Global Design Studio
852316 - 2024S

DOMUS

BOKU-MATE Design workshop, Budapest

PRESENTED BY:
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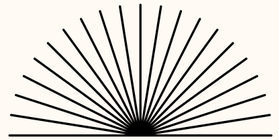
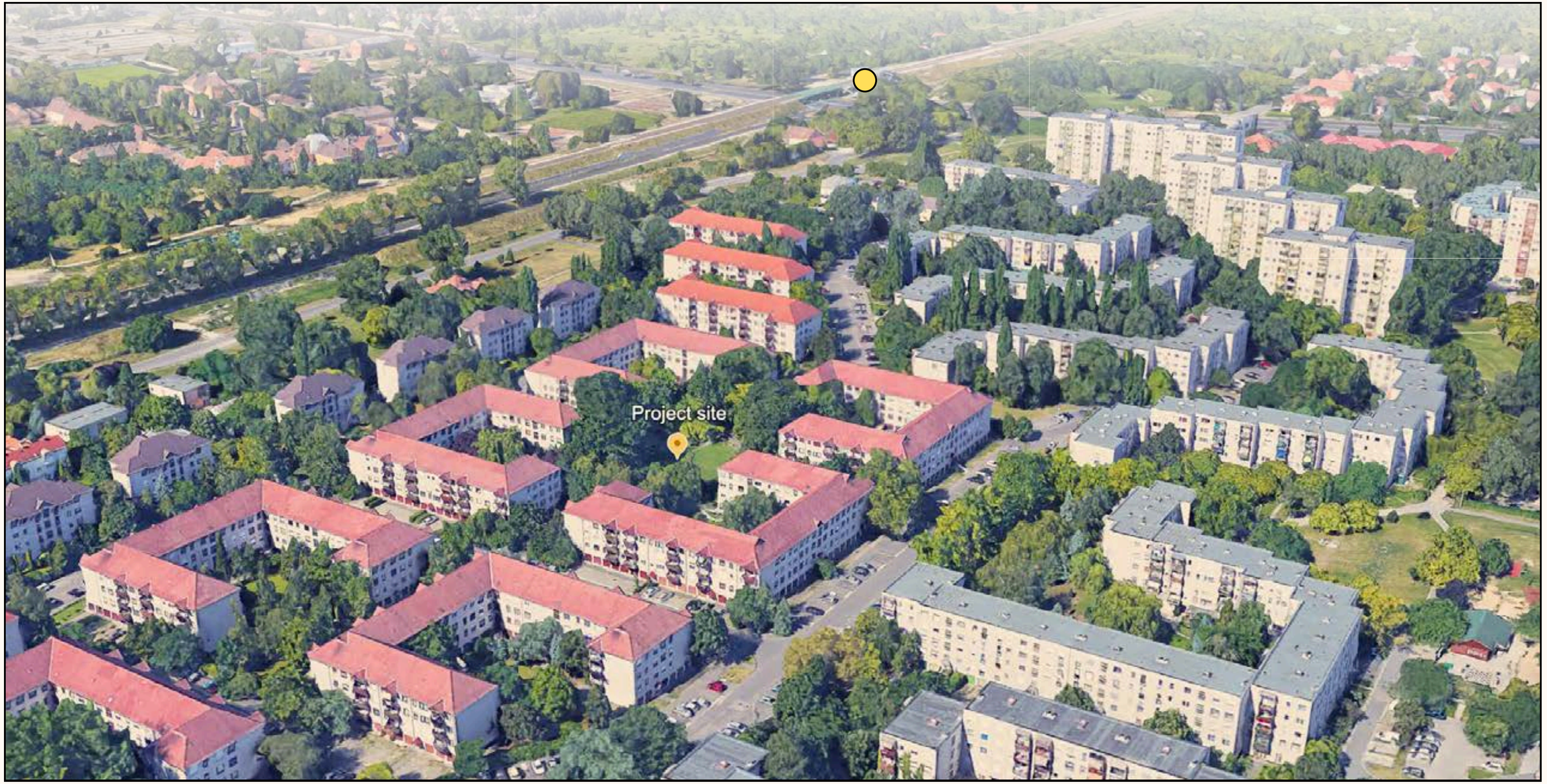
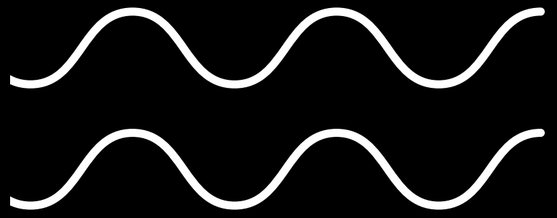


Project location


Project site



Big scale

History of the place

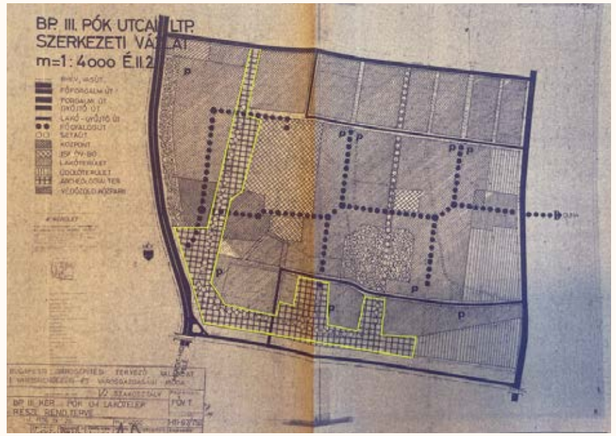
1965

1979

1988

1996

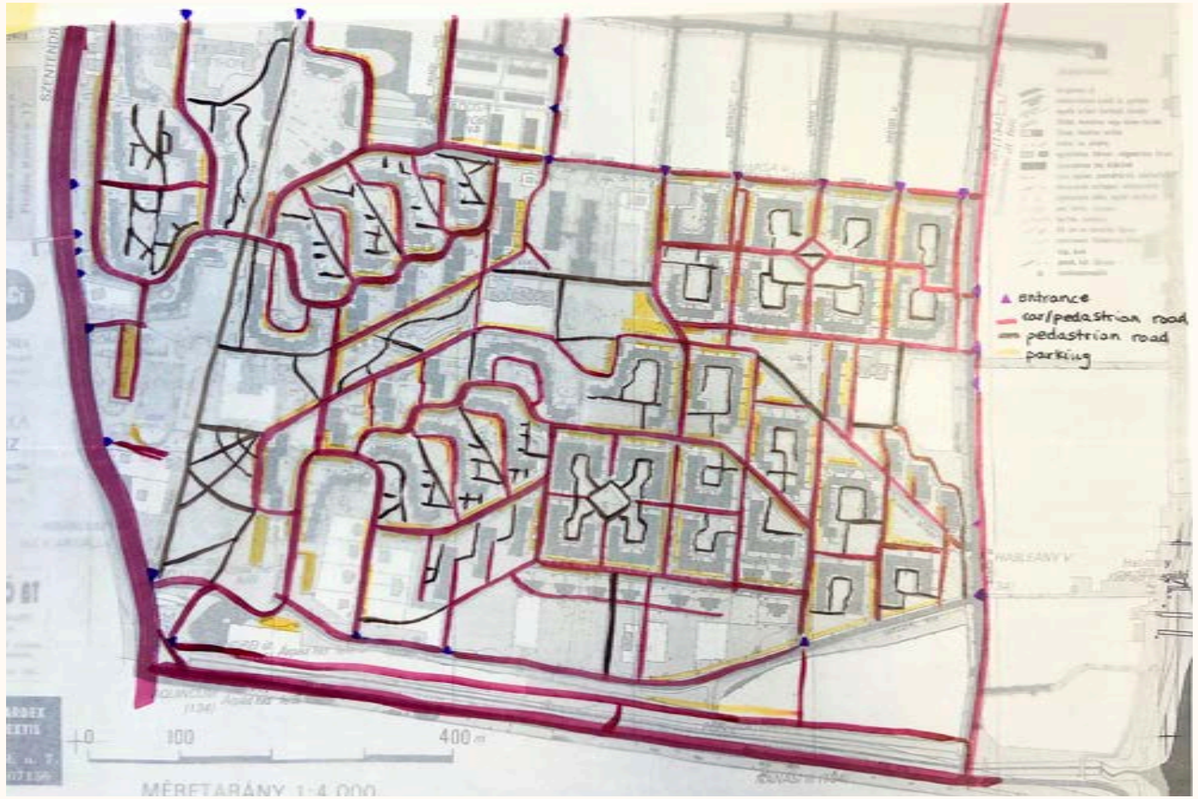
- The housing estate has rich history that streches back to roman times
- In the 60s and 70s the estate was a suburban agricultural area
- The suburban railways were built already
- In the 80s the estate and the buildings were built, but there was no vegetation
- The main roads and path were visible
- The public parks were built at the same time as the estate
- In the 90s the estate was finished and the vegetation was planted



