

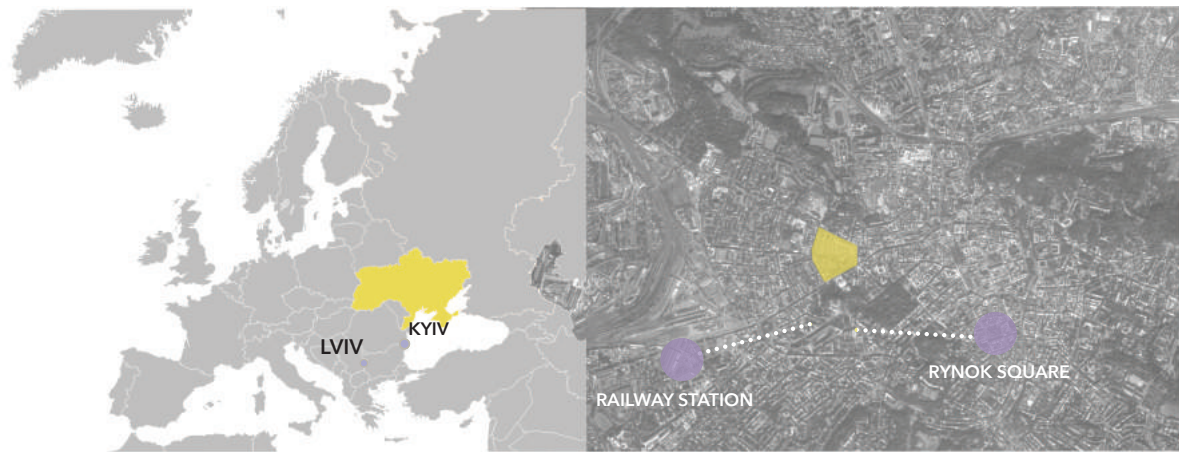
# LIVING NETWORK

A new quartier in the center of Lviv.



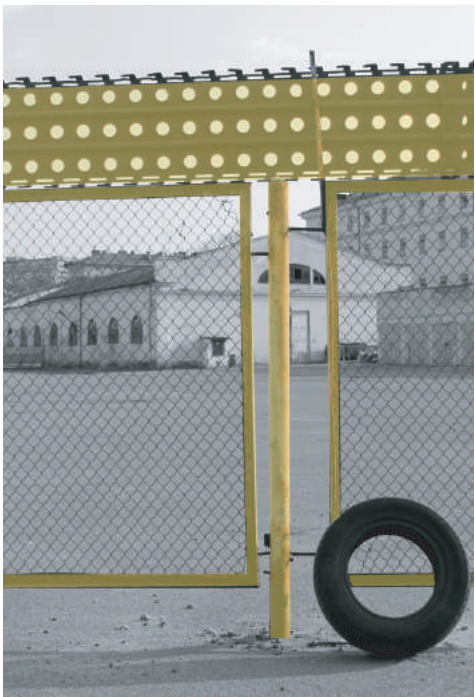
# LOCATION

Military Unit Site, Lviv, Ukraine



The project “Living Network” is developed for the Military Unit Site in Lviv, in the western Ukraine. It aims to provide high living quality in the old center in the city, by transforming an inaccessible military area into a multi-functional vibrant quartier. It aims to react to the needs of the city and its citizens. By providing social infrastructure and also high quality living, the project contributes to strengthen the connections inside the city.

# IMPRESSIONS



Barriers alongside of Shevchenka St.



