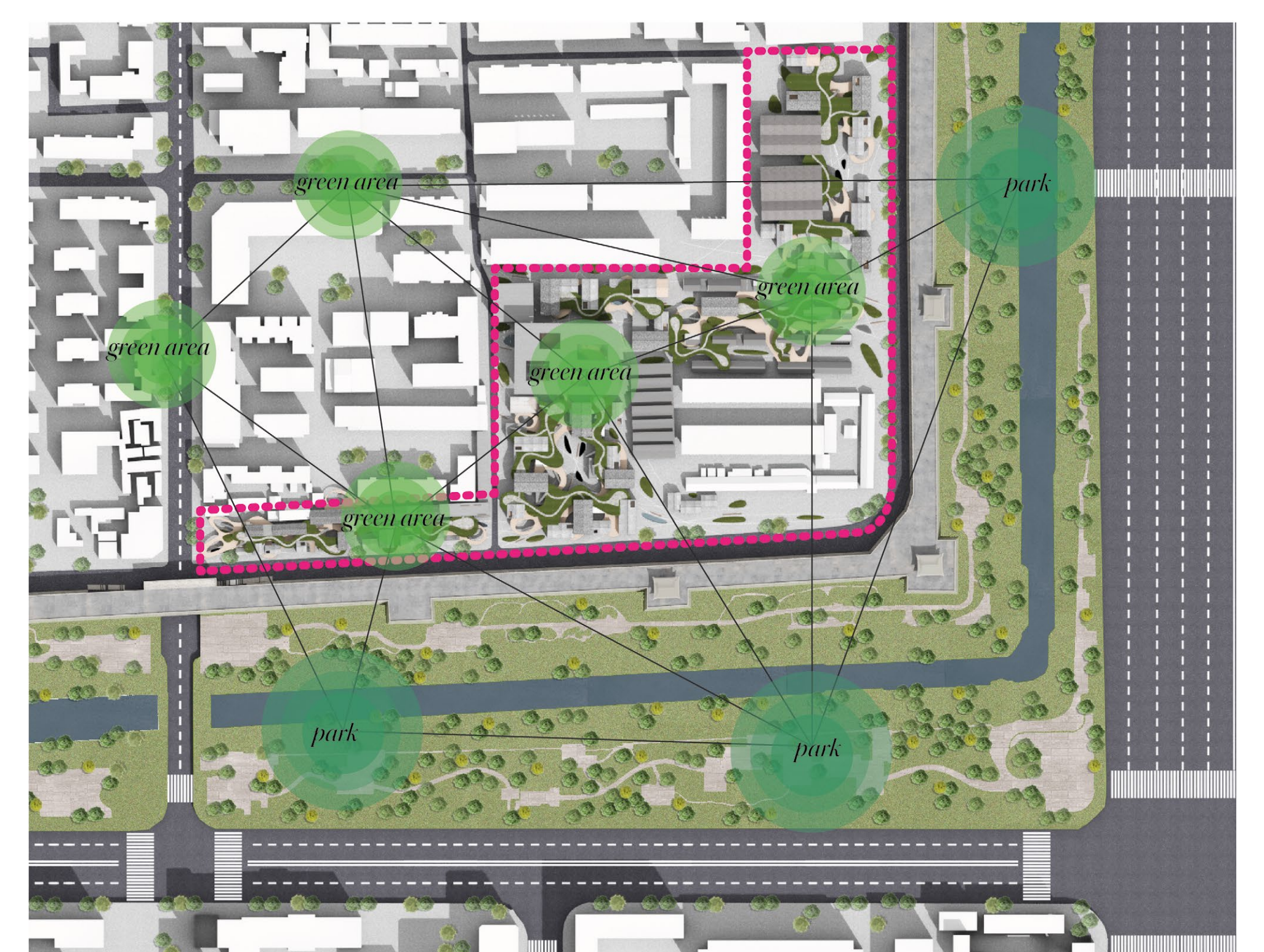
project overview/ city wall relationship



project overview/ functional relationship



project overview/ city wall relationship

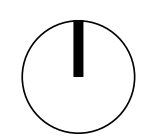


project overview/ green spaces relationship





ground floor plan



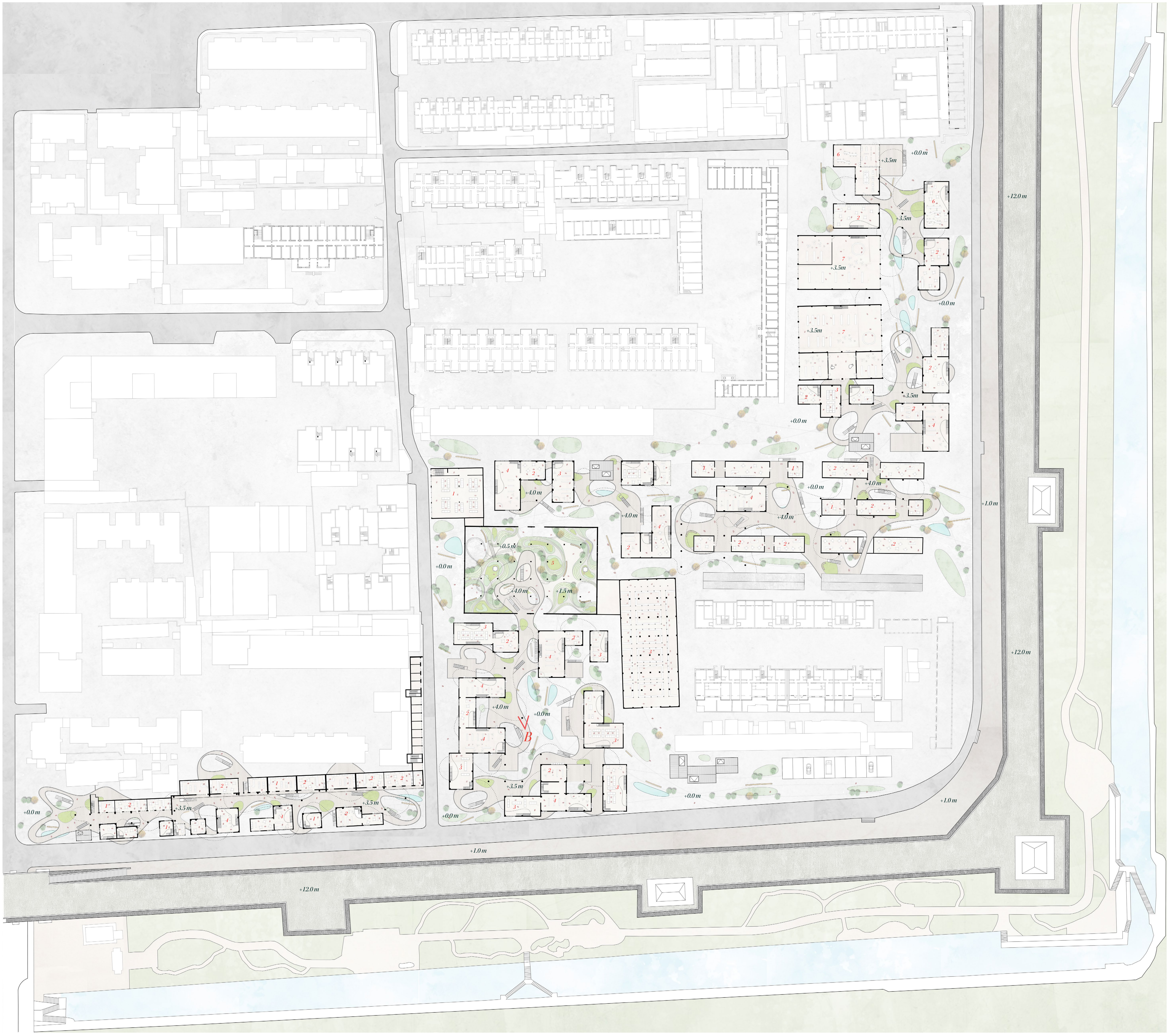
0 10 25 50

- 1 Shop
- 2 Restaurant
- 3 Market
- 4 Cultural area
- 5 Garden
- 6 Community space
- 7 Exhibition

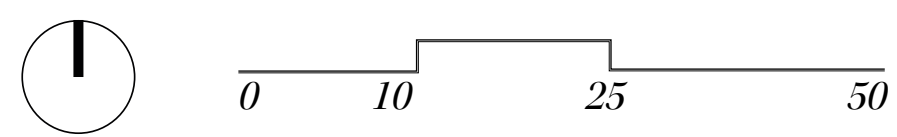


view of the street market





1st floor plan



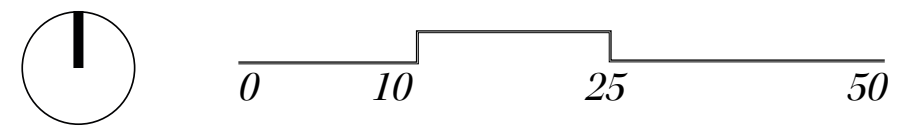
- 1 Shop
- 2 Restaurant
- 3 Market
- 4 Cultural area
- 5 Garden
- 6 Community space
- 7 Exhibition



View from the platform



2nd floor plan



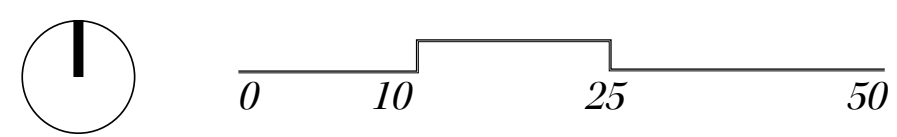
- 1 Shop
- 2 Restaurant
- 3 Market
- 4 Cultural area
- 5 Garden
- 6 Community space
- 7 Exhibition
- 8 Greenhouse



View of the interior garden



3rd floor plan



- 1 Shop
- 2 Restaurant
- 3 Market
- 4 Cultural area
- 5 Garden
- 6 Community space
- 7 Exhibition
- 8 Greenhouse

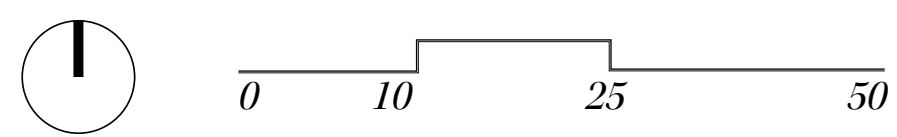


View from the platform





4th floor plan



- 1 Shop
- 2 Restaurant
- 3 Market
- 4 Cultural area
- 5 Garden
- 6 Community space
- 7 Exhibition
- 8 Greenhouse

