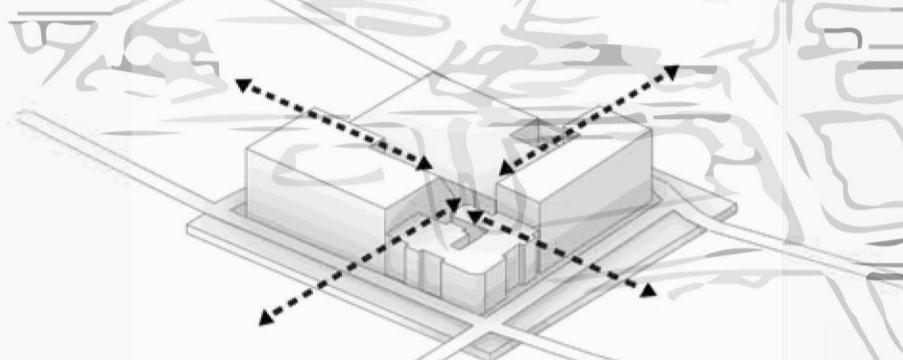


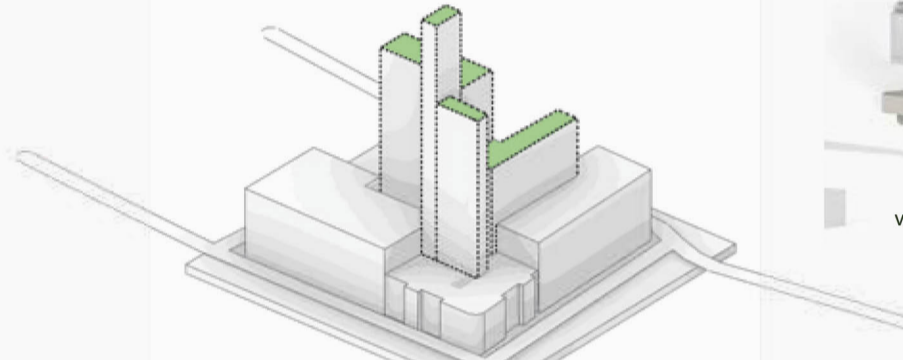
GREEN IN THE CITY

The project aims to maintain an existing pattern and strengthen the existing block tissue by utilizing the inner courtyard created from the connection of the buildings in the block. Using the inner courtyard and extraction its potential without harming existing buildings: adding more functions that serve the block, utilizing the courtyard for new constructive systems and introducing a green layer within the city that contains agricultural movement and urban gardens that serve the existing population. Empowering the presence of the inner courtyard as a green system - a planning model that can be replicated in any urban block with similar features while preserving the existing texture and the buildings that make it up.

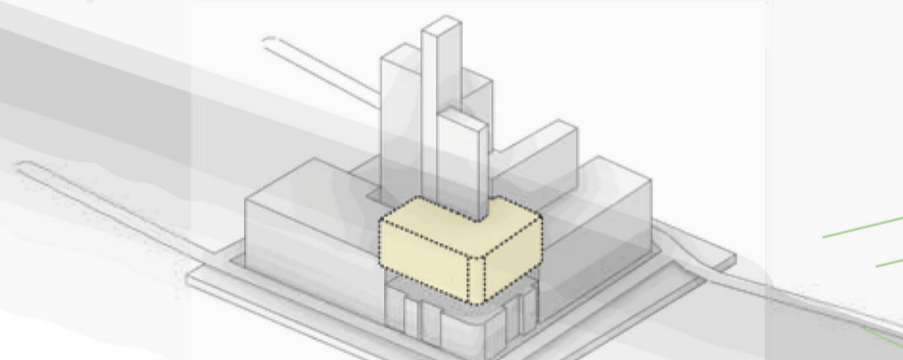
DESIGN PROCESS



ENTRANCES Accessibility of the inner courtyard by creating new entrances to the block.