Courtyards with existing balconies

# RELATION WITH THE CITY



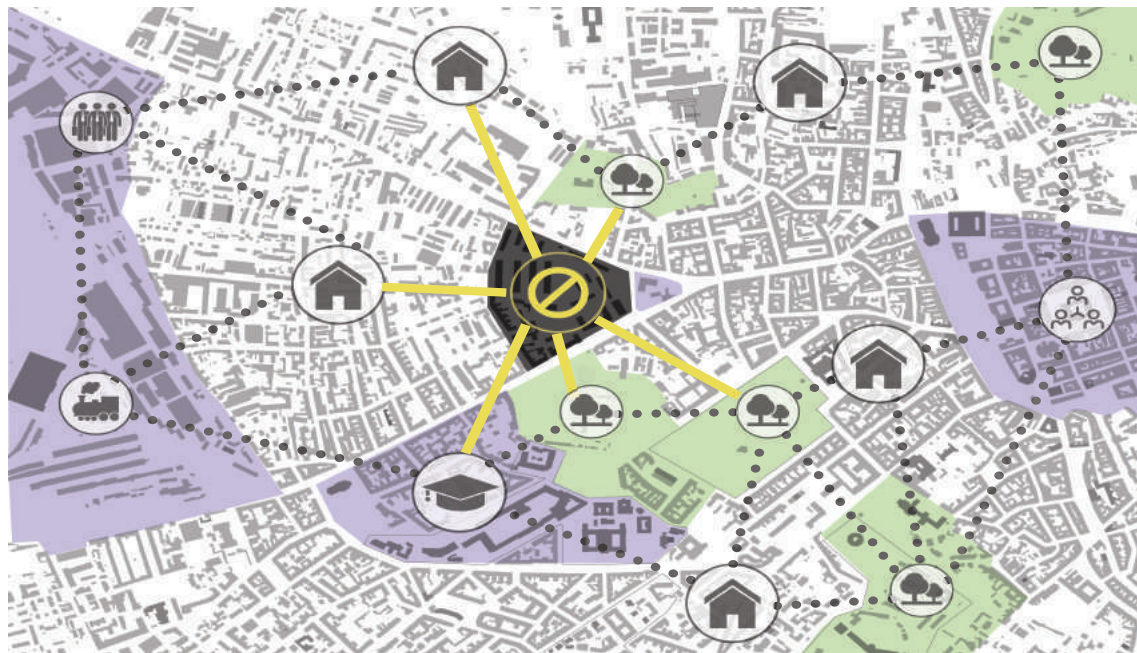
# SITE ANALYSIS



Residential Building on the Horodotska Street







Impression as an inaccessible site in the middle of the “living network” in the city  
 ● Activity Zones ● Public Green Spaces

## GOALS



## CONCEPT

### EXISTING STRUCTURES AS STARTING POINT





Courtyards are an integral part of the structures in the old city. The main square Rynok also resembles an enclosed courtyard.

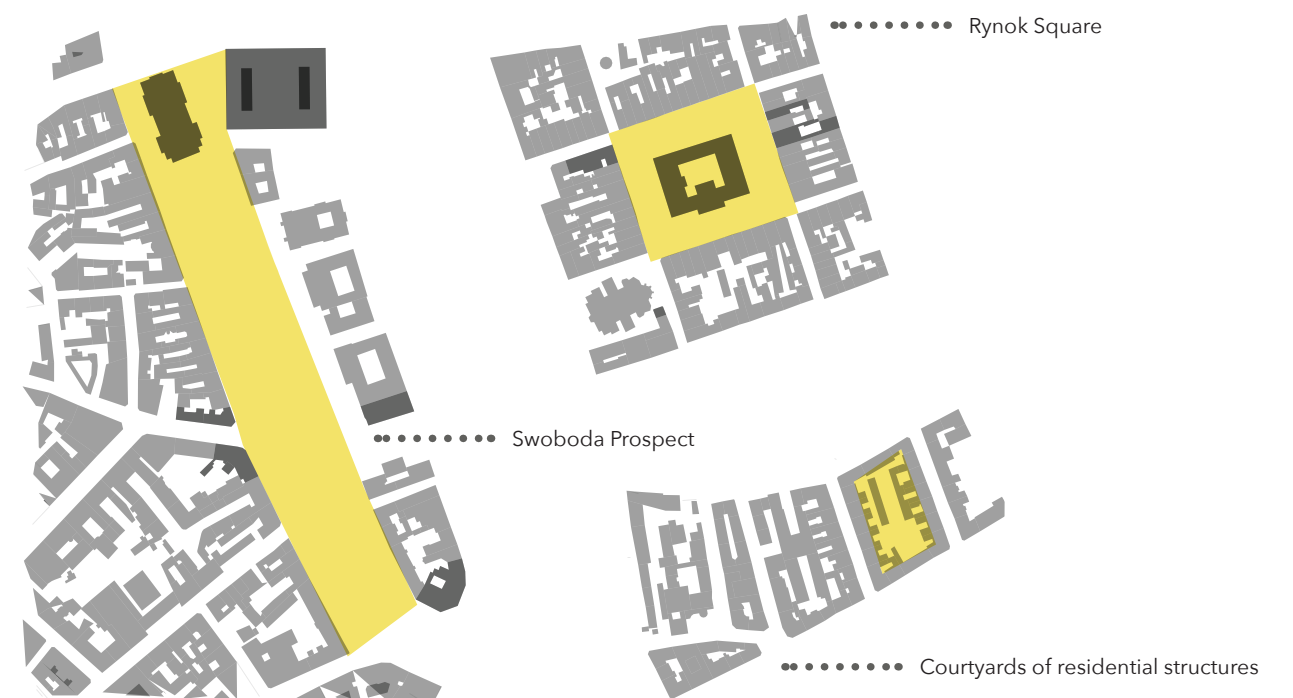
The Swoboda Prospect is a green belt around the old city, which is very frequently used by the citizens and tourists.