Connection with surroundings

- Green - car access to the estate
- Purple - suburban railway stop to Szentendre and Batthány square
- Yellow - local bus to Göncz Árpád square

Connection within the estate



- most of the roads are car/pedastrain roads
- lack of sidewalks - people walking on the street
- shortage of parking - people park on the street
- bad condition of the roads
- pedastrian roads are mostly in building complexes

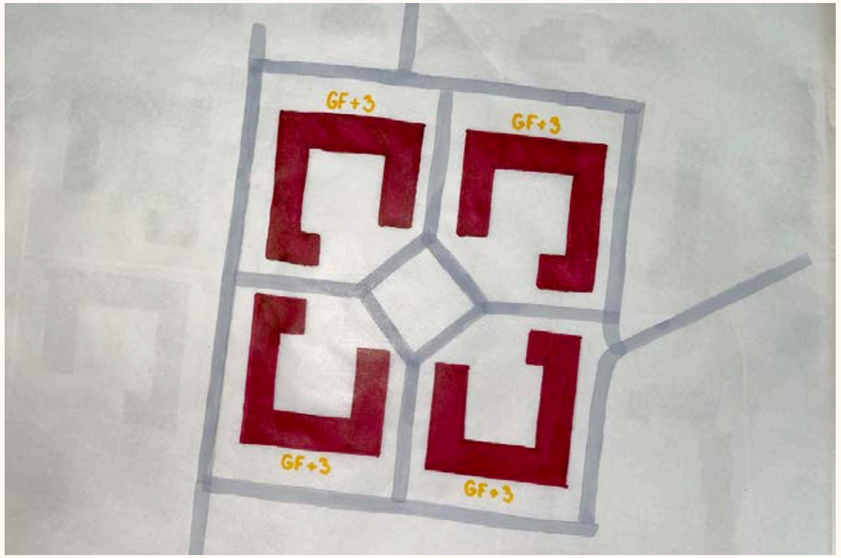
Functions of the place

- The highest density of funcitons at the west side of the estate near the Szentendrei road
- High density of functions around the long park axis
- A few number of service functions located in the west

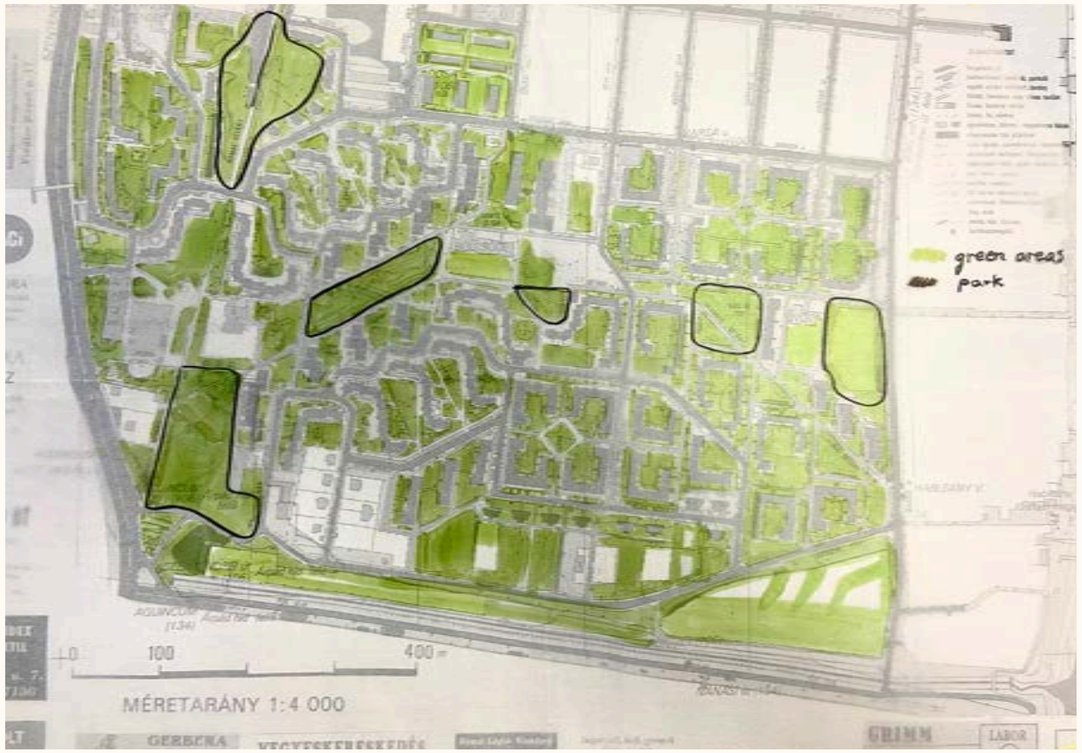
Building heights

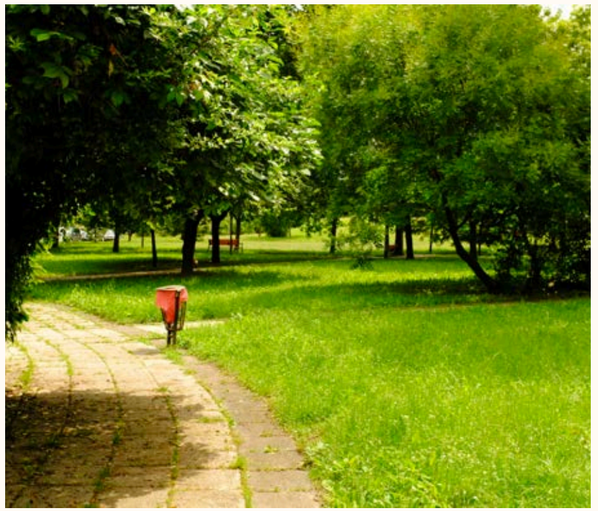
There are four types of buildings in the area

- Ground floor + 10
- Ground floor + 4
- Ground floor + 3
- Groond floor + 2
- Human scale housing estate