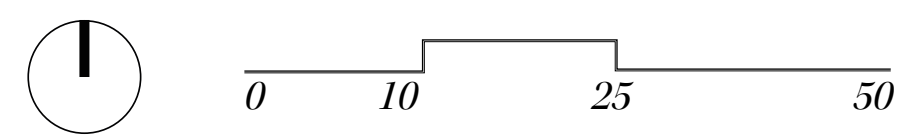


View from the sky garden





Roof view plan

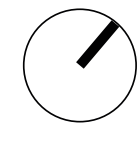


View over the old fabrics

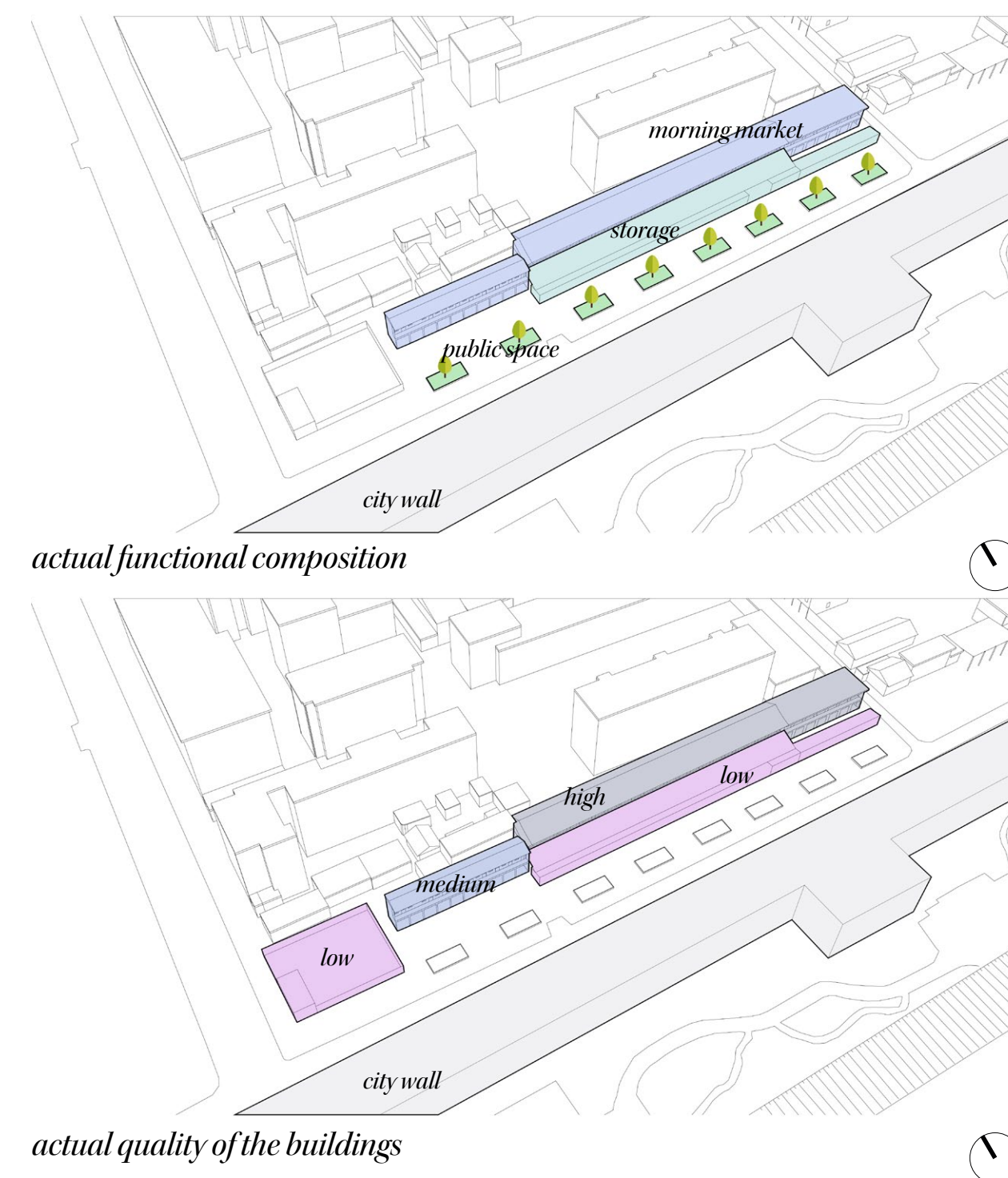




Bird view/functional detail

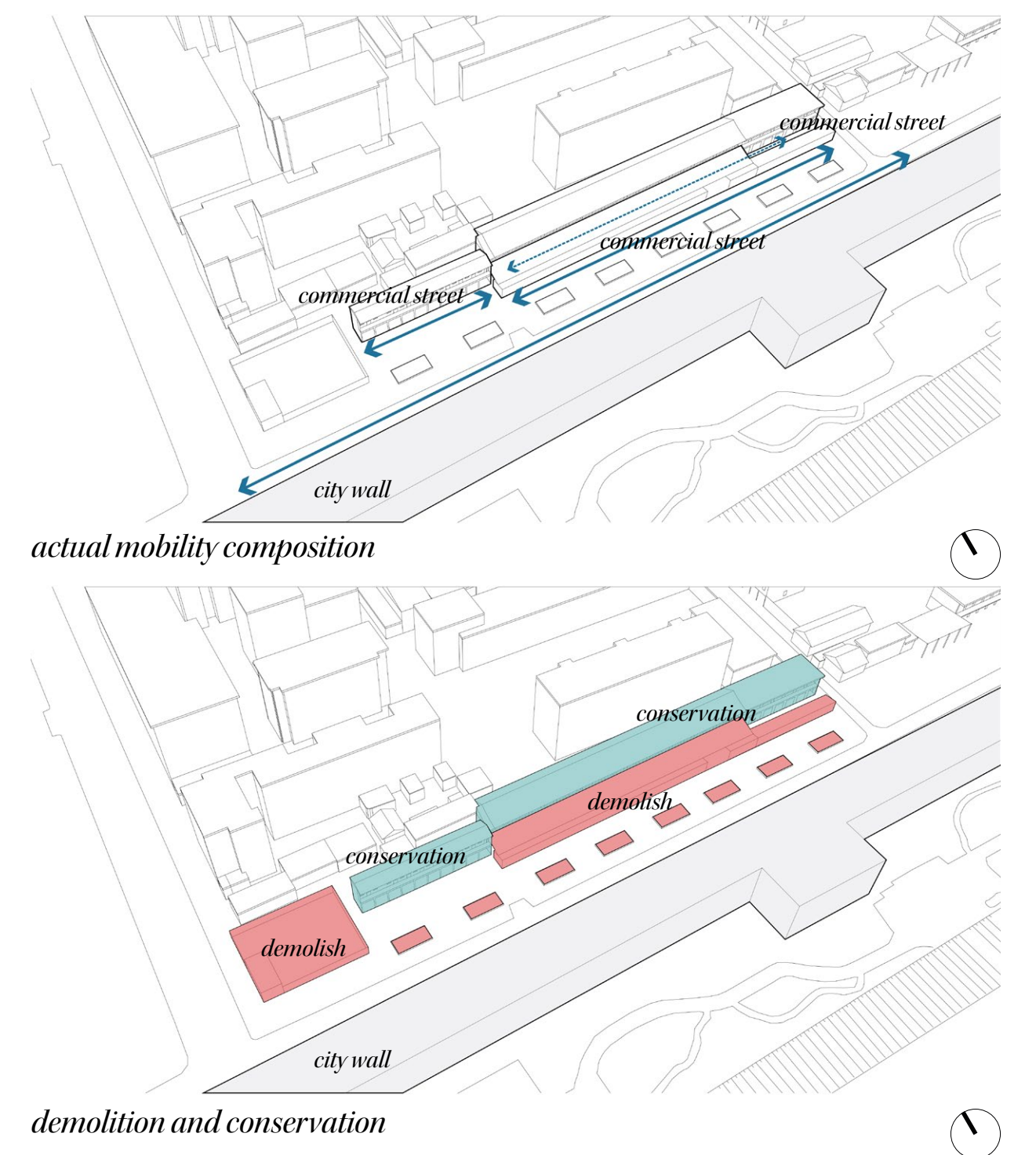


ground floor plan of the original situation



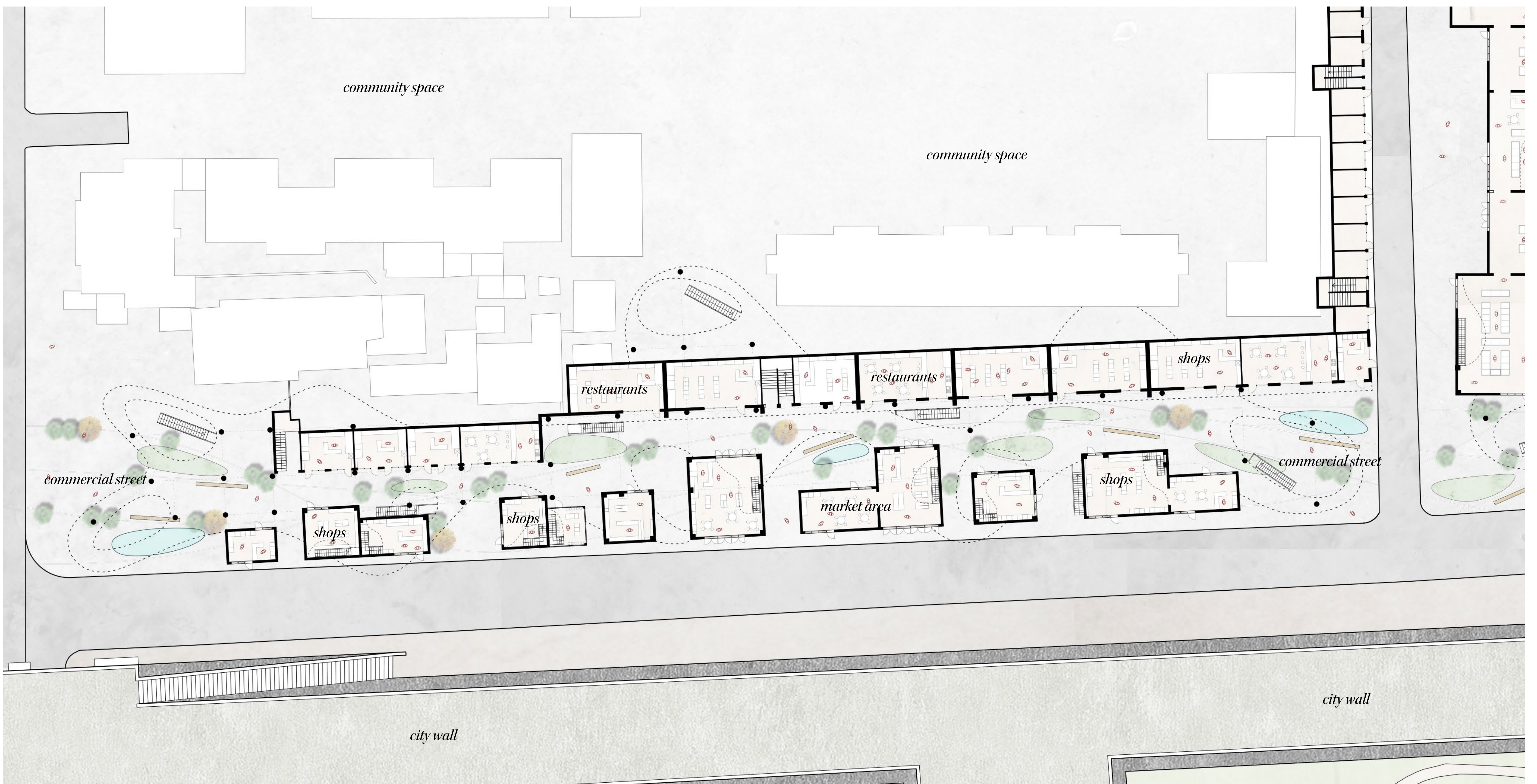
actual functional composition