## WEAKNESSES

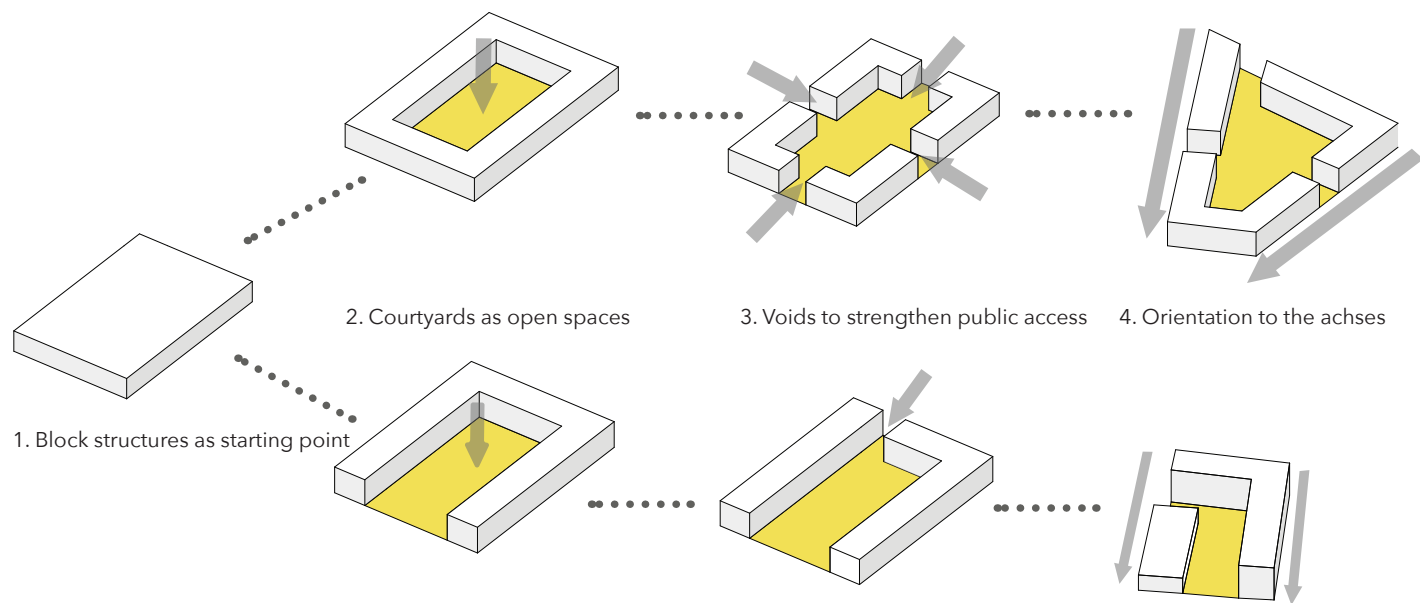
-  Lack of affordable housing
-  Restricted accessibility
-  Lack of green spaces
-  Lack of public spaces

## POTENTIALS

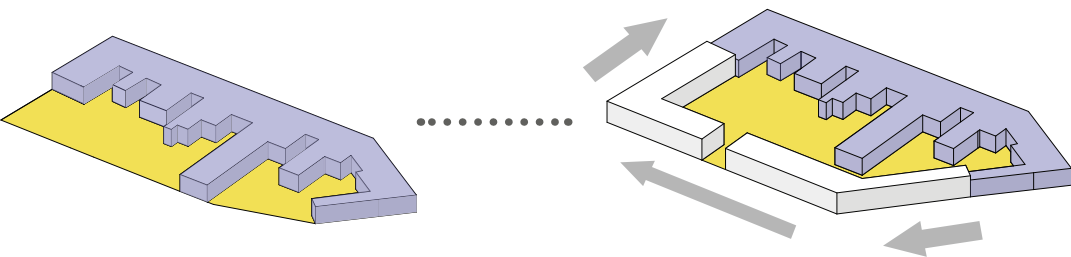
-  Centrality
-  Strong identity of the area
-  Landscape/ Topography
-  Point of connection