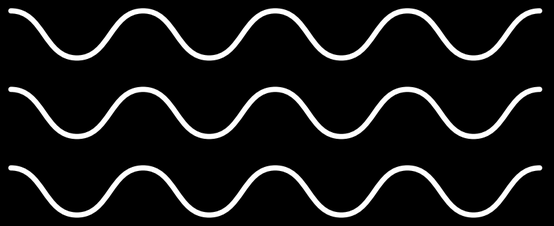


Green areas





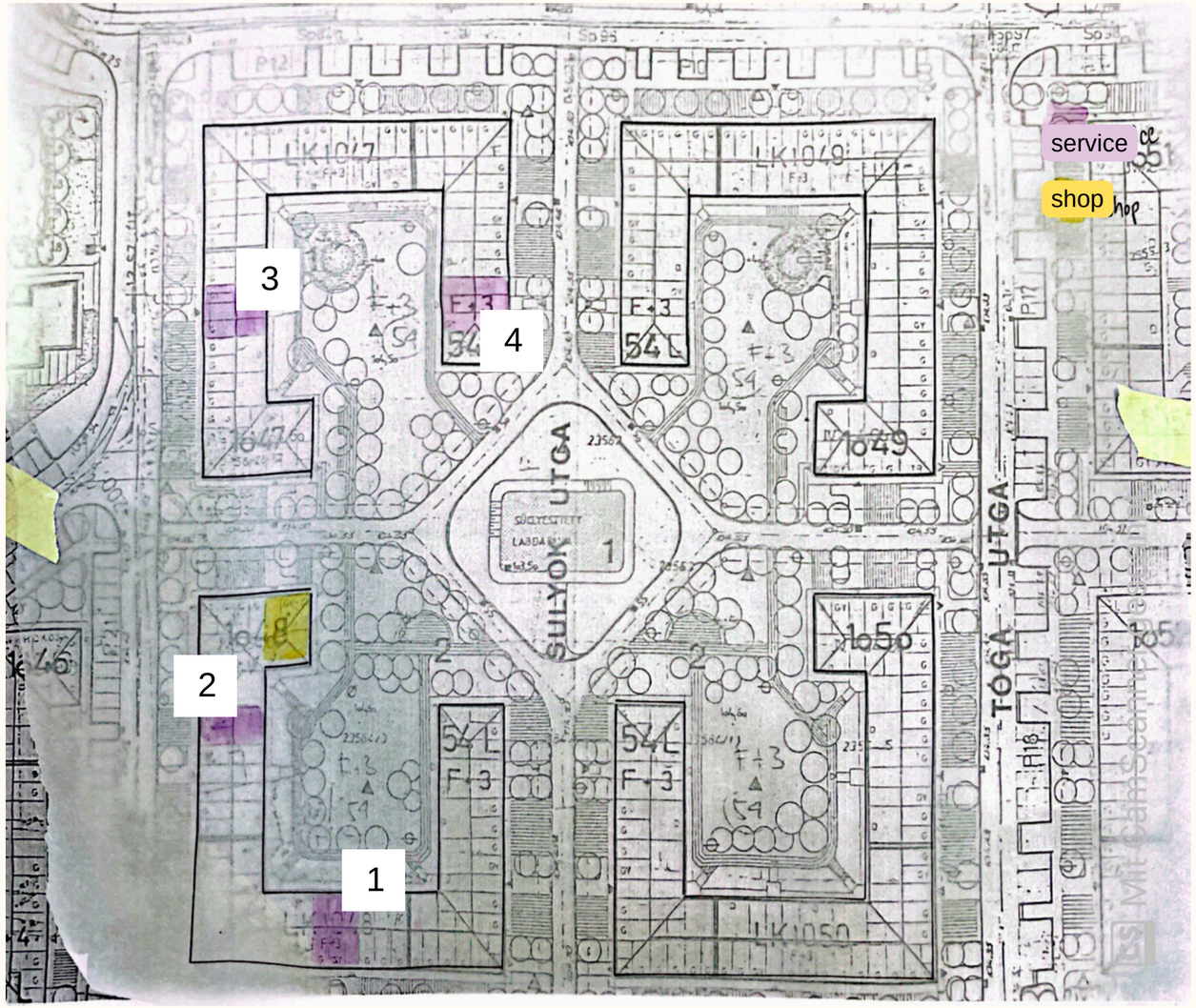
- green areas are dominating in the estate
- most of green areas are associated greenery
- 5 parks can be distinguished
- most of green areas don’t have programs