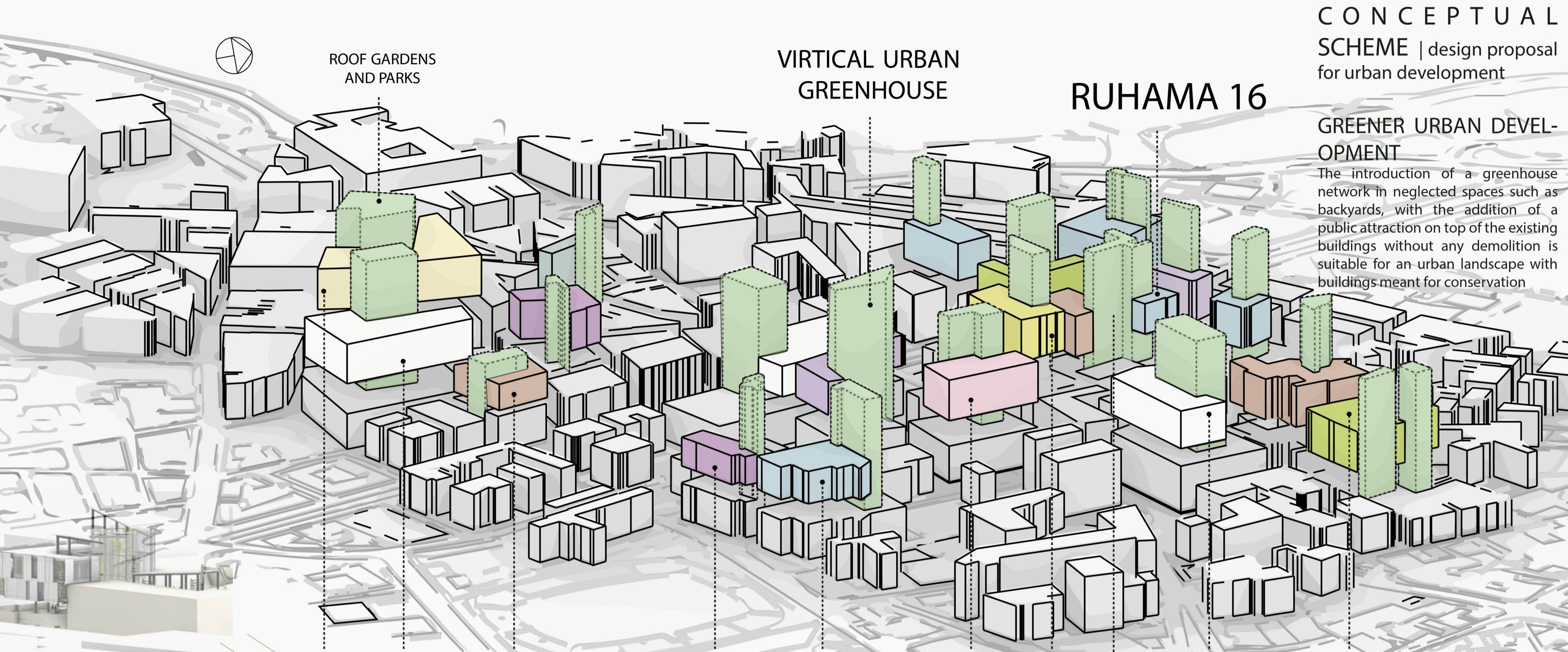
COURTYARDS Introducing a vertical agricultural movement to the courtyards, a function that serves the environment close to the block.



ADDITION reconstruction of the existing structure shape and continuation of the urban pattern with the use of the yard to plant the new construction.