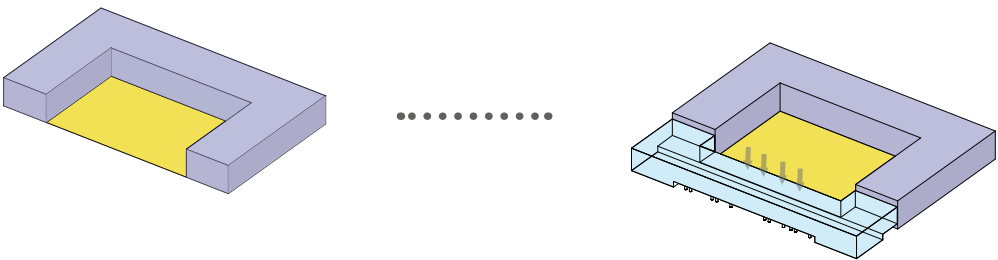
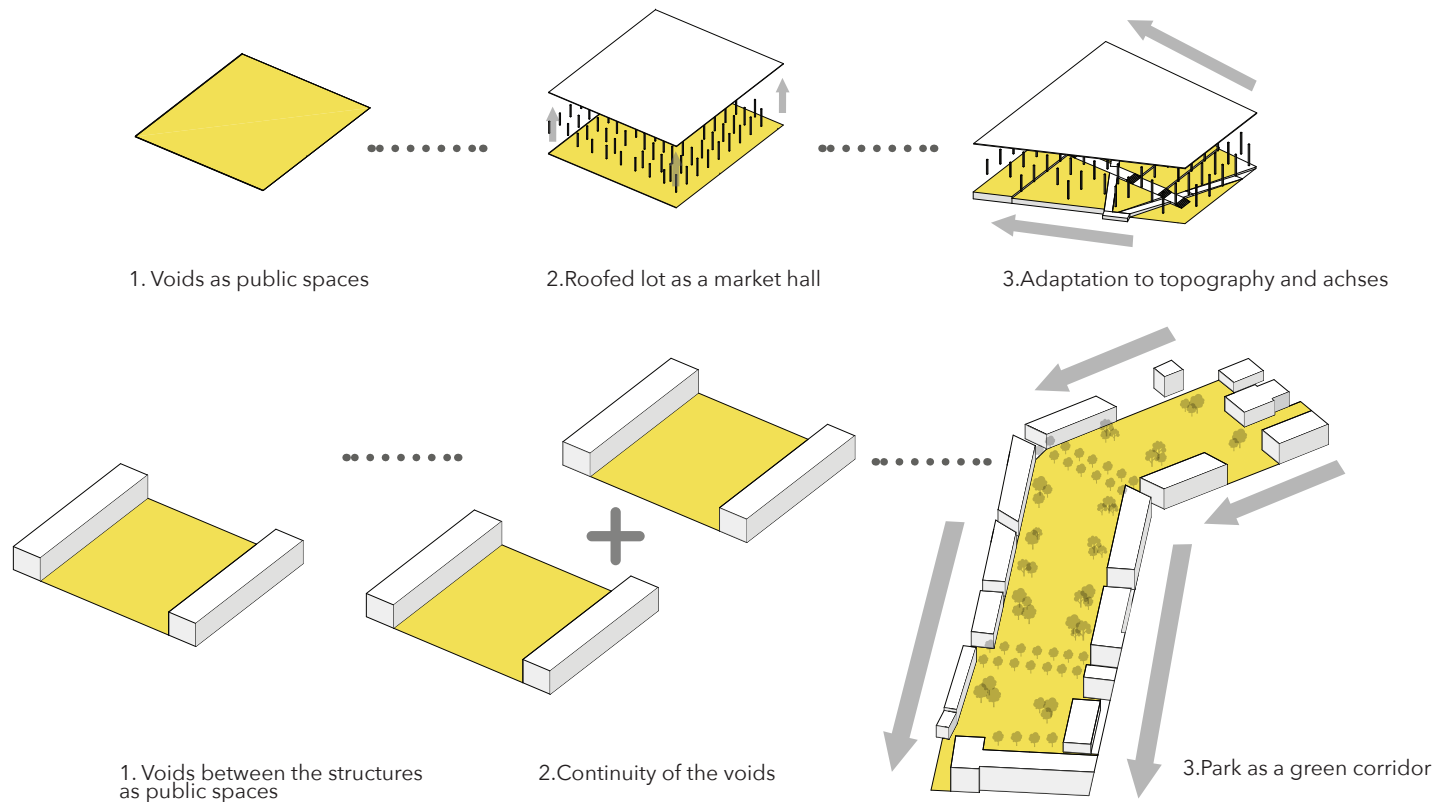
# BUILDING STRUCTURES