Small scale

Ground level

- spaces contain some services & shop; most are used for private storage



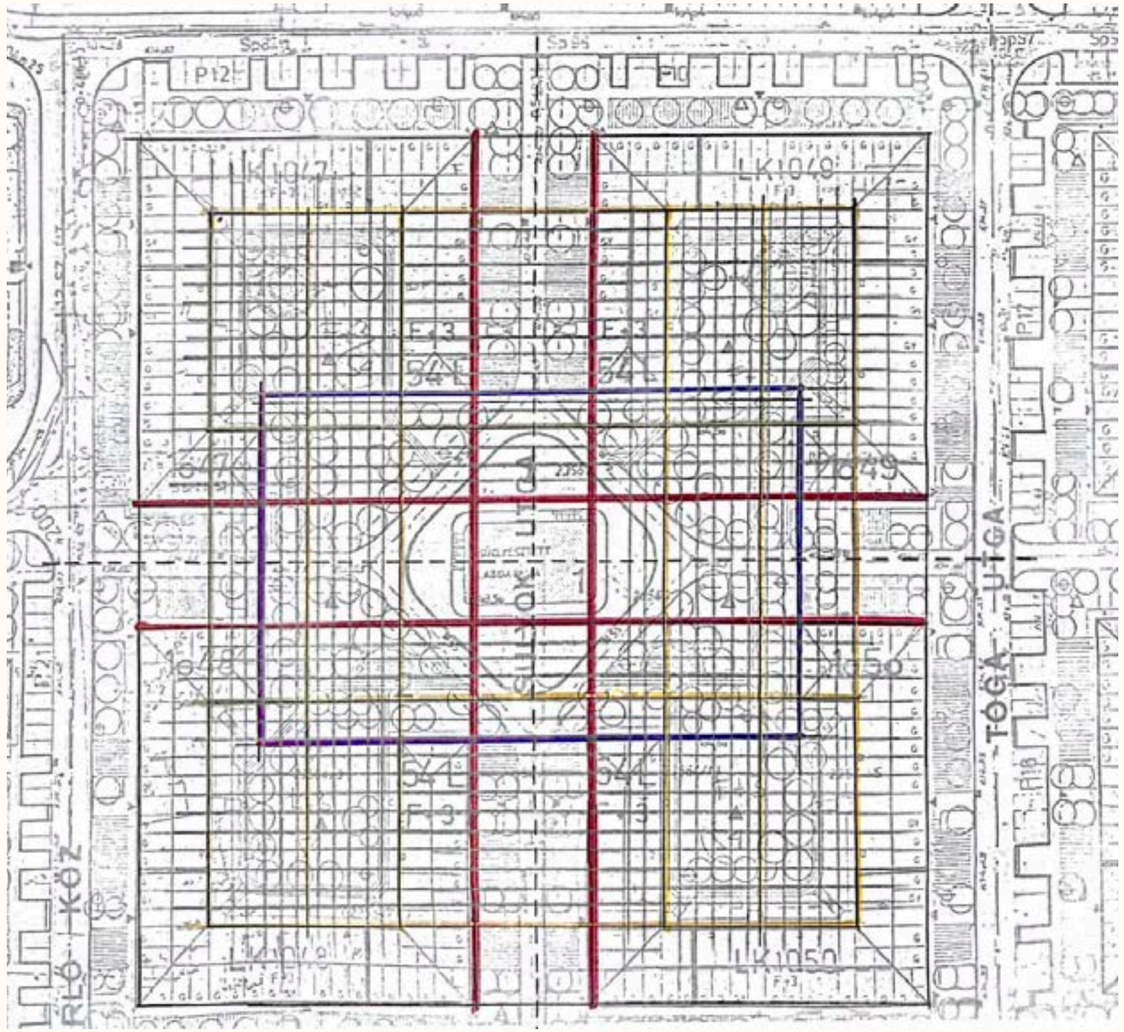
1

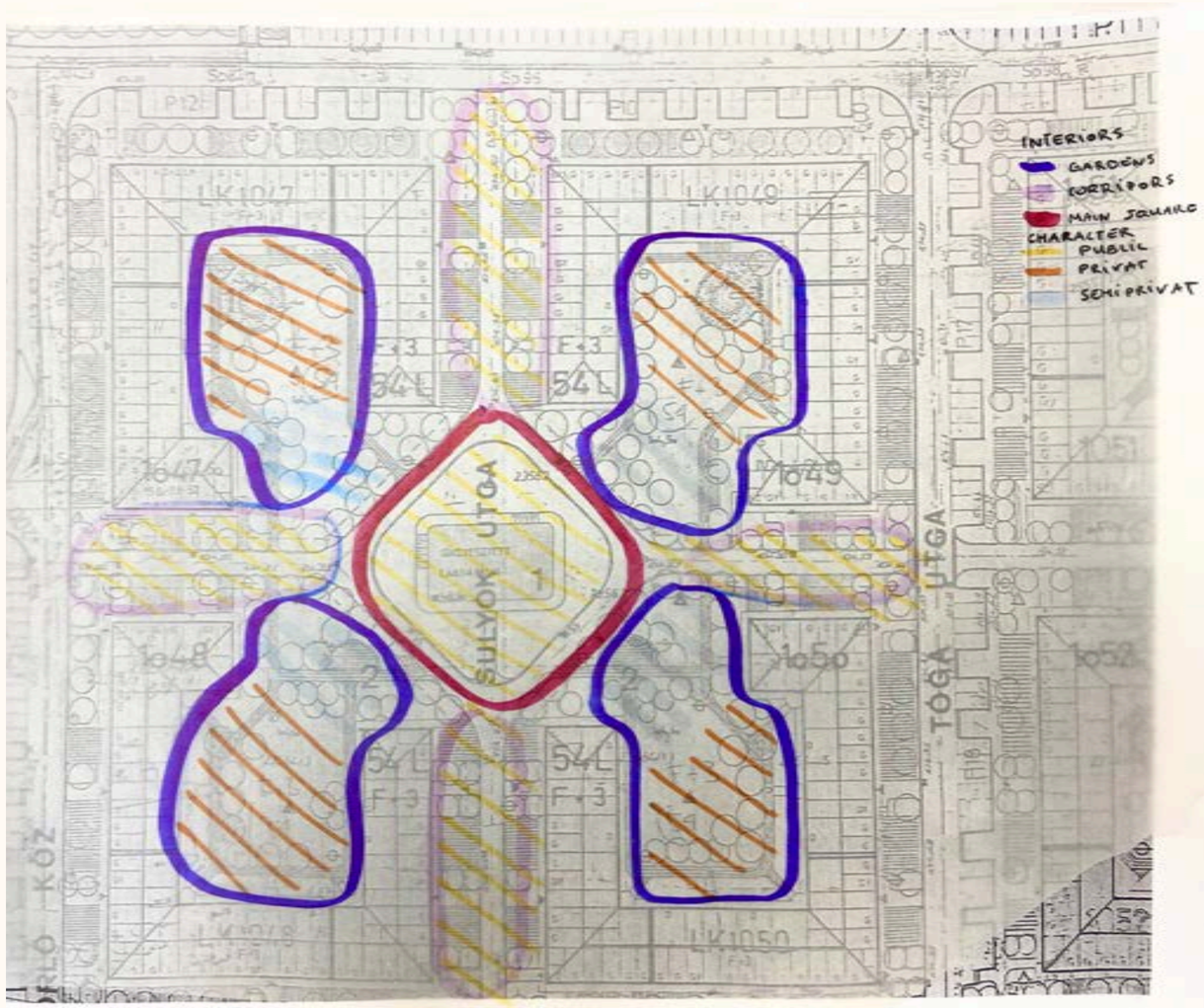
2

3

4

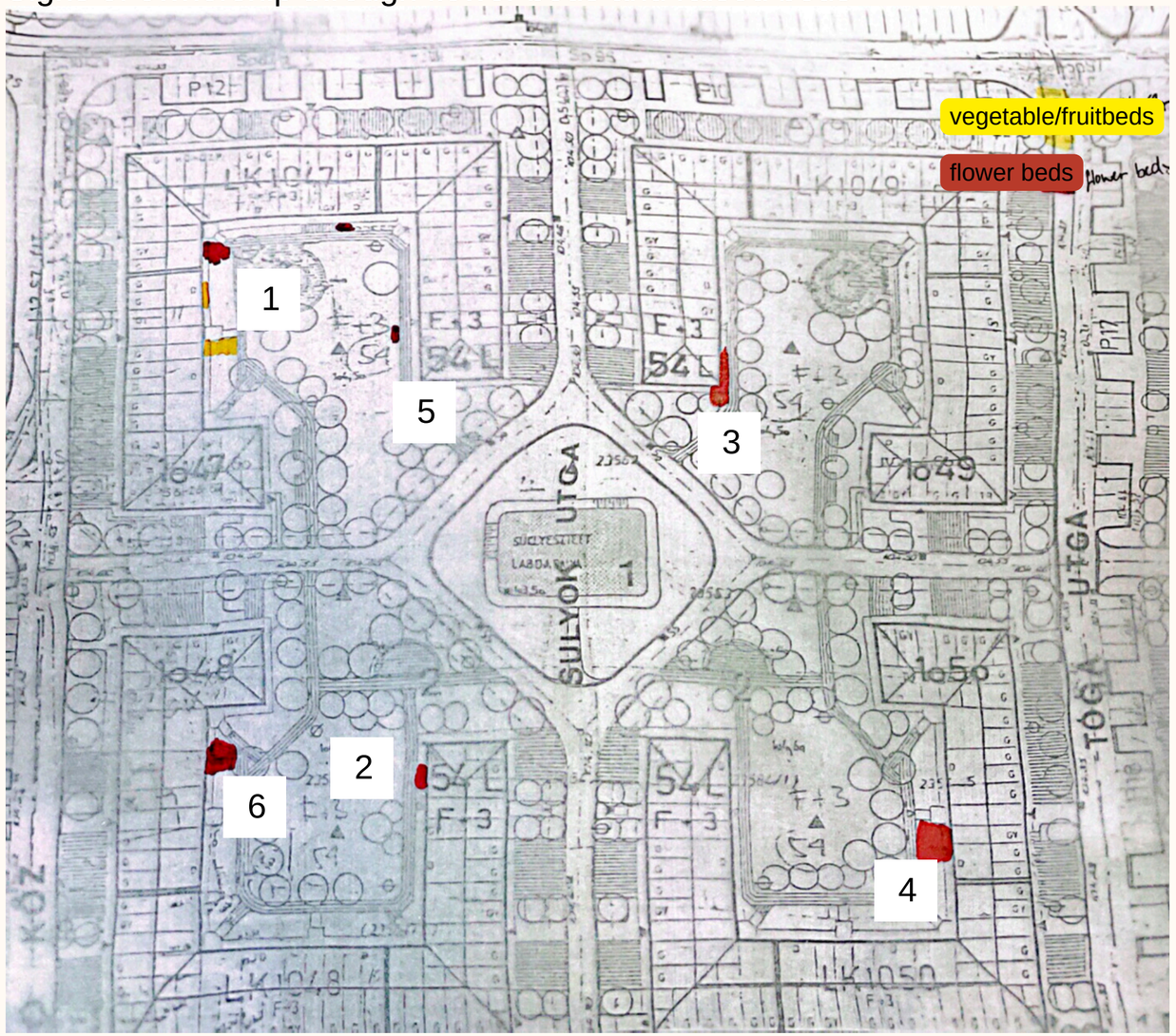
Composition



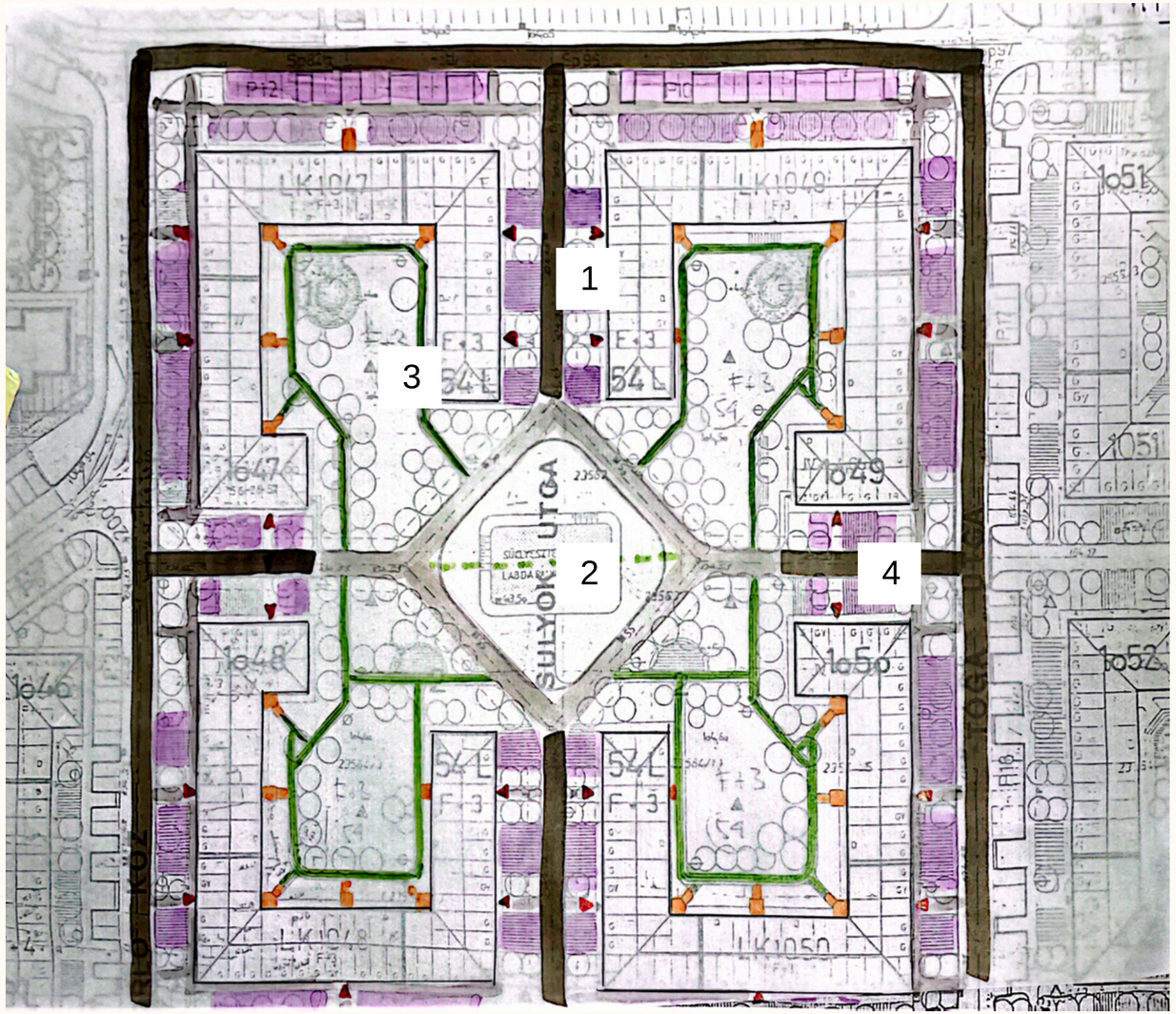


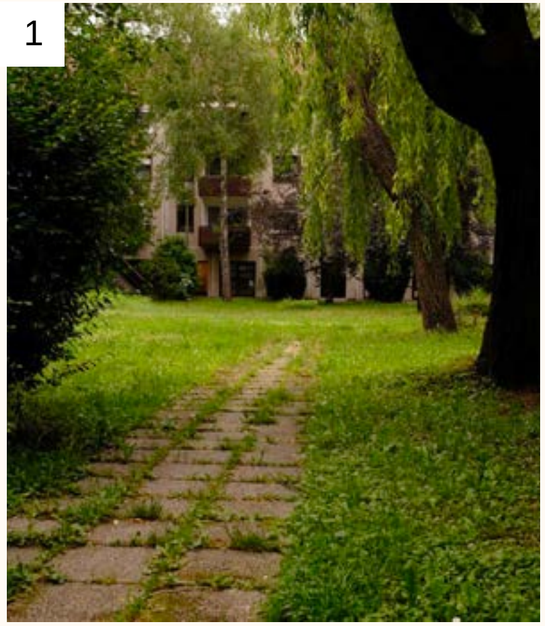
Signs of ownership

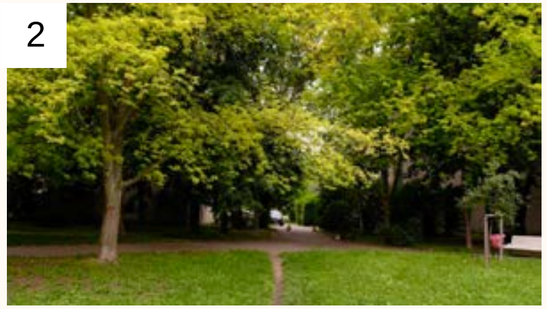
Signs of ownership through flower beds and raised beds



Connections & Entrances