view to the courtyard



ROOF GARDENS AND PARKS

VIRTICAL URBAN GREENHOUSE

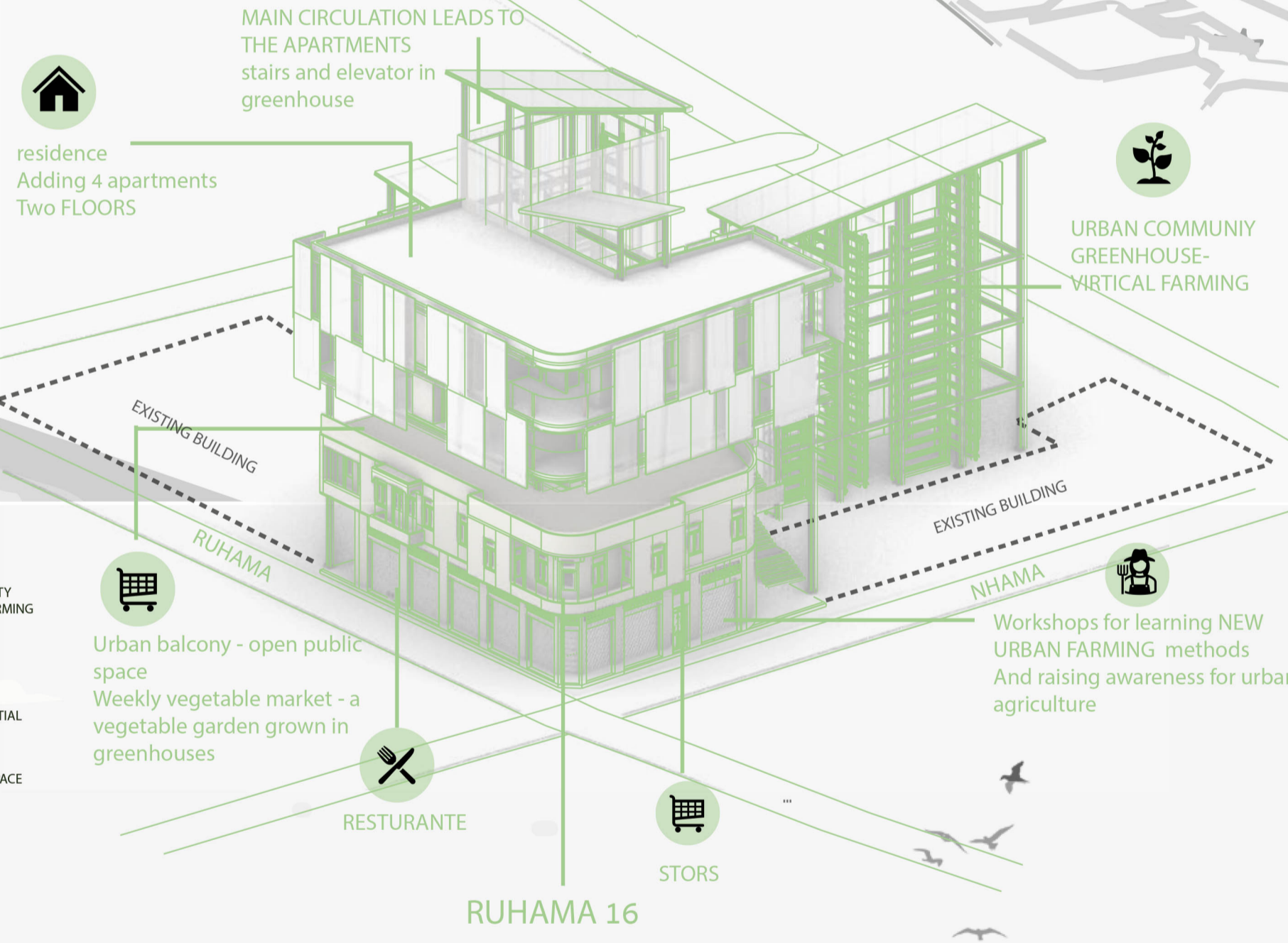
RUHAMA 16

CONCEPTUAL SCHEME | design proposal for urban development

GREENER URBAN DEVELOPMENT

The introduction of a greenhouse network in neglected spaces such as backyards, with the addition of a public attraction on top of the existing buildings without any demolition is suitable for an urban landscape with buildings meant for conservation.

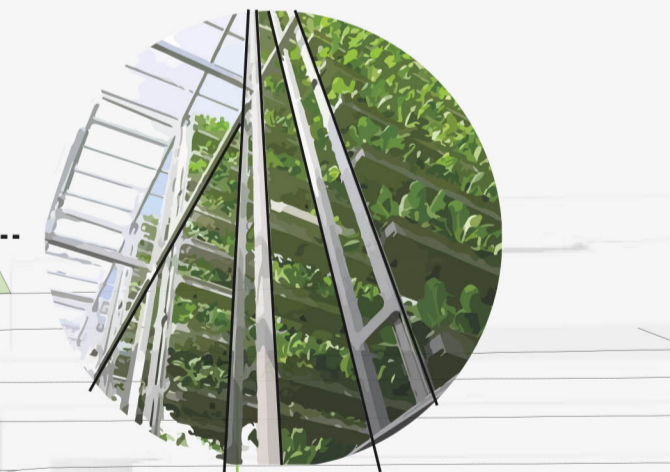
CULTURAL CENTER OFFICES BUSINESS PARK PUBLIC SPACES RESIDENTIAL THEATER URBAN LIBRARY OFFICES URBAN SPACES