# REACTION TO THE EXISTING STRUCTURES ON THE SITE

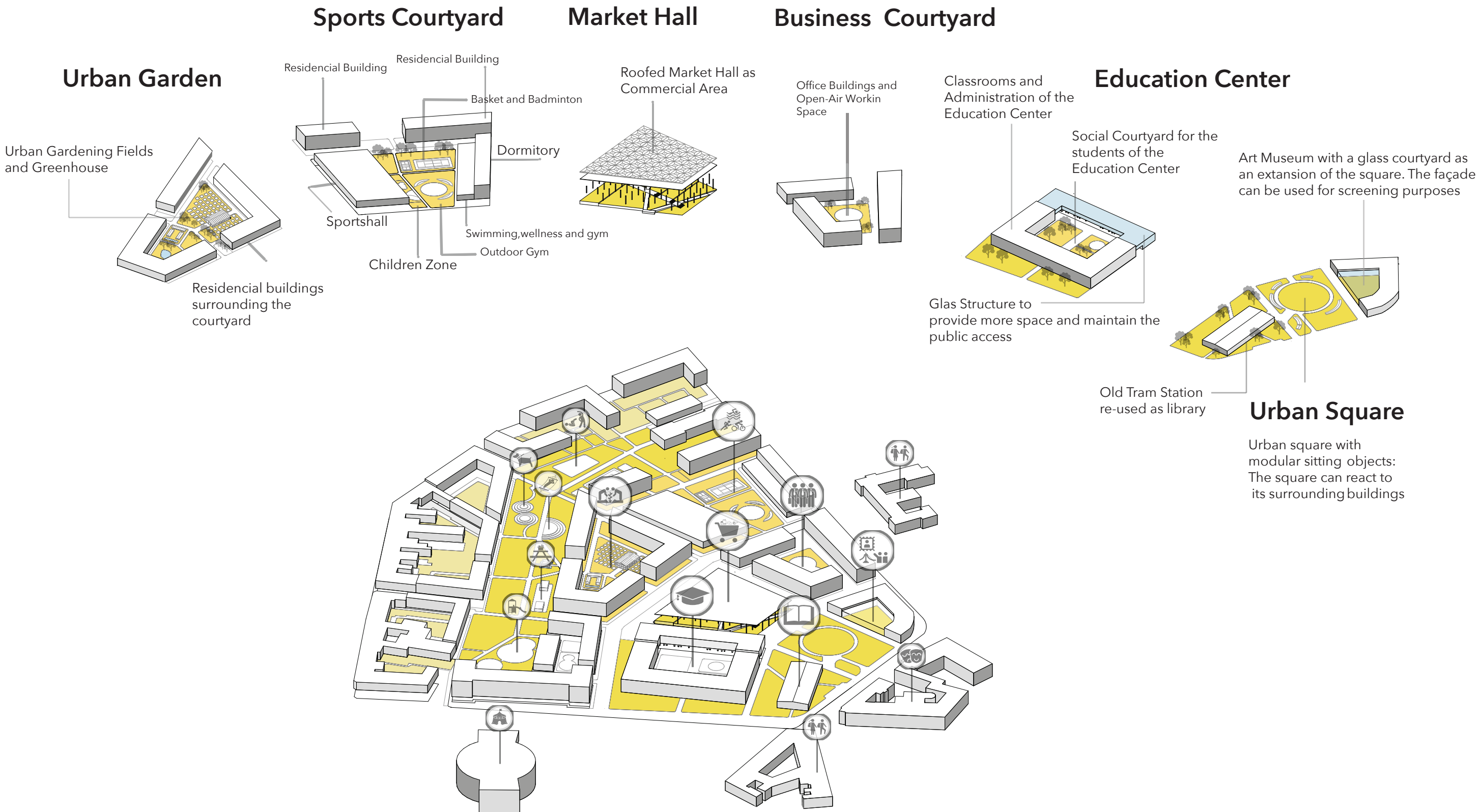


# PUBLIC SPACES

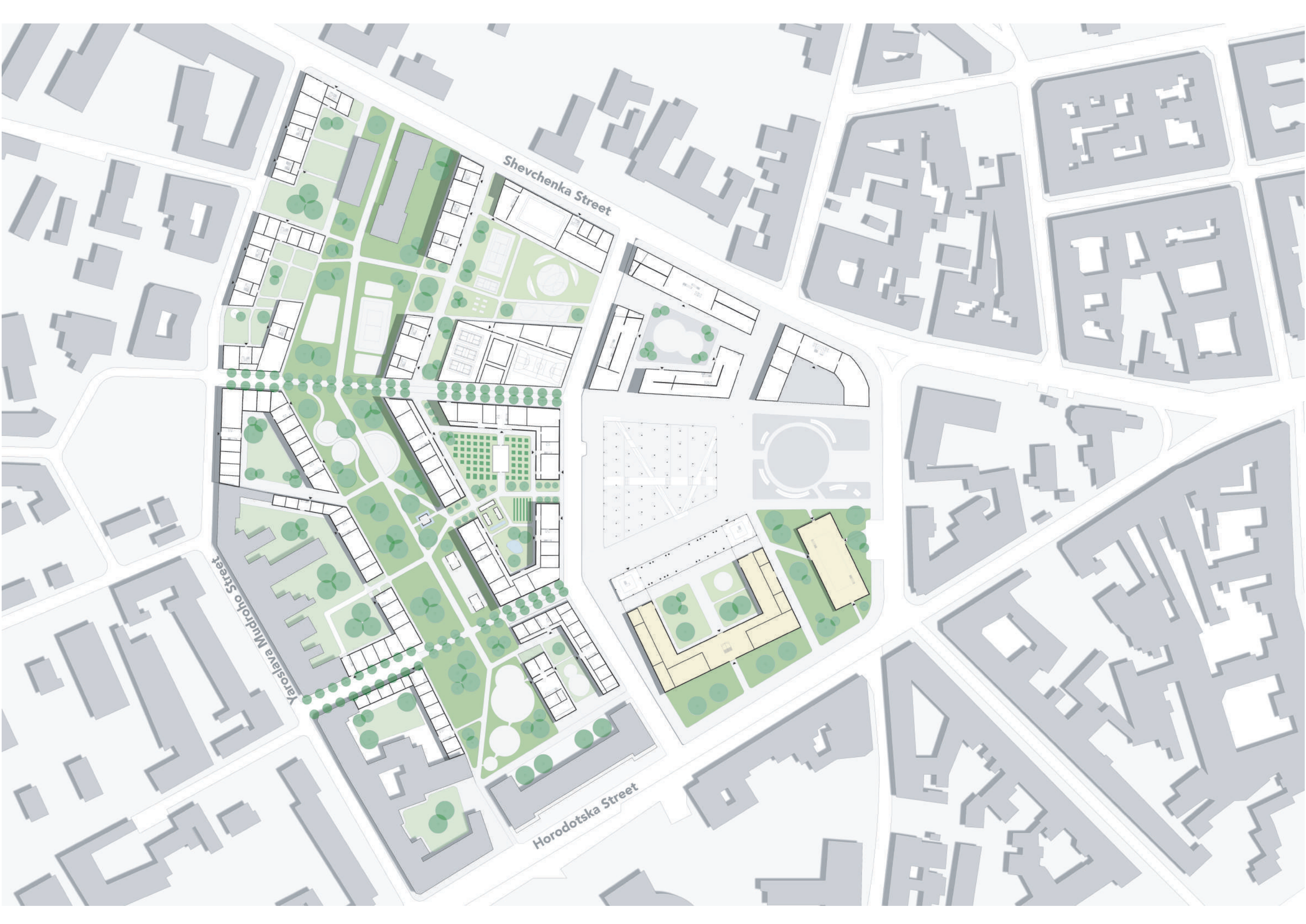




# PUBLIC SPACE PROGRAMMING / CLOSE-UP

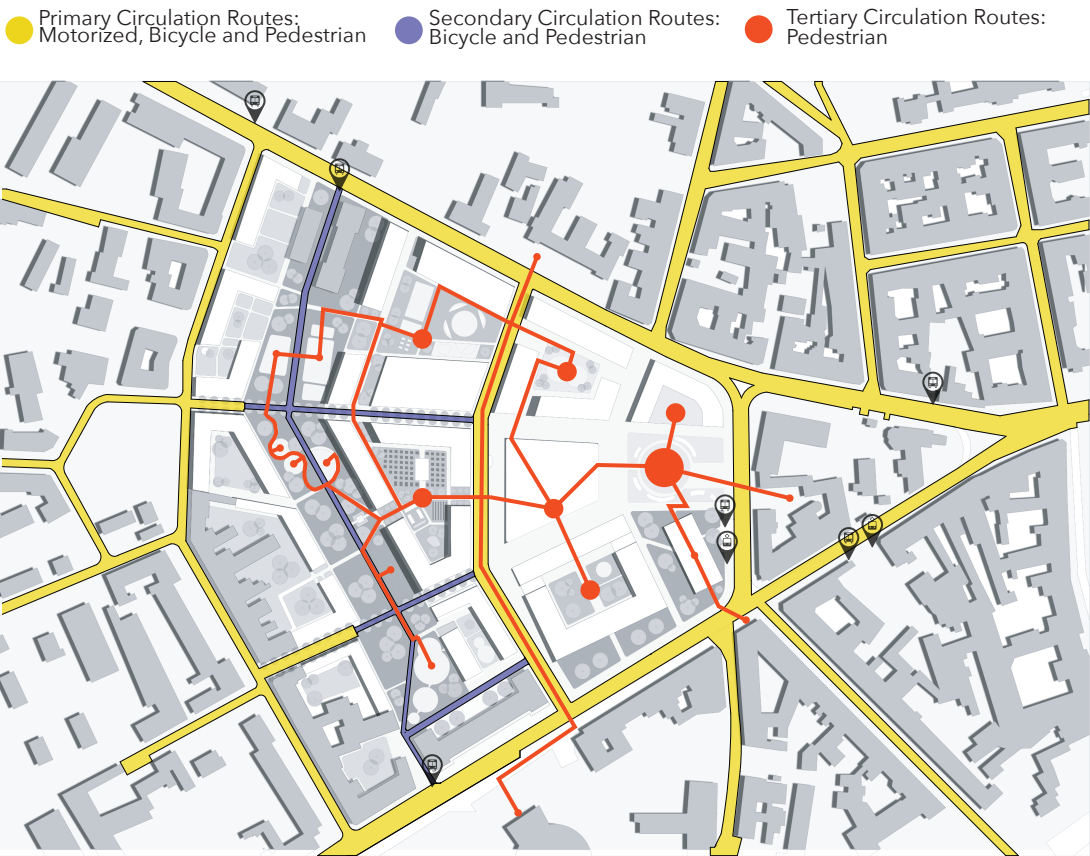




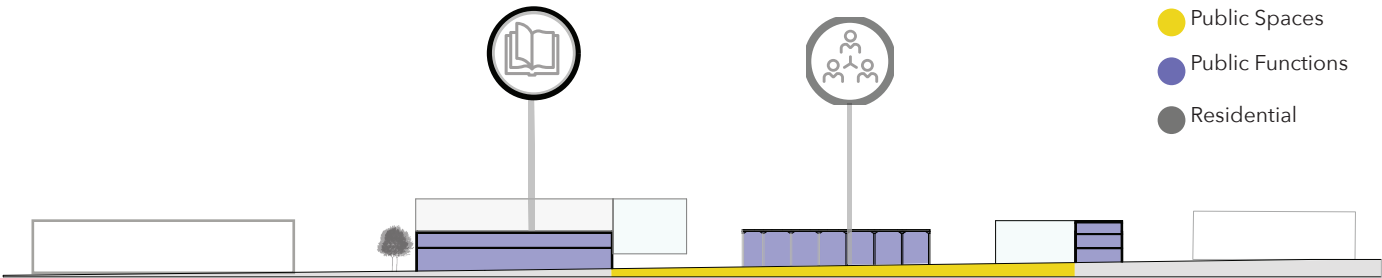




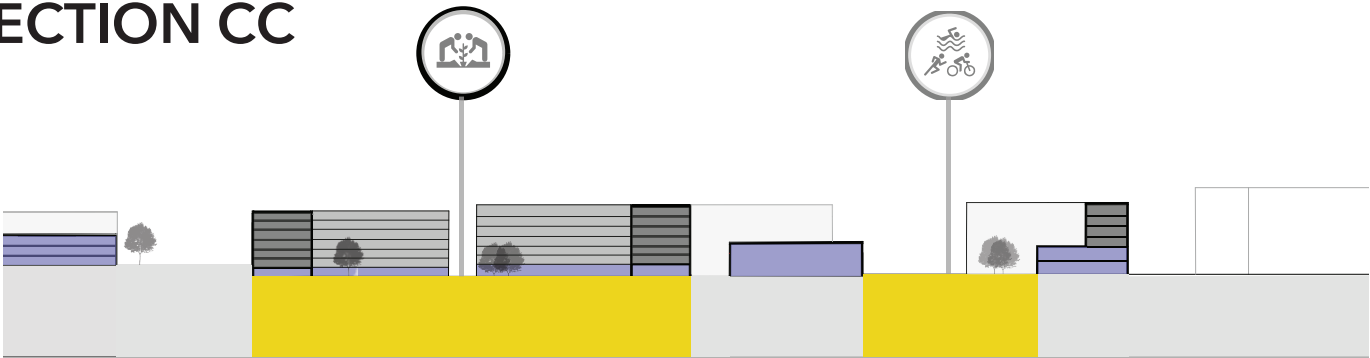
# CIRCULATION MAP



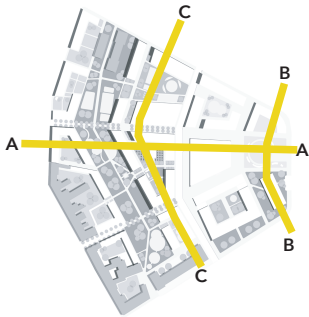
## SECTION BB



## SECTION CC



## SECTION AA



# FOCUS: URBAN GARDEN AND MARKET HALL



- 1. Urban Gardening Info Center and Entrance
- 2. Workshops
- 3. Classrooms
- 4. Greenhouse
- 5. Planting Area
- 6. Community Kitchen
- 7. Café