actual quality of the buildings

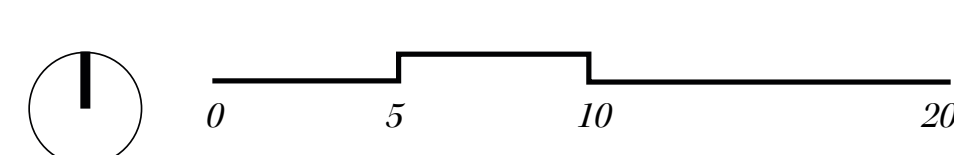


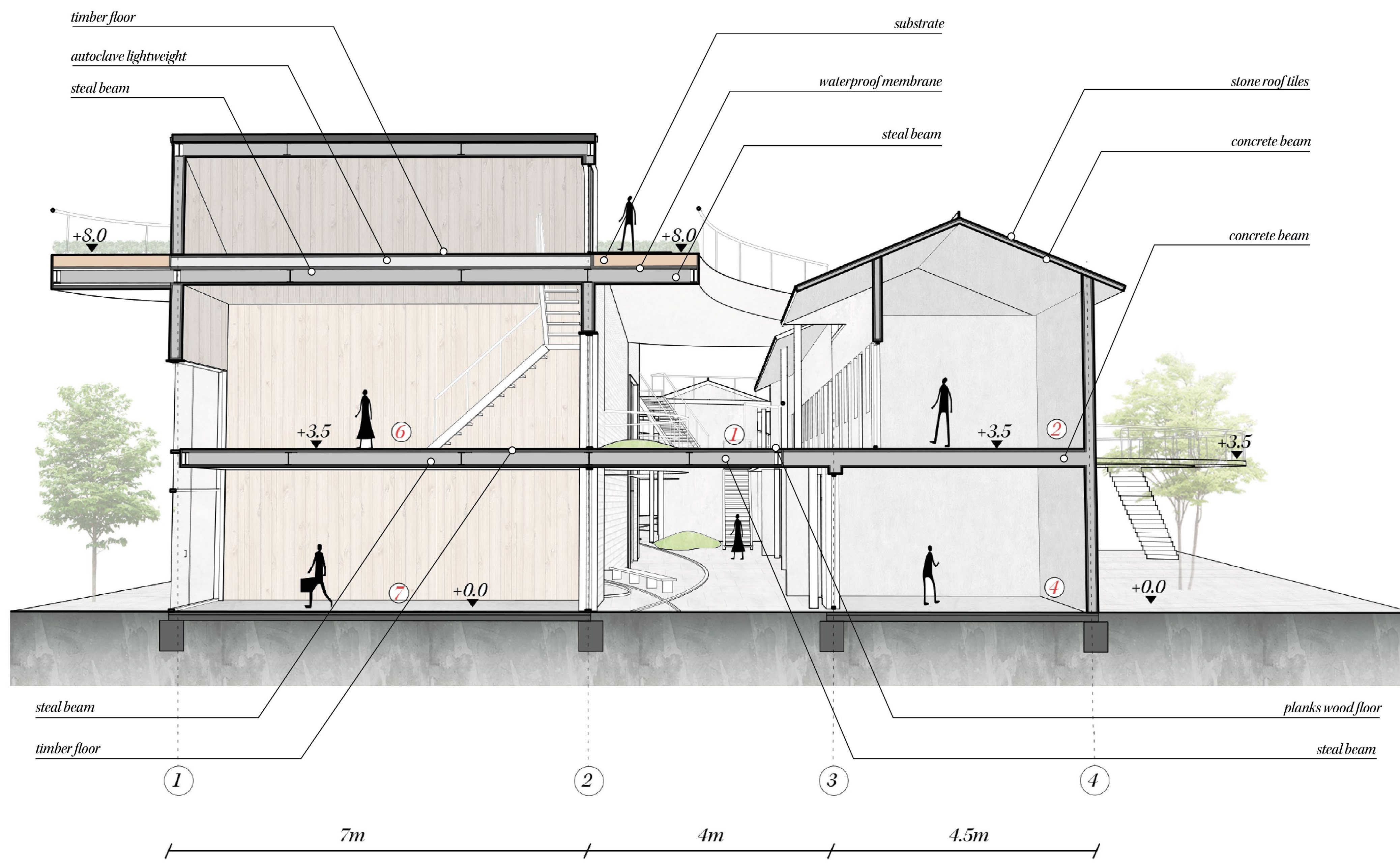
actual mobility composition

demolition and conservation



ground floor plan for the new project solution

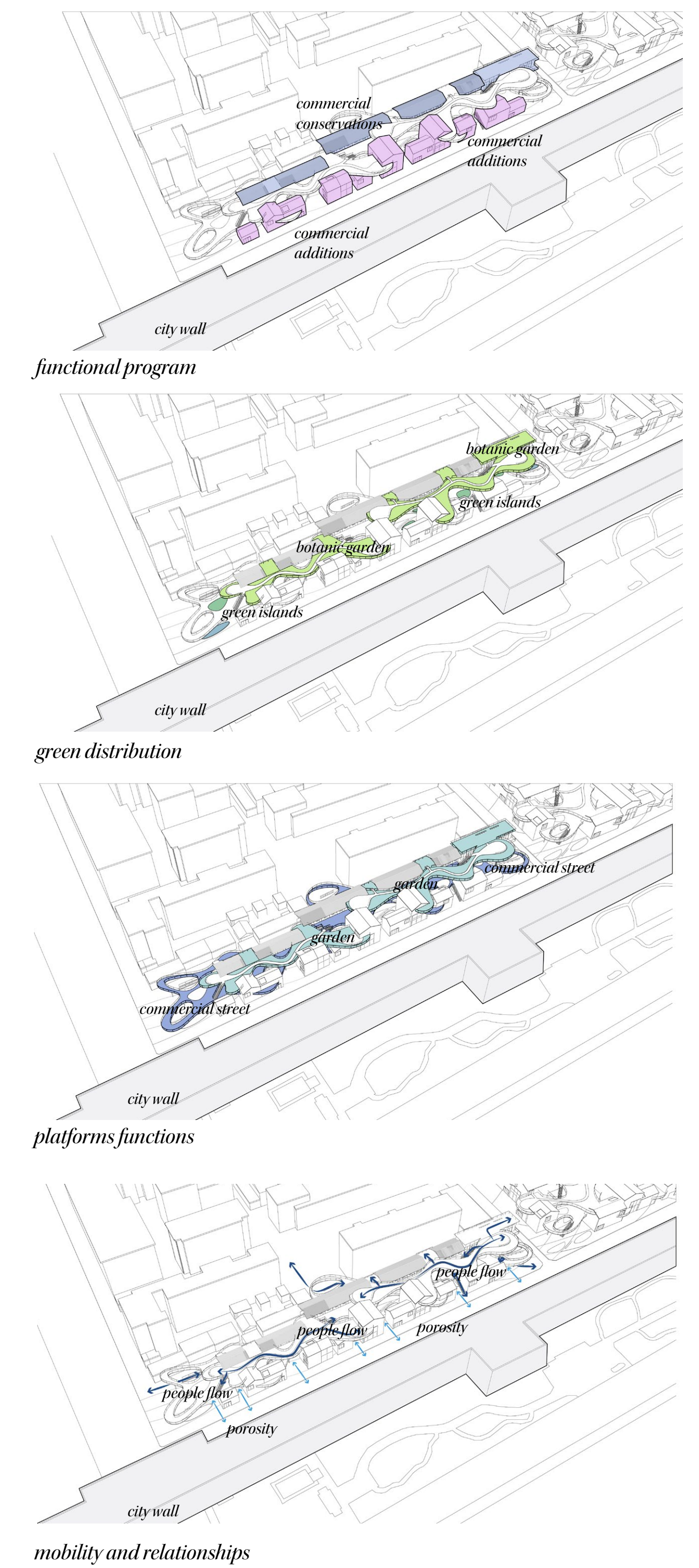




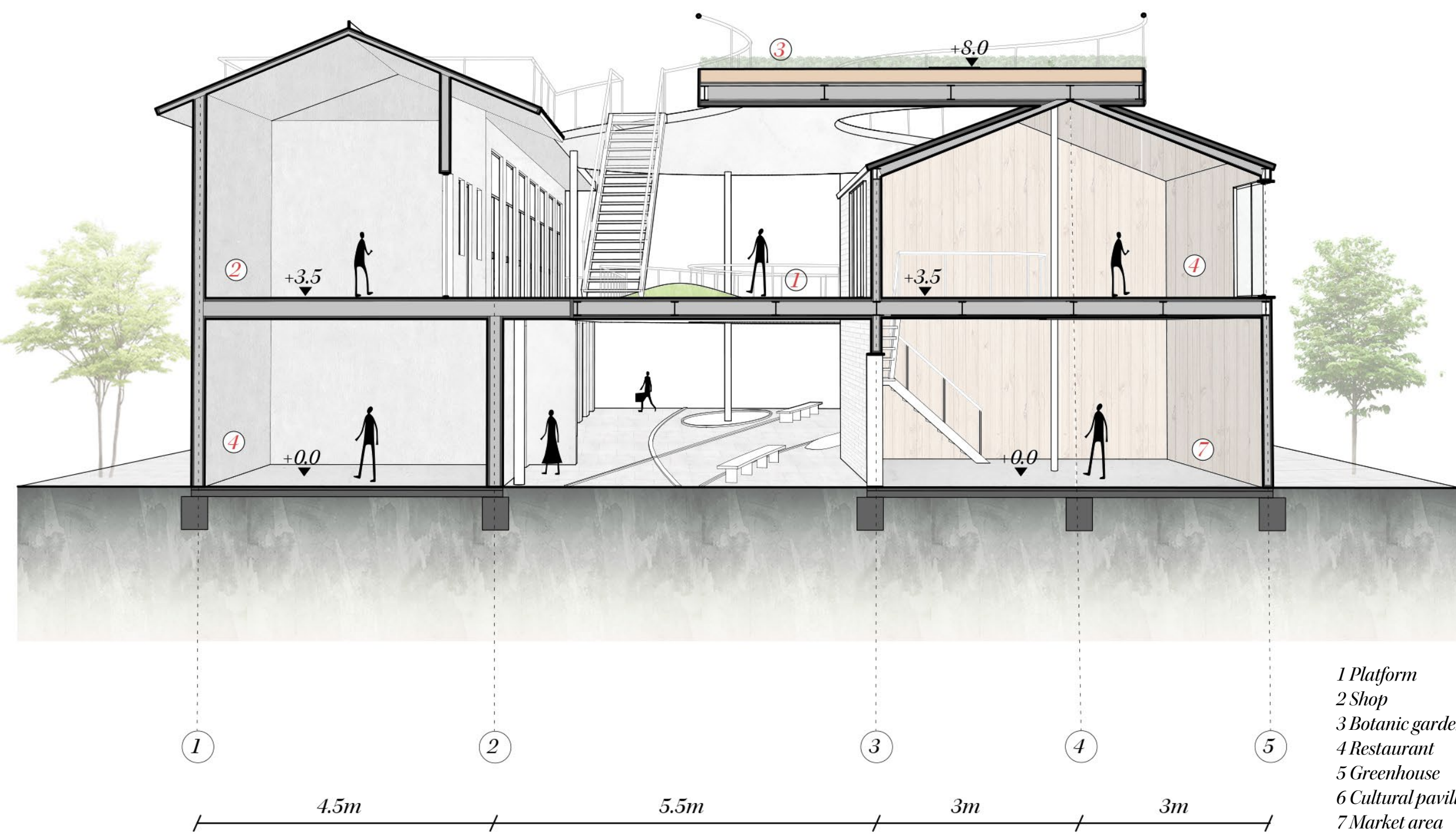
Section A-A'



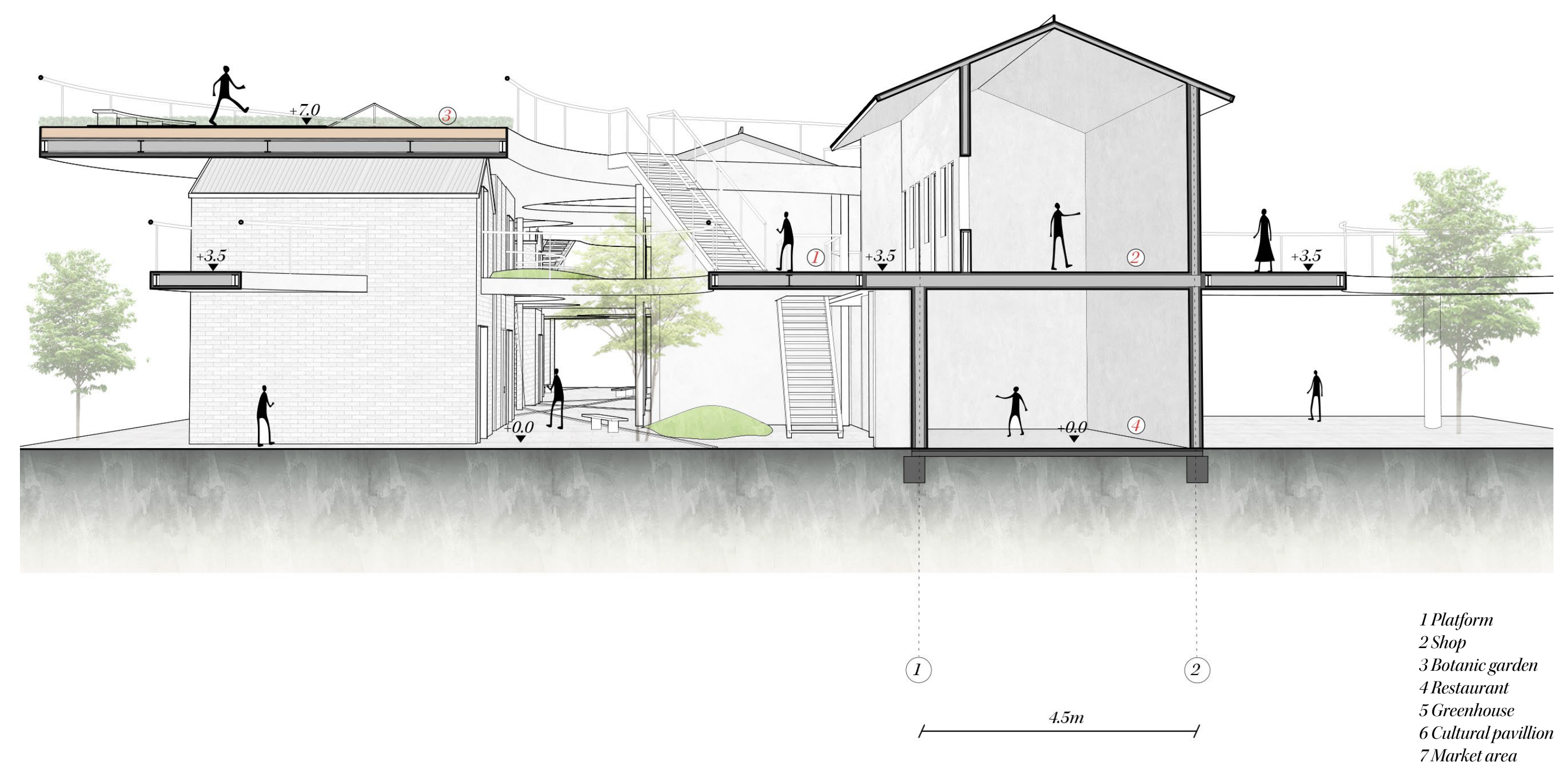