SECTION A-A SCALE 1:250 Passes through the existing structure and the addition of the residence and courtyard between the buildings - with the vertical greenhouse

TERTSA STREET EXISTING BUILDING VIRTICAL URBAN GREENHOUSE VIRTICAL URBAN GREENHOUSE FOR GROWING PLANTS RAIN WATER DRAINAGE POOL VIRTICAL URBAN GREENHOUSE ELEVATOR URBAN BALCONY WEEKLY VEGETABLE MARKET RUHAMA 16 RUHAMA STREET

- Determining the function of courtyards - why agriculture in the city? Why Vertical Farming**
- Efficient use of areas in the urban space - the greenhouses occupy a relatively small area and can reach up to the height of the building
- Significant shortening of the food supply chain to the city
- Accessibility of quality agricultural produce in the big city
- Creating community places for the population



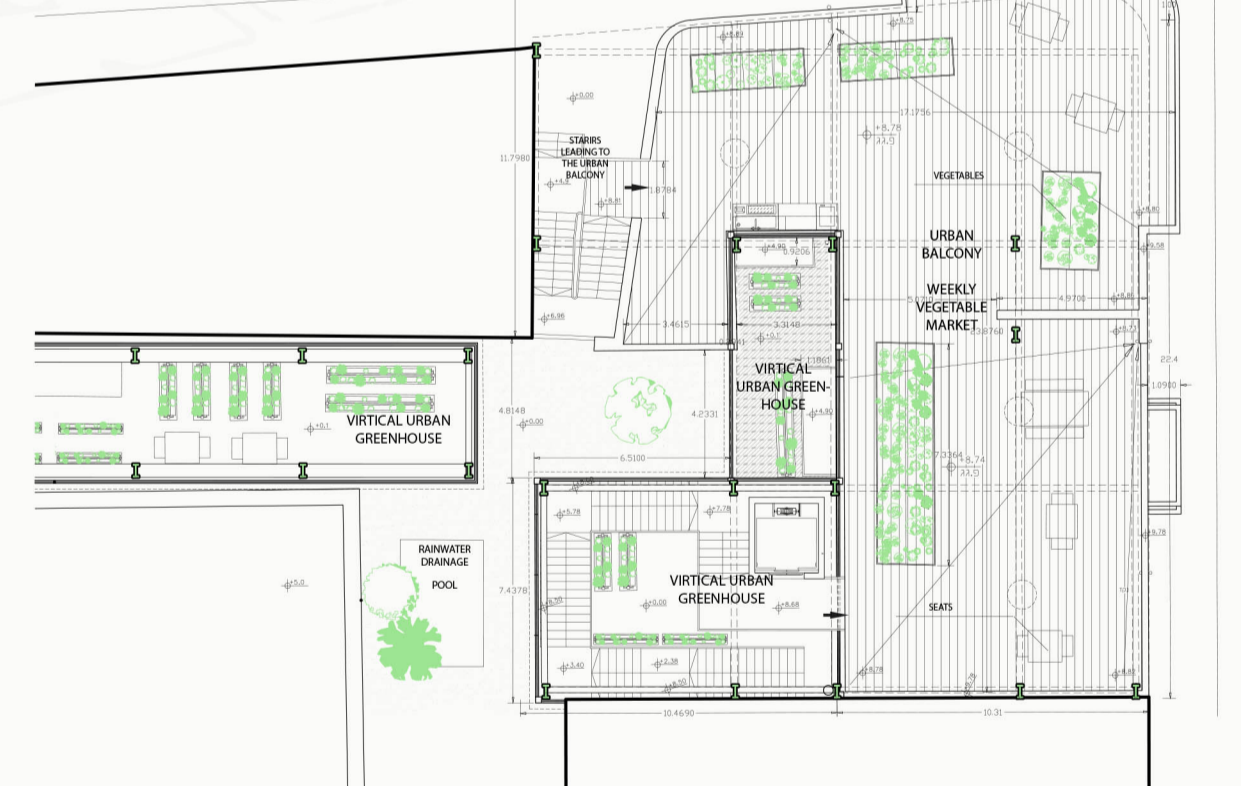
DYNAMIC ELEMENT | USING HYDROPONIC SYSTEM - A METHOD THAT BASES ON WATER AND LIGHT TO GROW CROPS