- 8. Farming terraces
- 9. Rain Garden
- 10. Play Room
- 11. Retail Shop



- Gastronomy and Events
- Crafts and Miscellaneous
- Groceries and Farming Products
- Meat Products
- Delivery, Entrance

## URBAN GARDENING

The Urban Gardening Courtyard is inspired by the attempts, which were observed during the investigation in the city. The courtyards and even the pavements were occupied by the plants and flowerpots.

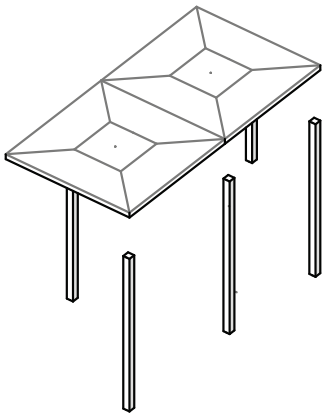
To strengthen the idea of urban gardening in a community, the residential buildings surrounding the courtyard were designed with wide access balconies. As a result, the circulation areas around the courtyard are becoming social spaces where the dweller spend their time. The ground floor is reserved for communal areas but also for an Urban Gardening Center where the citizens can be informed and educated about the topic.

## MARKET HALL

The Market Hall creates a vibrant public space which is also fulfilling the need of commercial programm area.

The roof is constructed by modular blocks and the hall has its own "streets" which connect the square to different courtyards. The platforms integrated according to the topography enables different zoning and programming in the area.