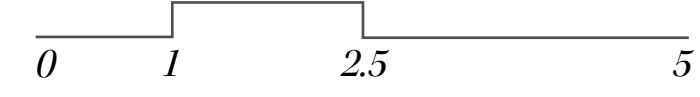
- 1 Platform
- 2 Shop
- 3 Botanic garden
- 4 Restaurant
- 5 Greenhouse
- 6 Cultural pavilion
- 7 Market area



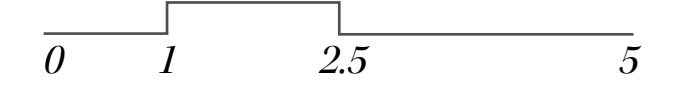
mobility and relationships



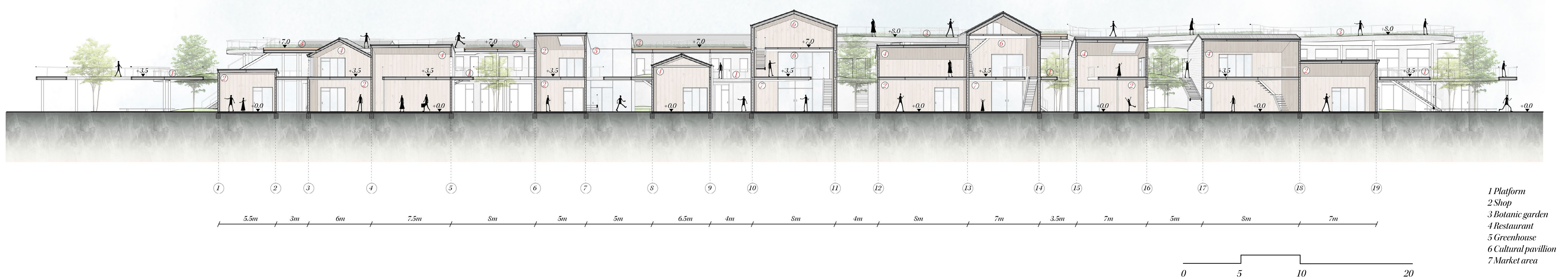
Section B-B'



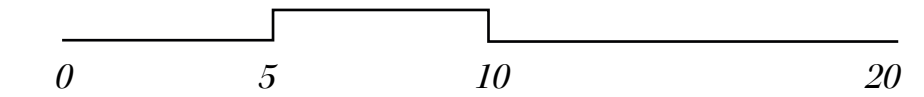
Section C-C'



view from of the floating platform



Section E-E'