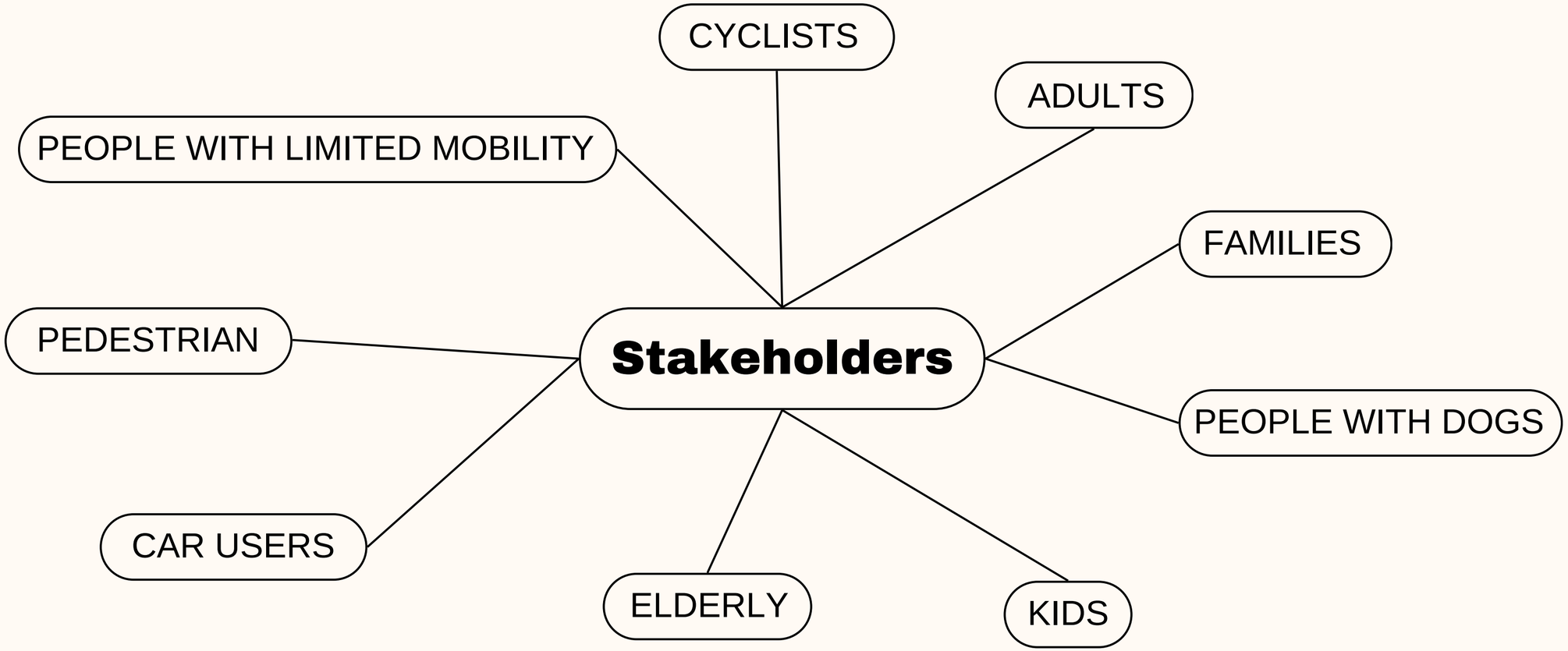
- car roads
- foot pathways
- smaller footpath
- foot trail
- entrances ground level
- entrances through staircases
- parking

Vegetation

Section A-A’

- trees are dominating
- mostly leafy greens
- each yard has different layout of greenery
- On the outskirts, scarce vegetation
- in the central yard new trees
- entrances highlighted by hedges
- pathways around central yard mostly shaded
- mostly older greener, size of the buildings