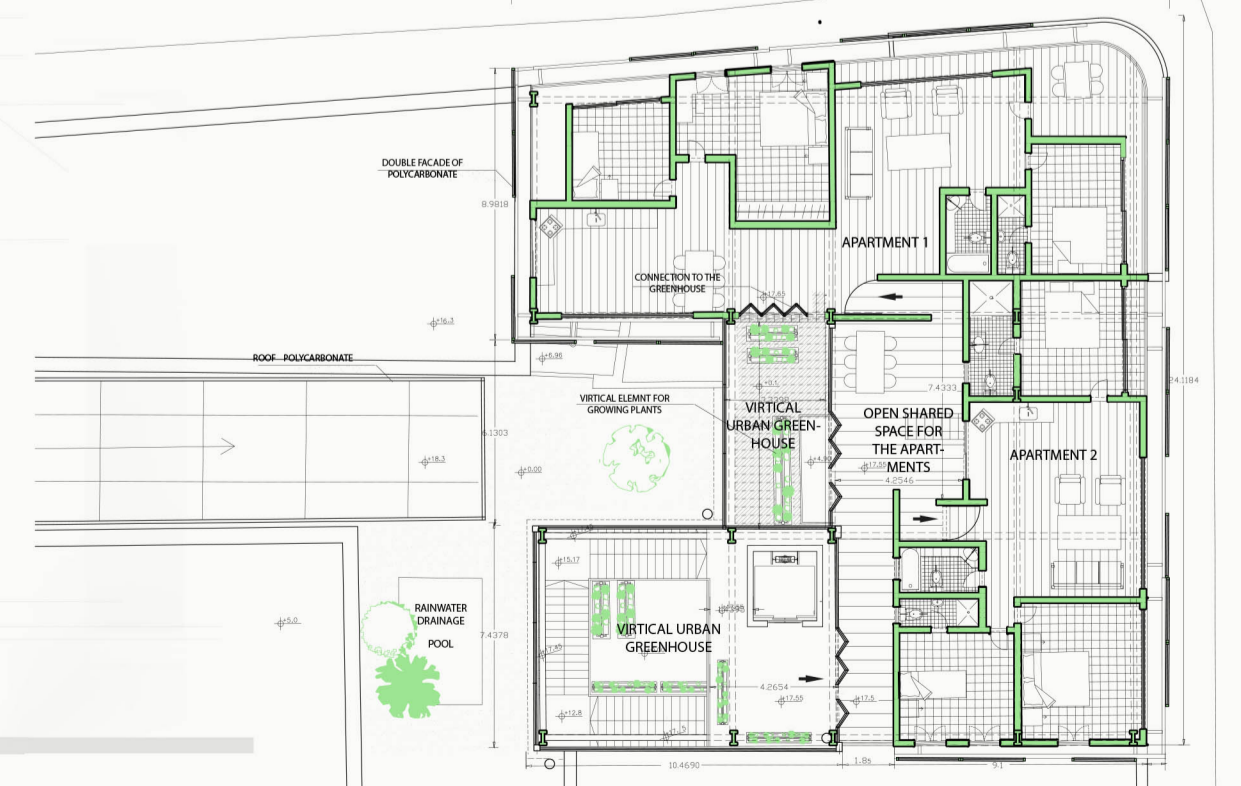
SITE PLAN - GROUND FLOOR A meeting of a commercial floor with the vertical greenhouse SCALE 1:1000



Existing first floor plan An existing encounter with the greenhouse SCALE 1:250



Floor plan - urban balcony The roof of the existing building serves as a public space - a weekly vegetable market SCALE 1:250



Fourth floor plan - additional housing Encounter of the addition with the greenhouse SCALE 1:250