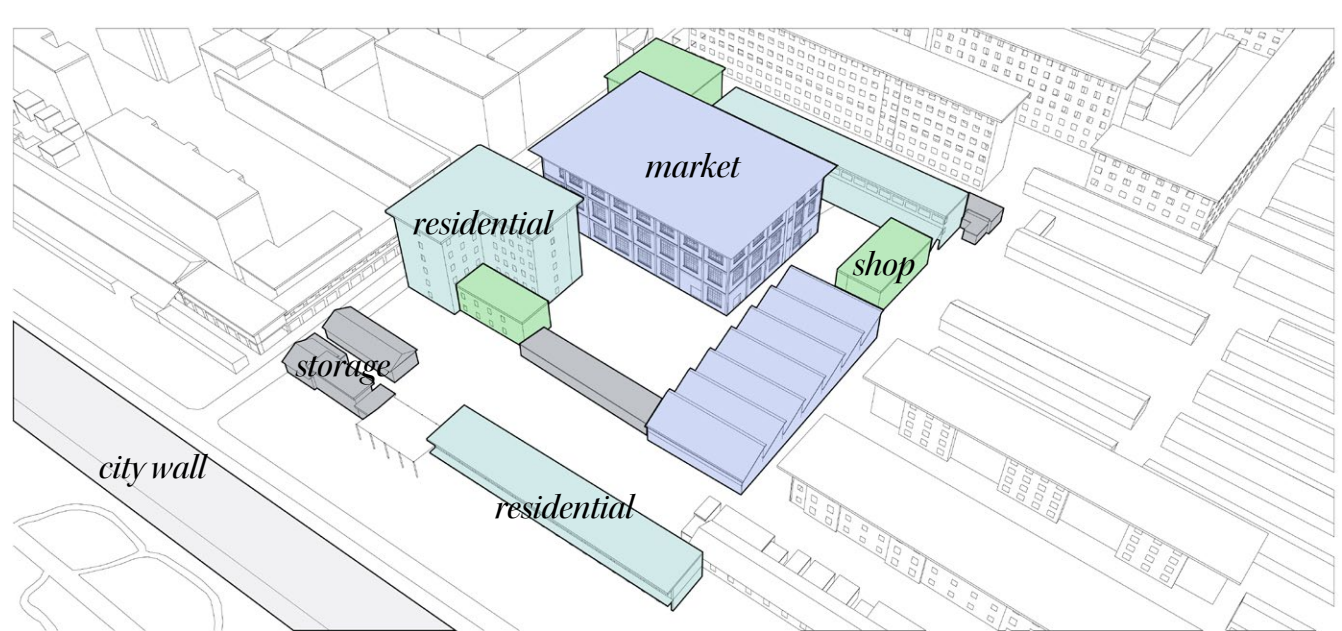
- 1 Platform
- 2 Shop
- 3 Botanic garden
- 4 Restaurant
- 5 Greenhouse
- 6 Cultural pavilion
- 7 Market area



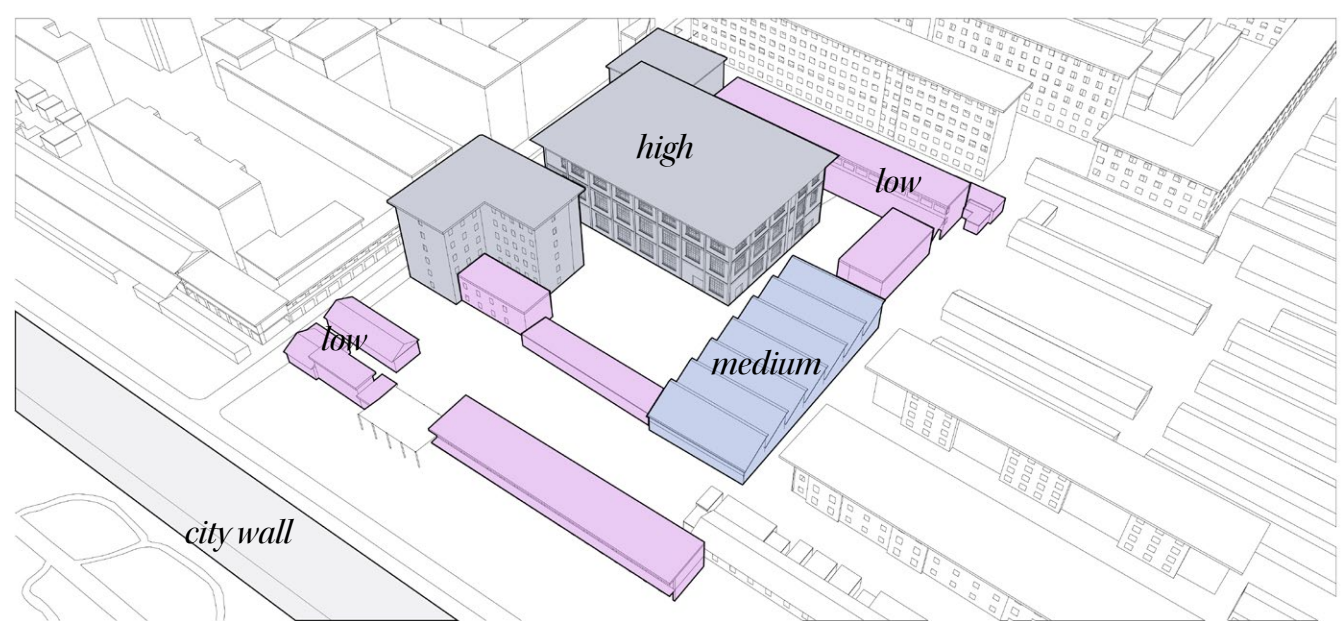
Bird view/functional detail



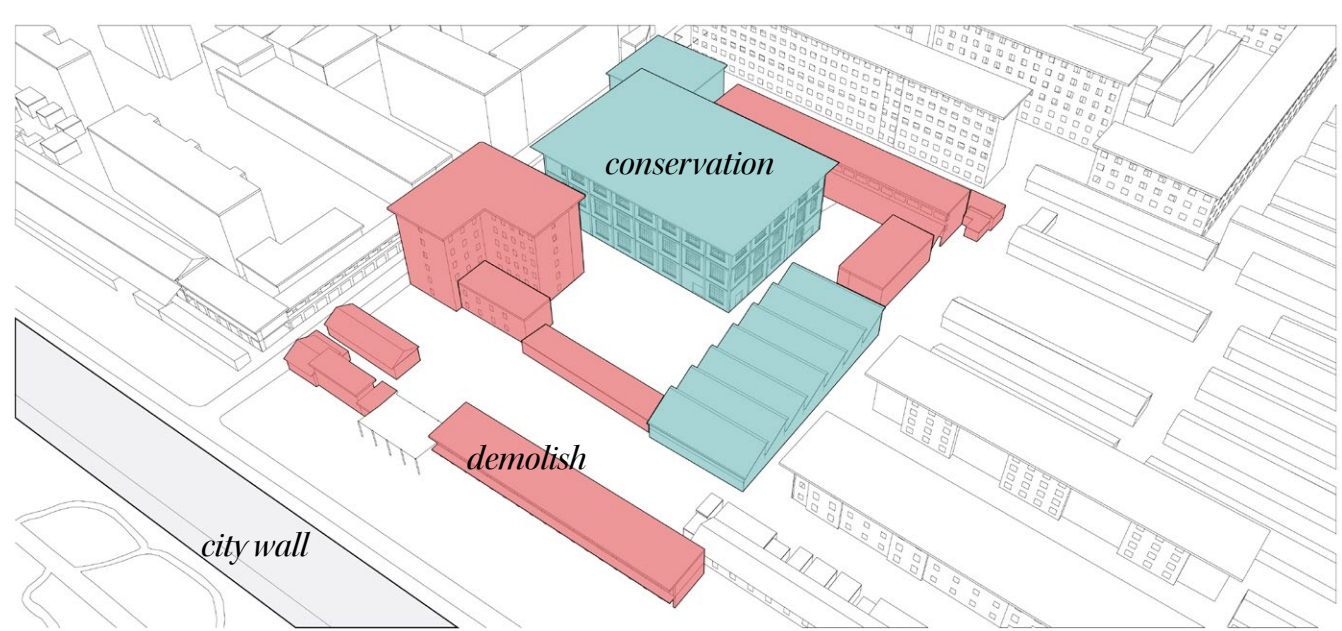
groundfloor plan of the original situation