Stakeholders



Color analysis

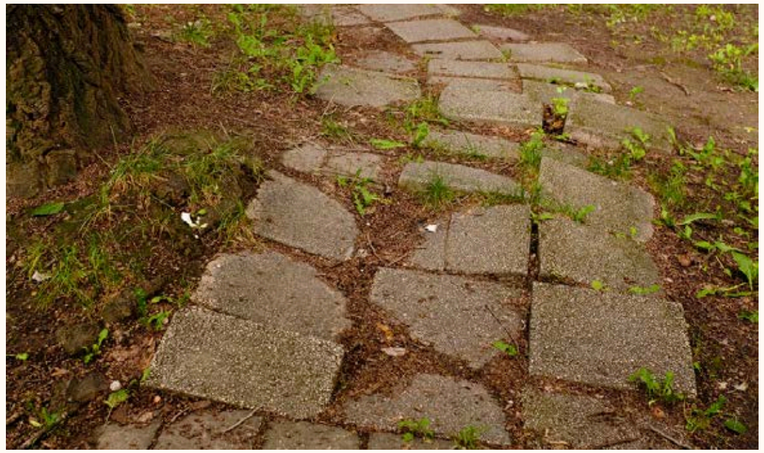
- not a lot of different color
- green is dominating
- reaches from bright green areas to darker ones

Material analysis

- differenciation green and sealed surfaces
- poor condition of surfaces

- not a lot of varienty
- chaos in the hierarchy

- a lot of grey surfaces
- asphalt as the main surface



Element analysis

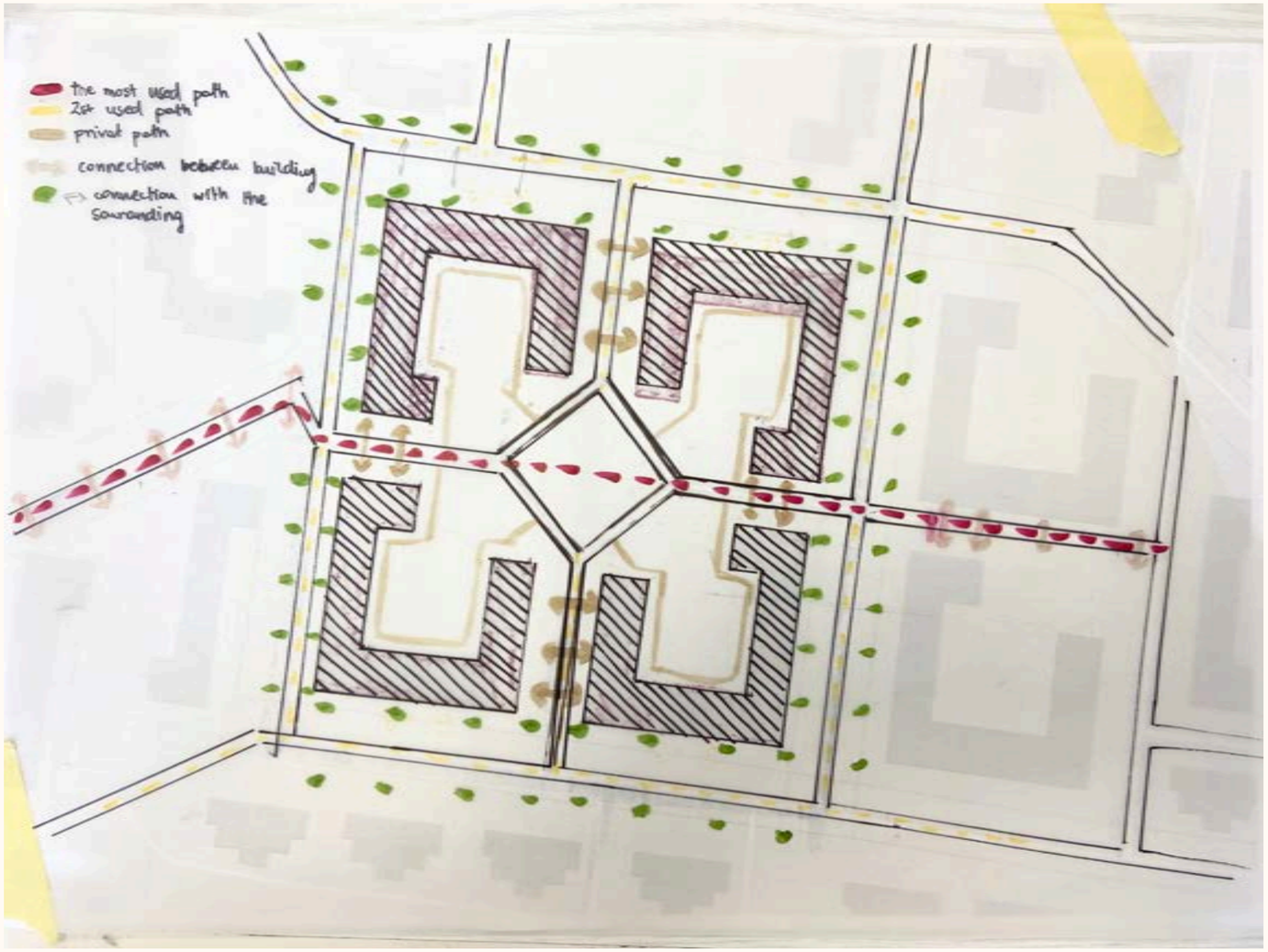
- seating and bins
- “planted” vegetation

- tree support
- drainage

- car defences
- stairs

- little planters
- entrances and garages

Guideline



keeping

- keeping privacy in the smaller courtyards
- keep hierachy in the path structure
- keep spatial quality in the central part