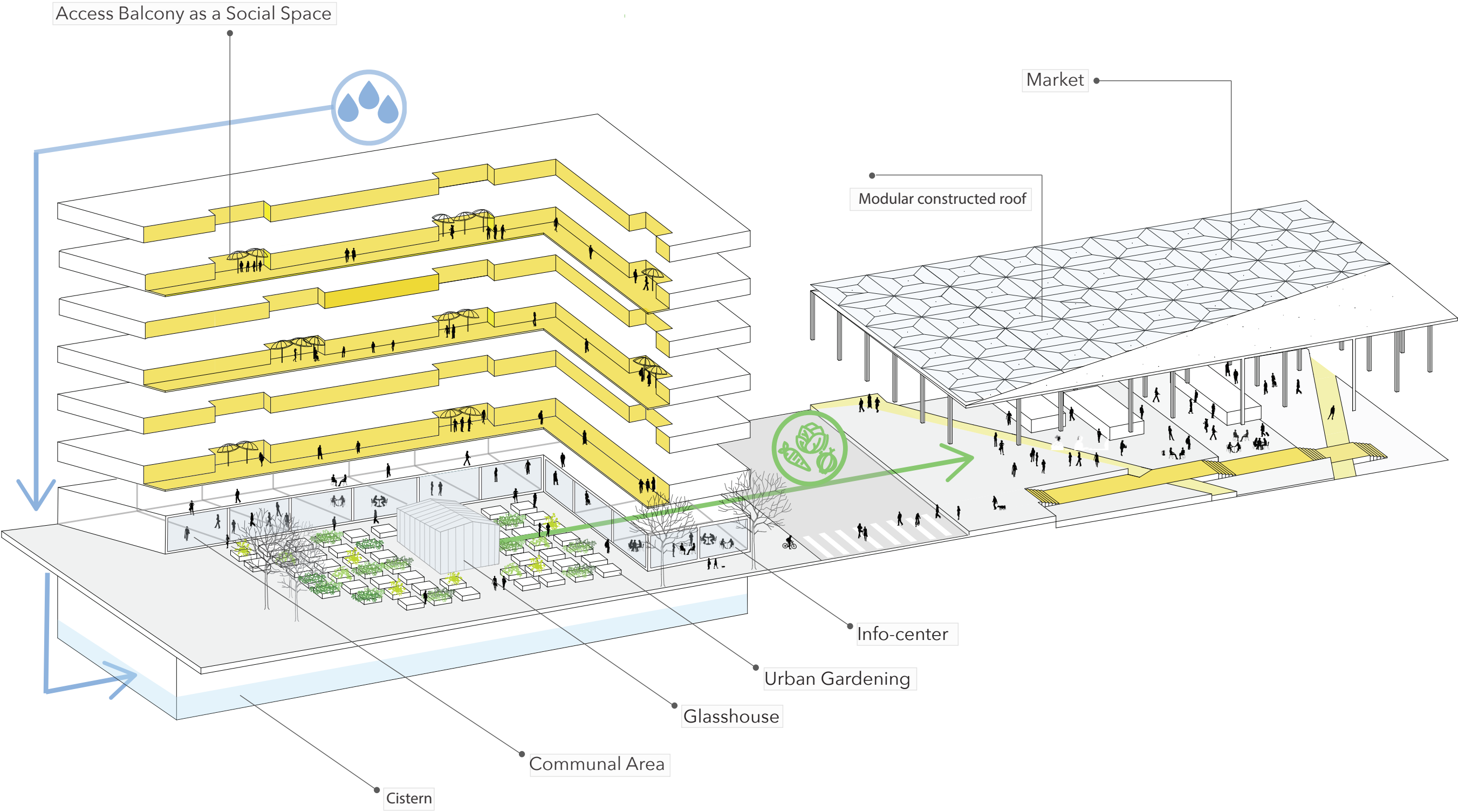
Moreover the Market Hall and the Urban Garden are located strategically to strengthen the network between them, enabling an exchange/circulation.



Modular constructed roof of the Market Hall



# CONNECTION OF THE URBAN GARDEN AND THE MARKET







## PROJECT IN NUMBERS



Total m<sup>2</sup> of the built area: 167069 m<sup>2</sup>

Total m<sup>2</sup> of the dwellings: 97970 m<sup>2</sup>

Estimated number of citizens: 3918 m<sup>2</sup>

Floor Space Index: 1,85



Piazza: 5421 m<sup>2</sup>



Market space: 5560 m<sup>2</sup>



Urban gardening: 2140 m<sup>2</sup>



Sport: 3502 m<sup>2</sup>



Park: 18577 m<sup>2</sup>





1028766, Ilkcakin Hande  
1325337, Papo Deyvi

**Vienna University of Technology**  
faculty for architecture and regional  
planning austria

260.412 Urban Density Lab Lemberg 2017 260.457 / 260.456  
Andreas Hofer [vie], Christian Gigler [vie], Norbert Trolf [vie], Bohdan Tscherkes [Iviv],  
Halyna Petryschyn [Iviv], Anton Kolomeyeytsev [Iviv], Roman Liubytssyy [Iviv],  
Julian Chaplinsky

**URBAN  
DENSITY** LAB 2017

**LVIV**

**TU  
WIEN**

**Städtebau** TU Wien

**LANDSCAPE** TU  
WIEN  
WWW.LANDSCAPE.TUWIEN.AT

**Ukrainian  
Architectural  
Federation**

**bmwfw**  
Federal Ministry of  
Science, Research and Economy

**oead**

**oead**