actual functional composition



actual quality of the buildings



demolition and conservation

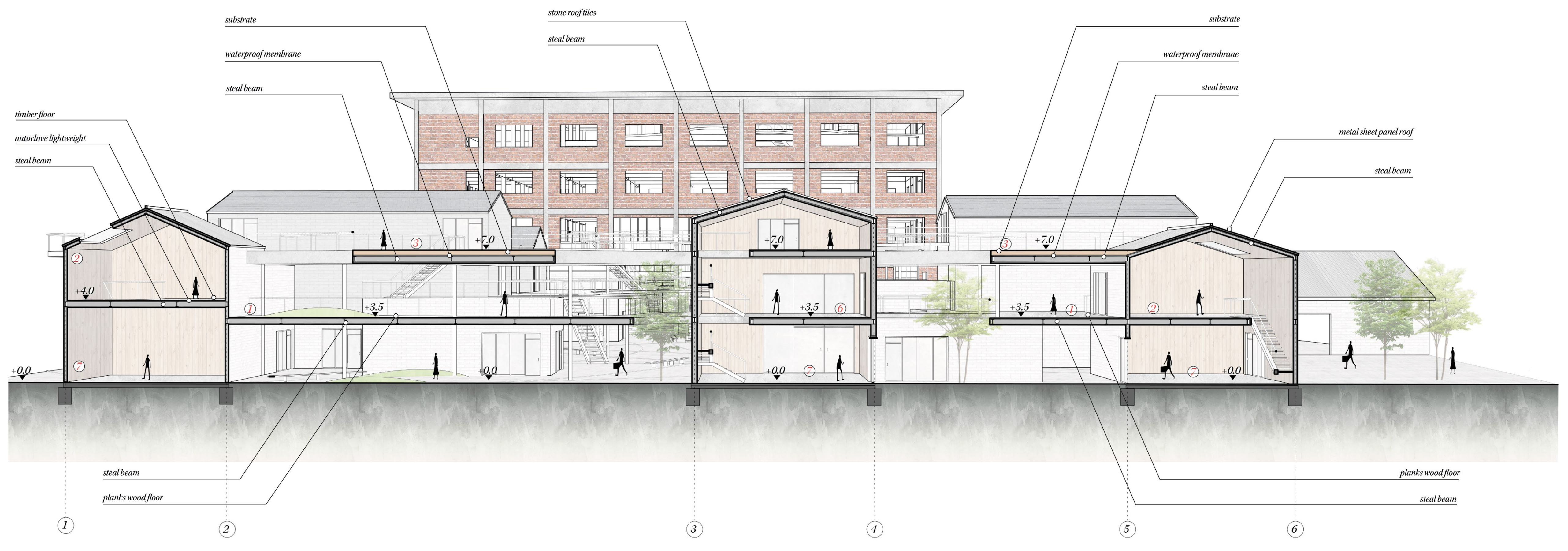
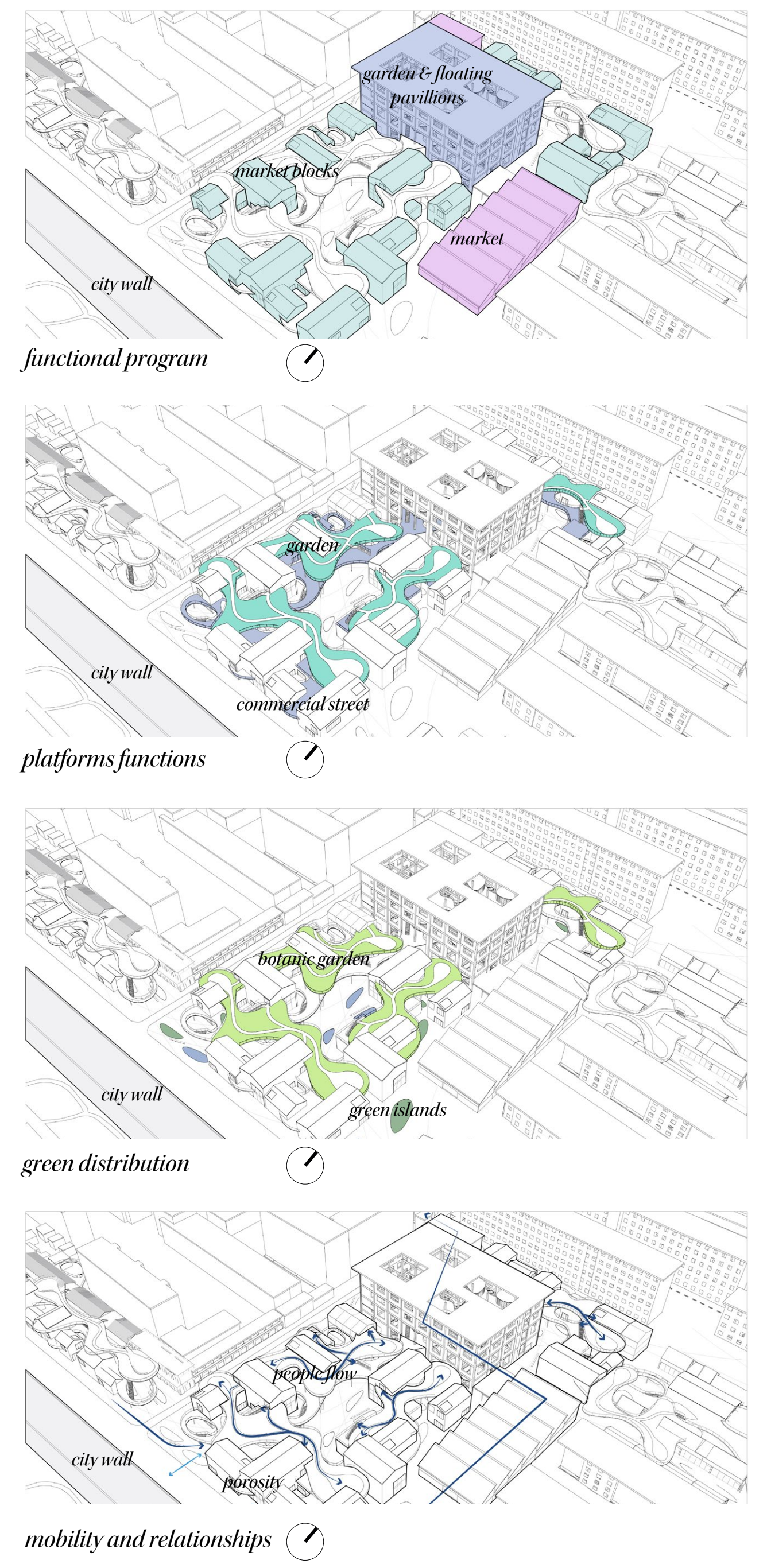


groundfloor plan for the new project solution

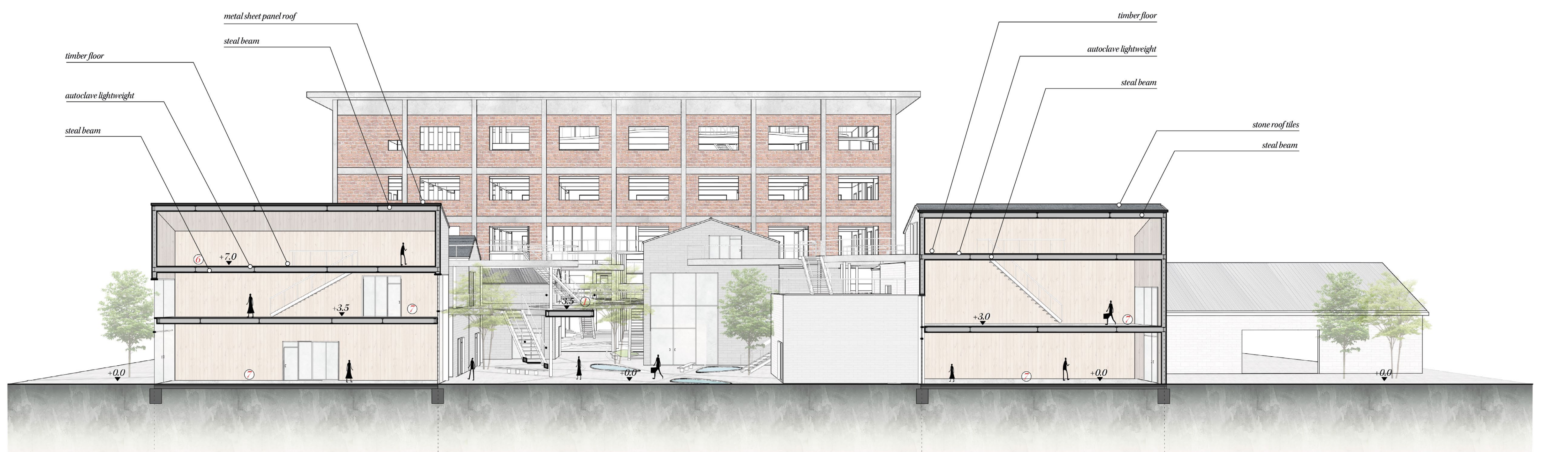




view of the interior garden in the central market



Section A-A'

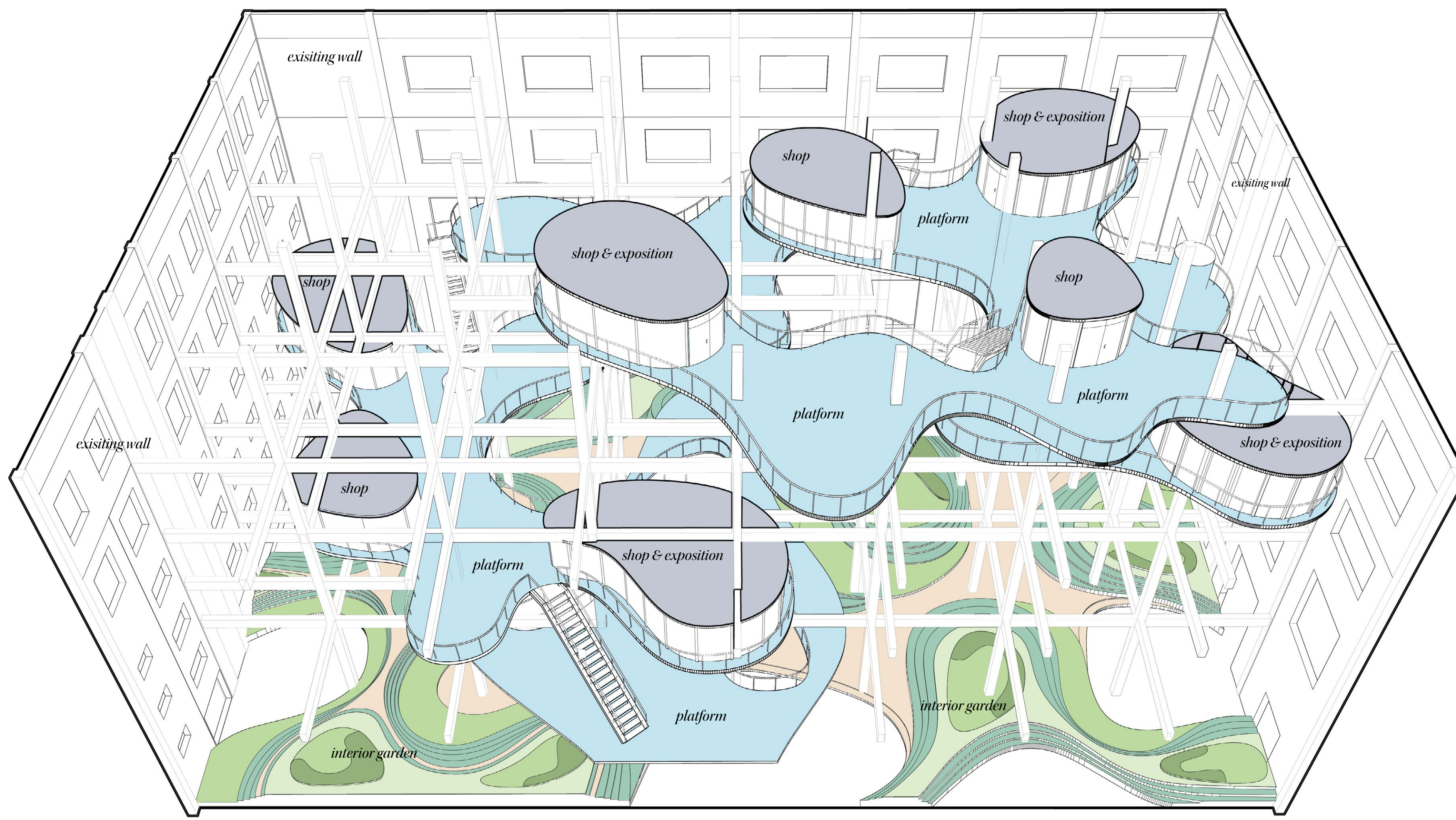


Section B-B'