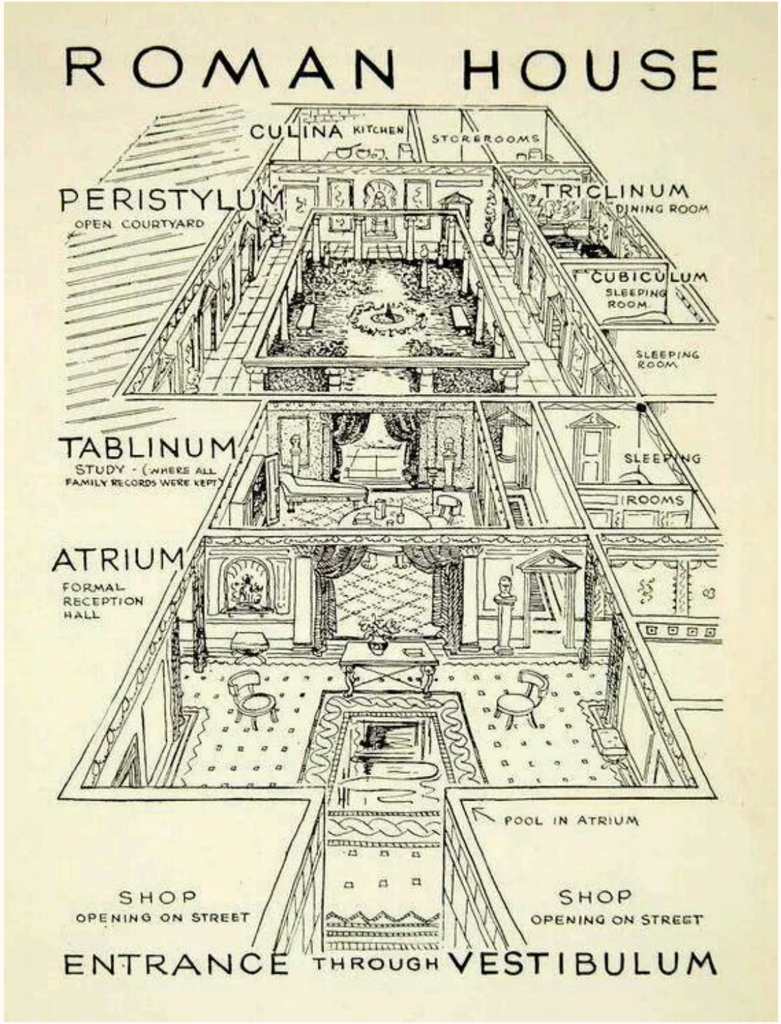
Improving

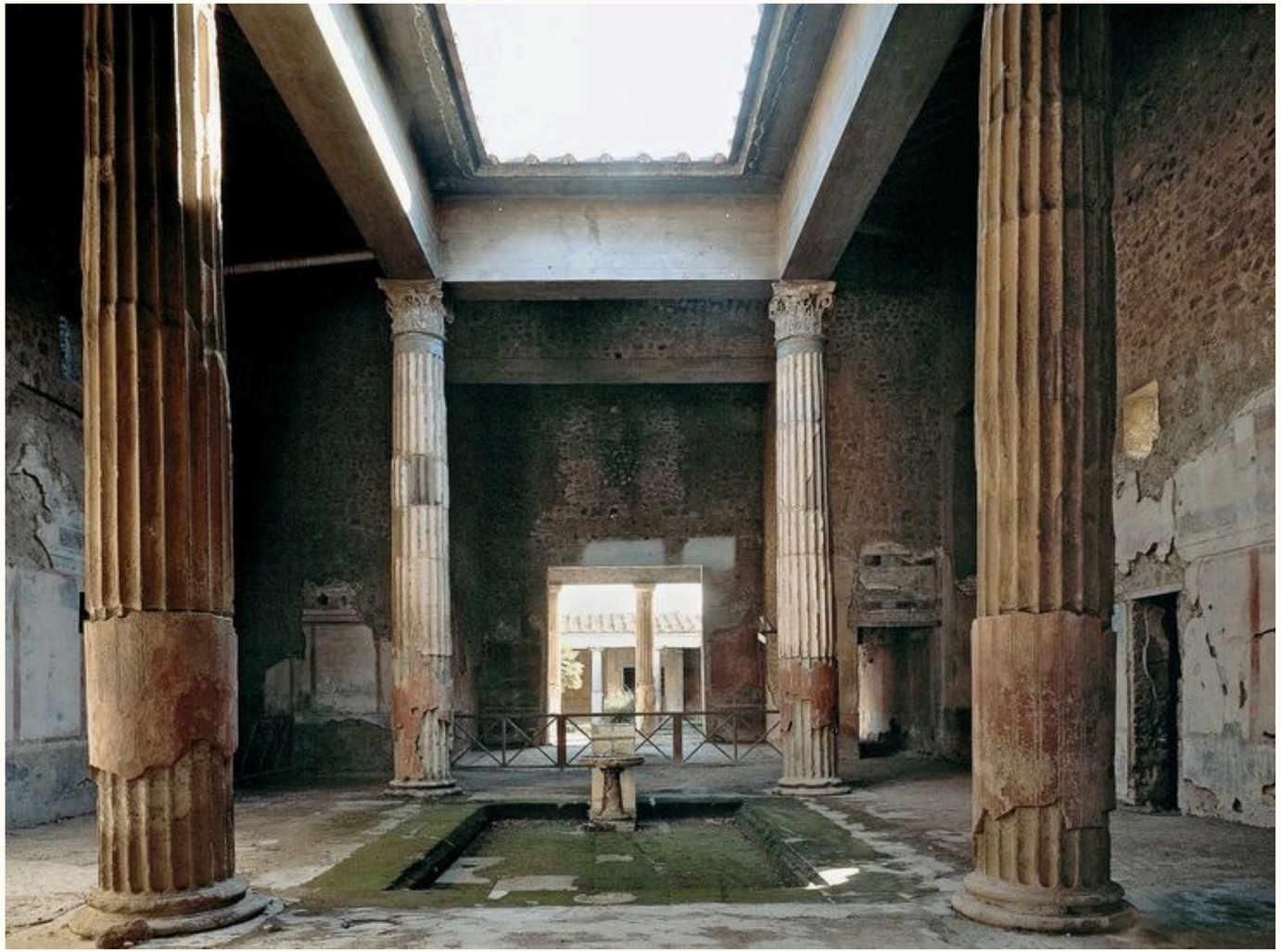
- improving the communication - passage ways
- strengthen the central part for socializing
- improving surface materials
- enhance historical design language through the grid and Roman history
- enhance colour through vegetation

creating

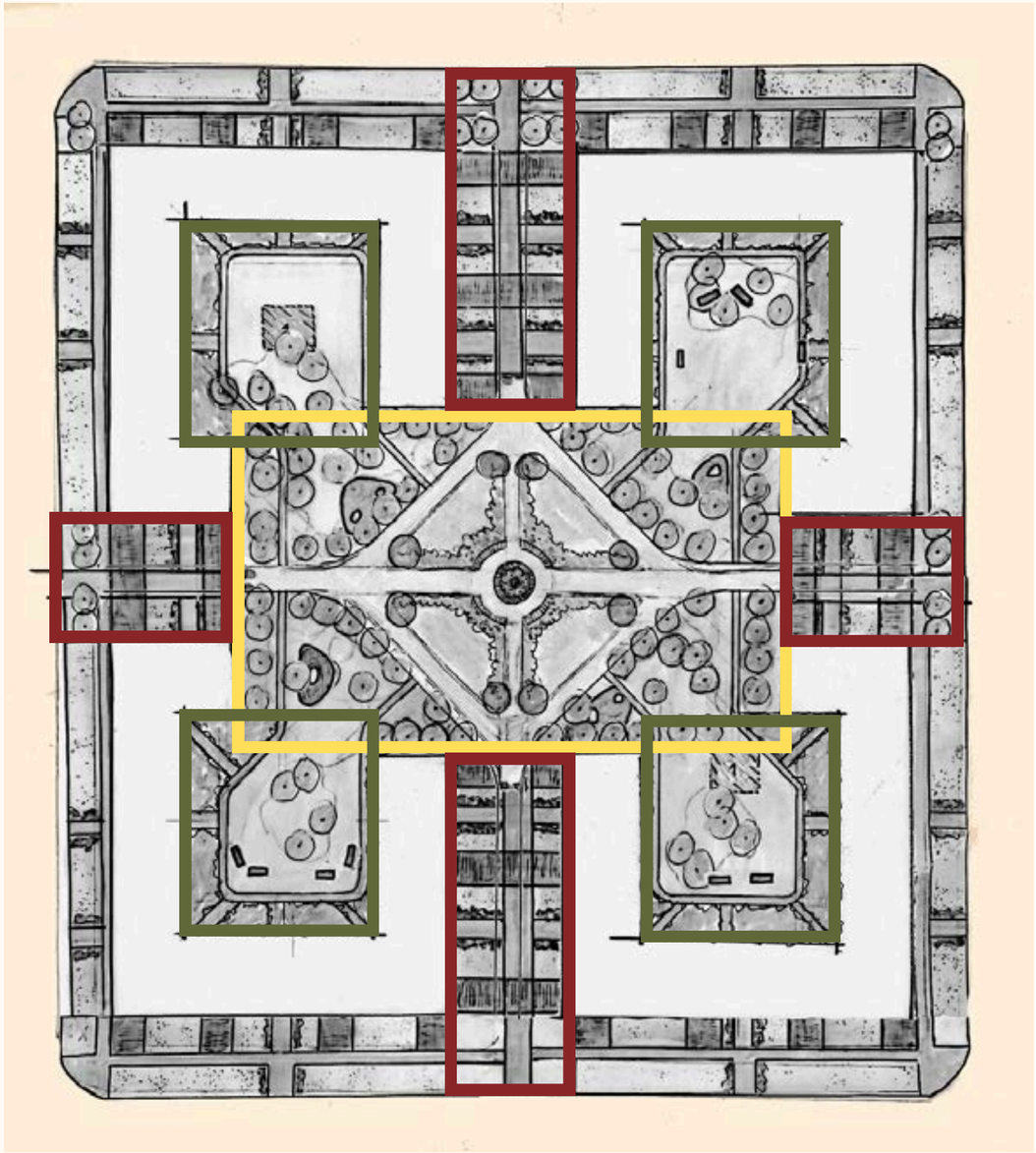
- connect courtyard with the surrounding
- create structure though surfaces
- userfriendly communication
- implement colour through vegetation
- ceate level differences