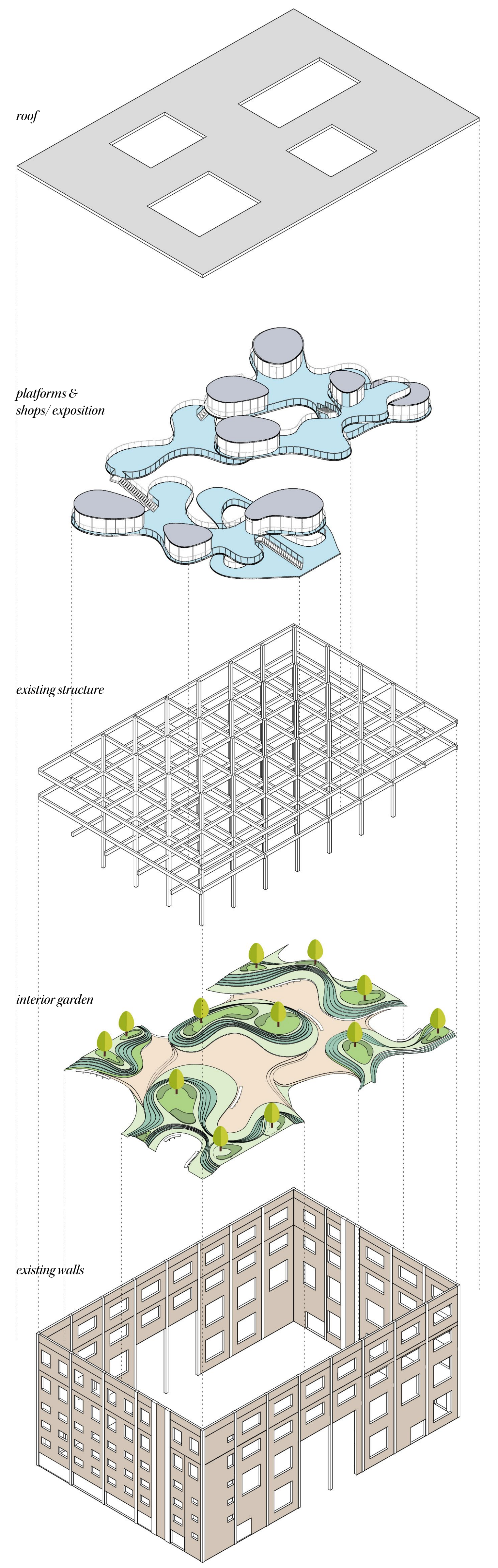
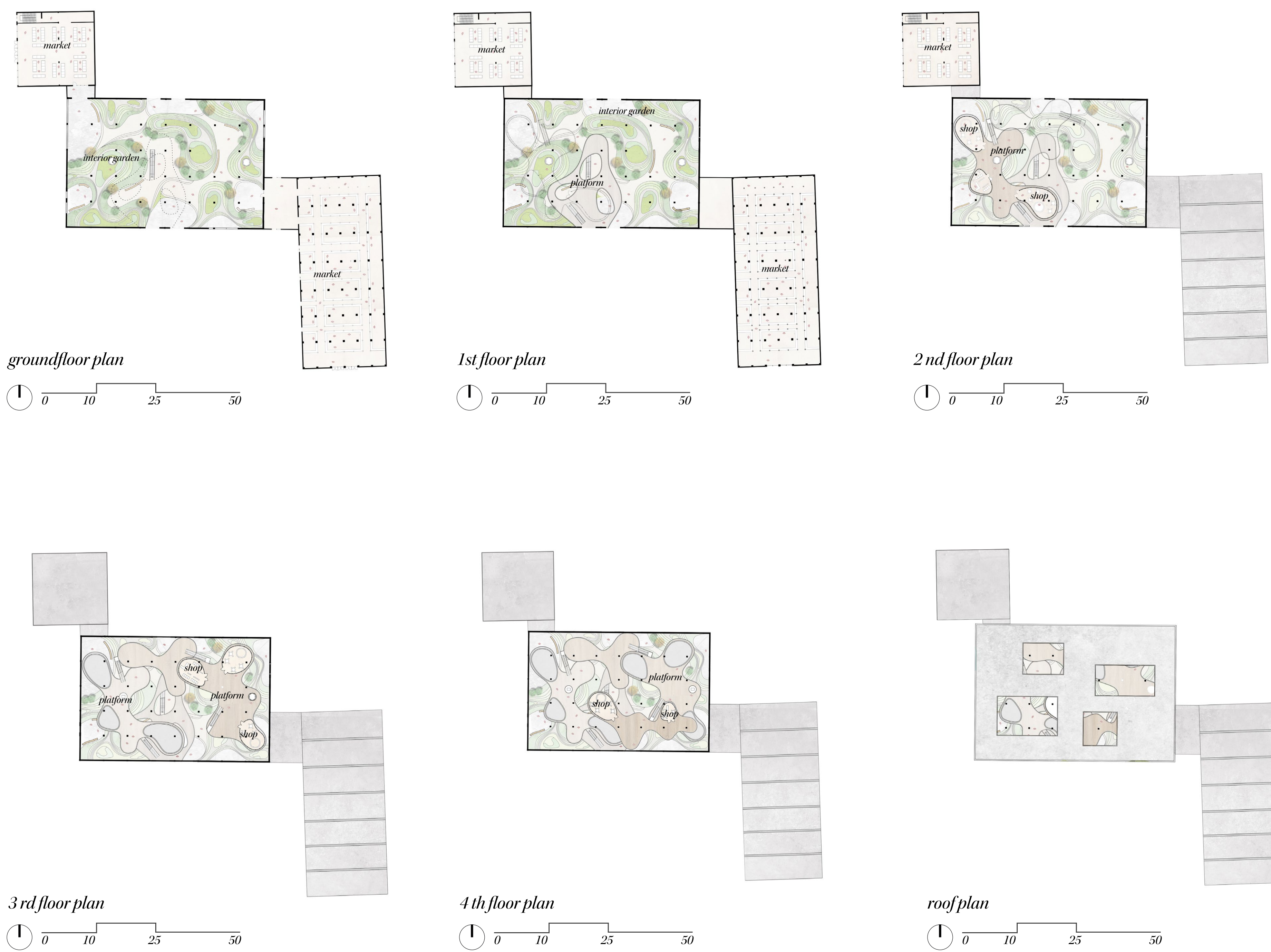


Section C-C'

- 1 Historic walls
- 2 Market
- 3 Platform
- 4 Botanic garden
- 5 Shop
- 6 Interior garden
- 7 Exhibition / shops
- 8 Cultural pavillion
- 9 Storage



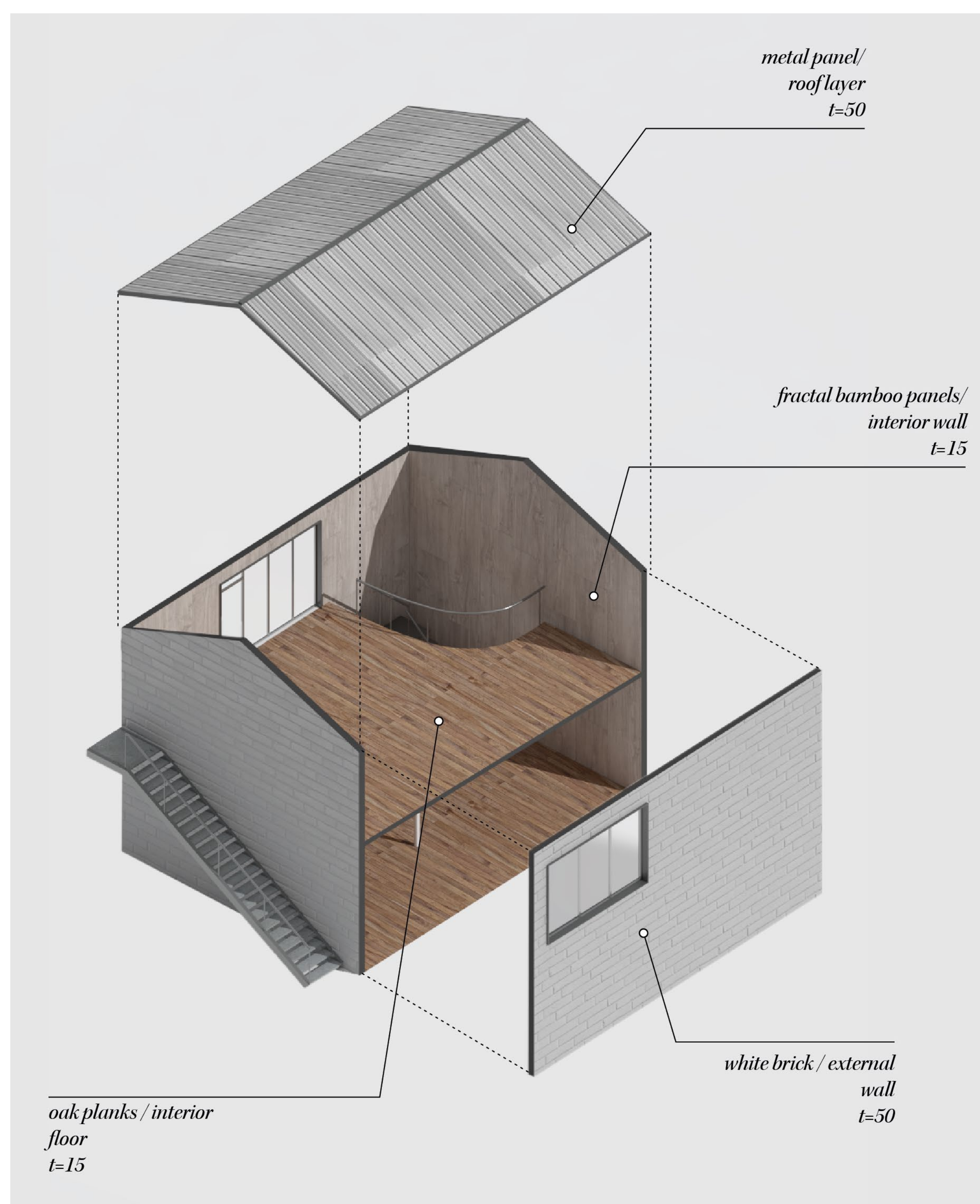
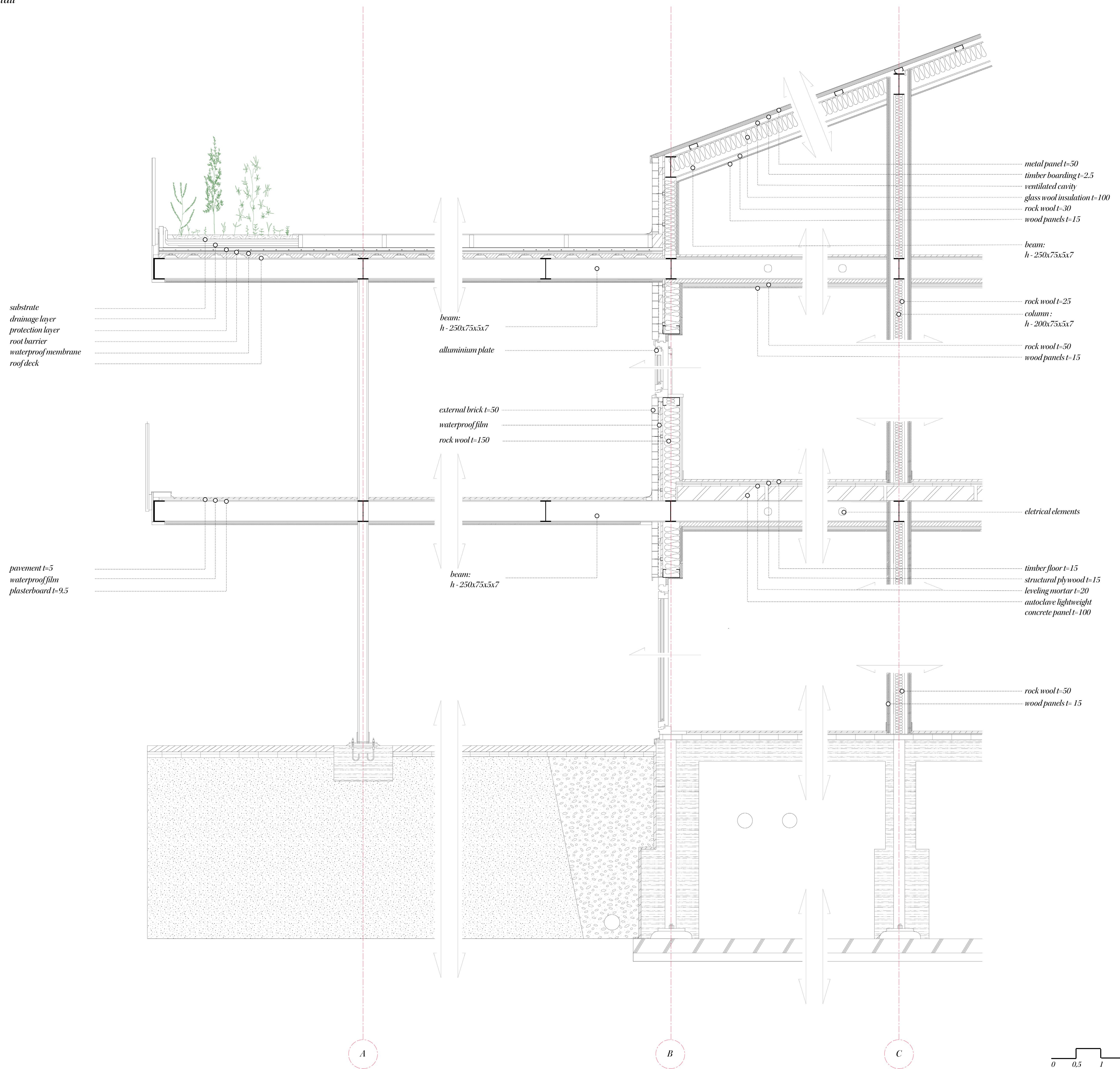
central building functional composition



explode elements composition

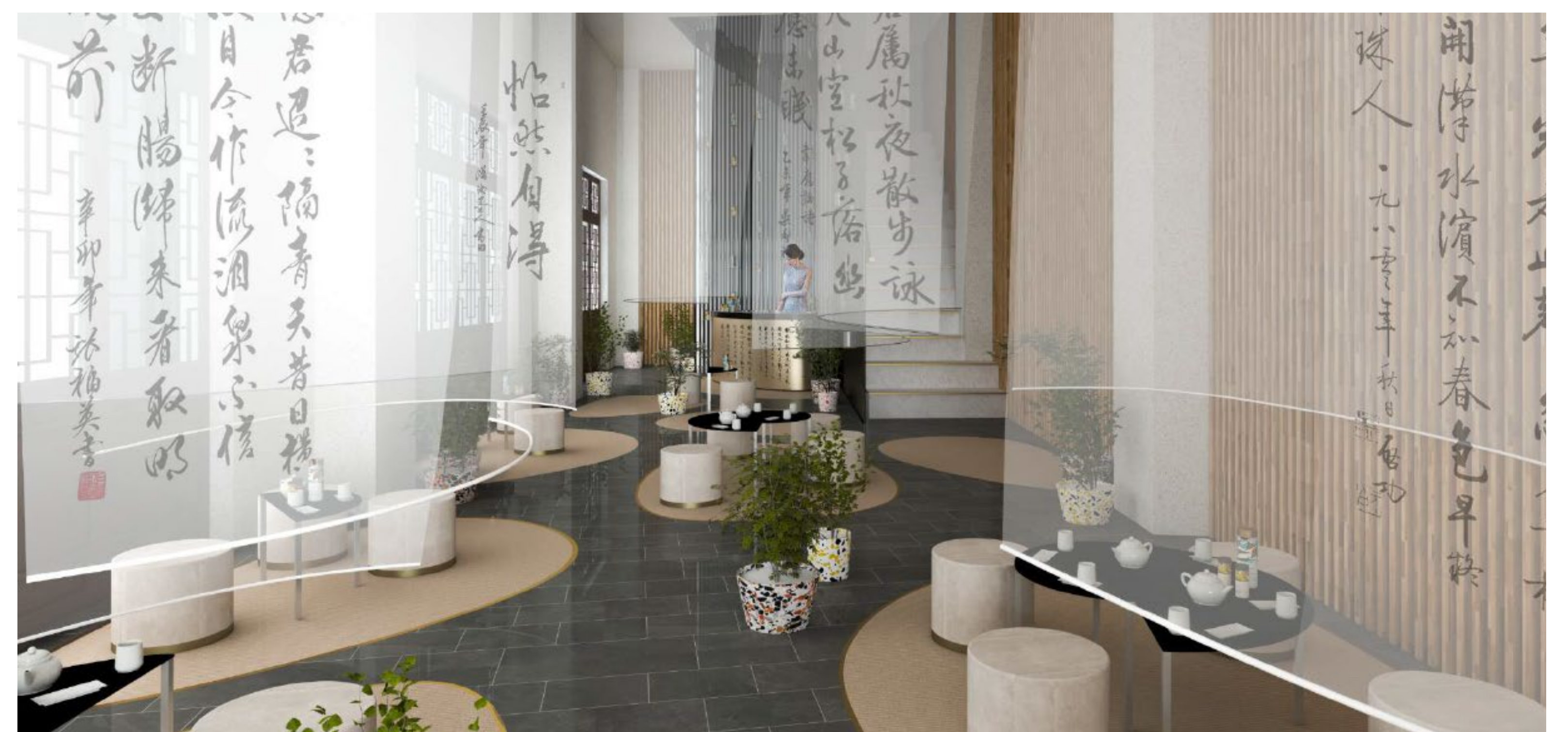


Section D-D'

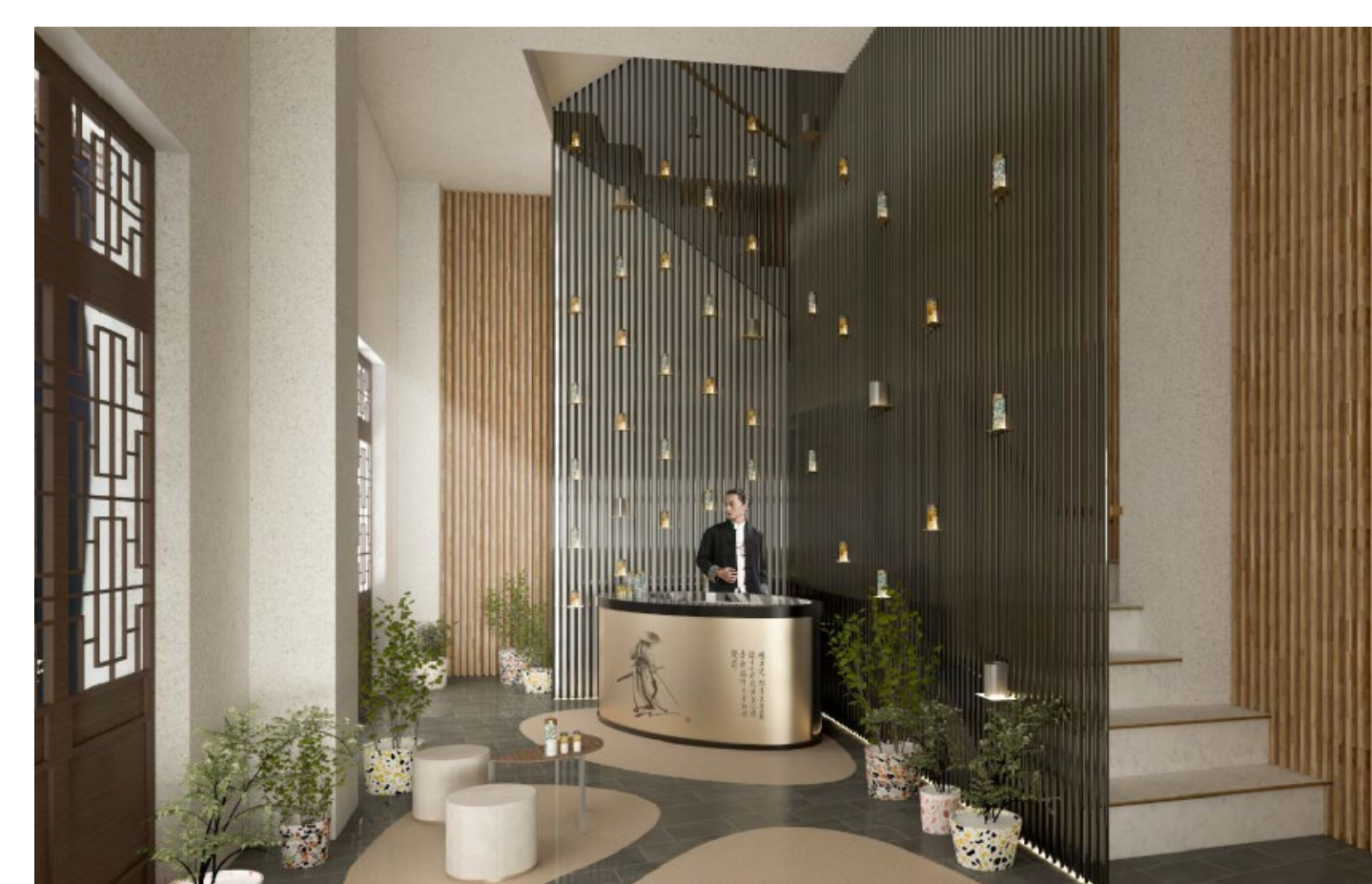


material composition

Interior composition - shop proposal



interior shop proposal



interior material selection



interior exhibition space