DOMUS - INSPIRATIONS





DOMUS - FUNCTION

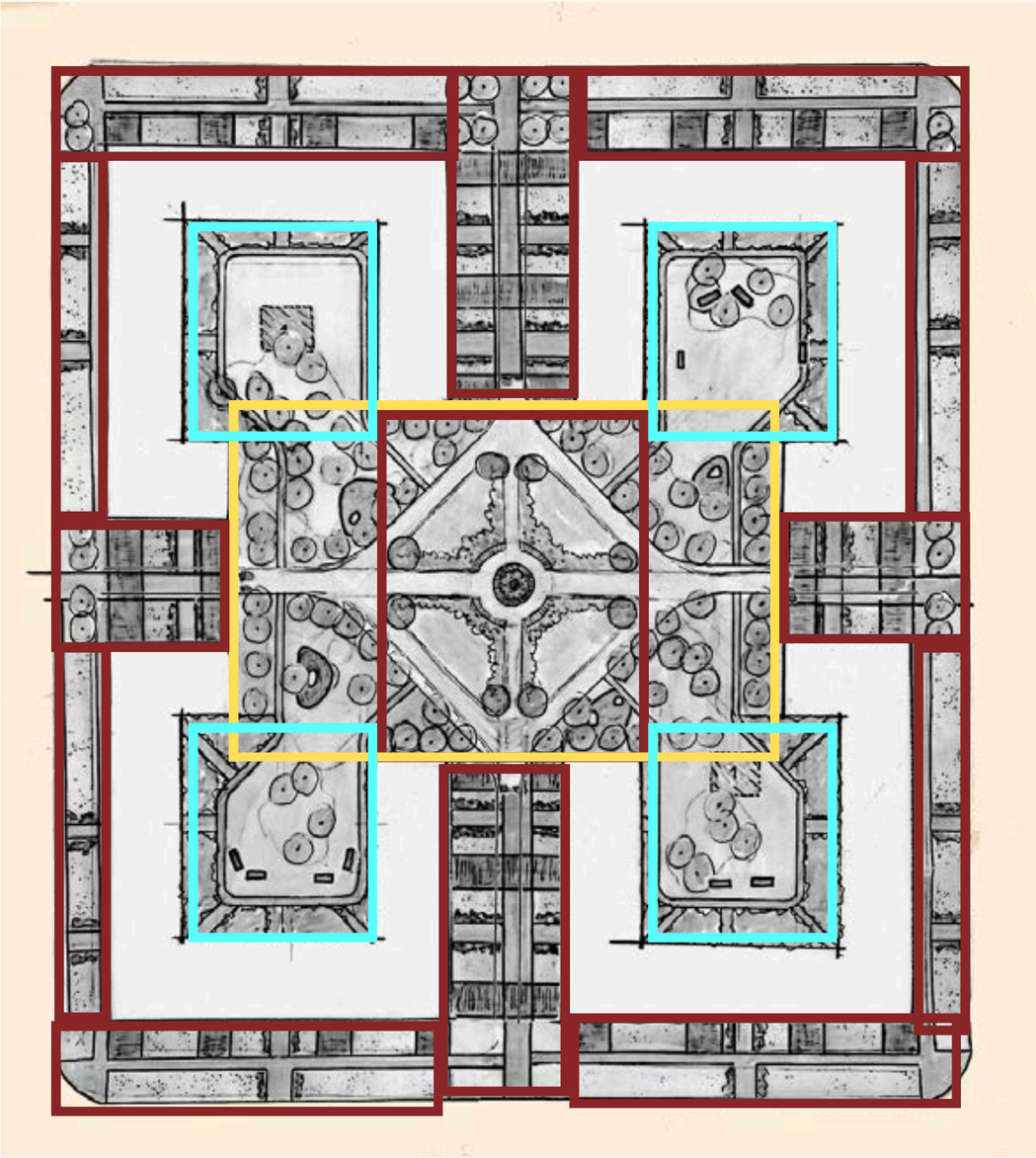


ATRIUM
- main yard
- representative character
- place for socialising
- on the edges - semi- privat spots for leisure time

HORTUS
- private gardens, mostly for residents
- place for community garden
- place for leisure activity
- loose program

PERYSTYL
- invites visitors to explore the site
- links between the outside and the inside
- A collection of pergolas forming a gate, also place for socializing

DOMUS - CHARACTER OF THE PLACE

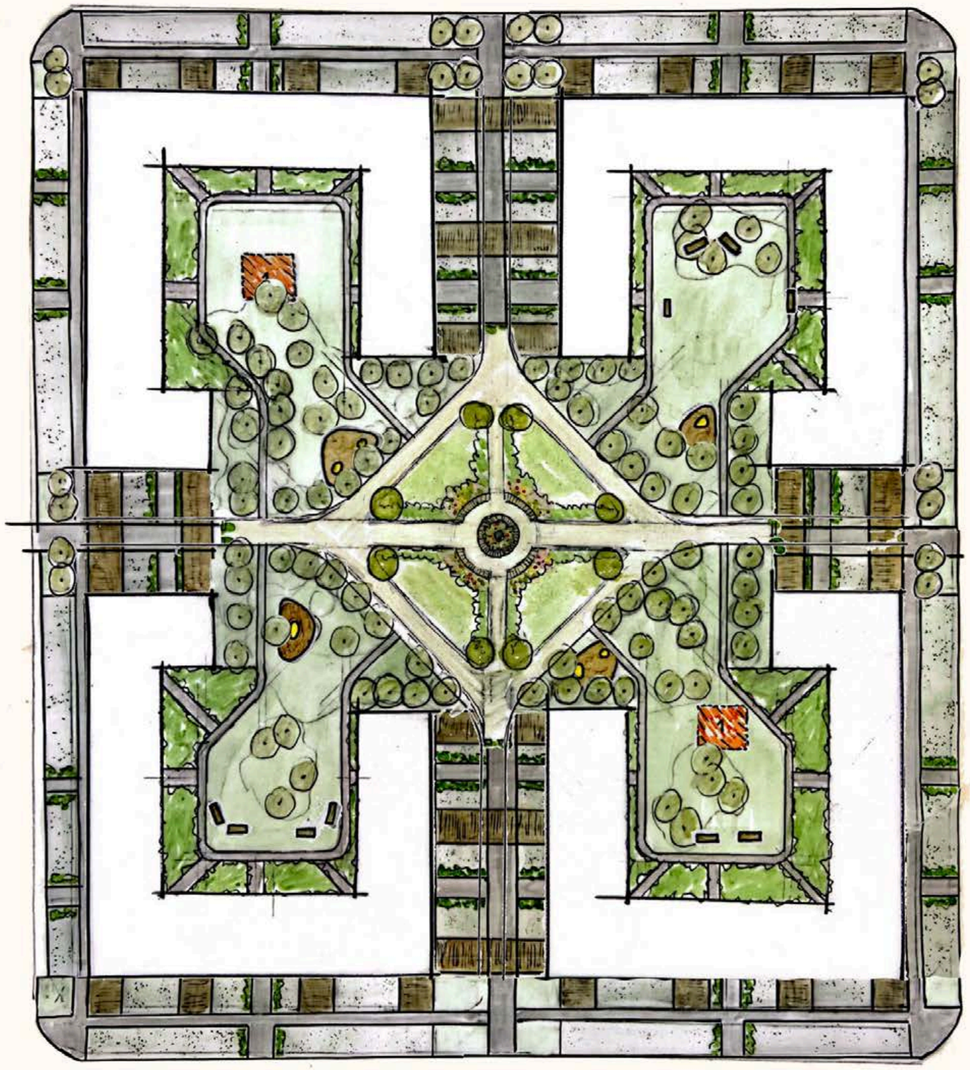


PUBLIC

SEMI PRIVATE

PRIVATE

DOMUS - DESIGN

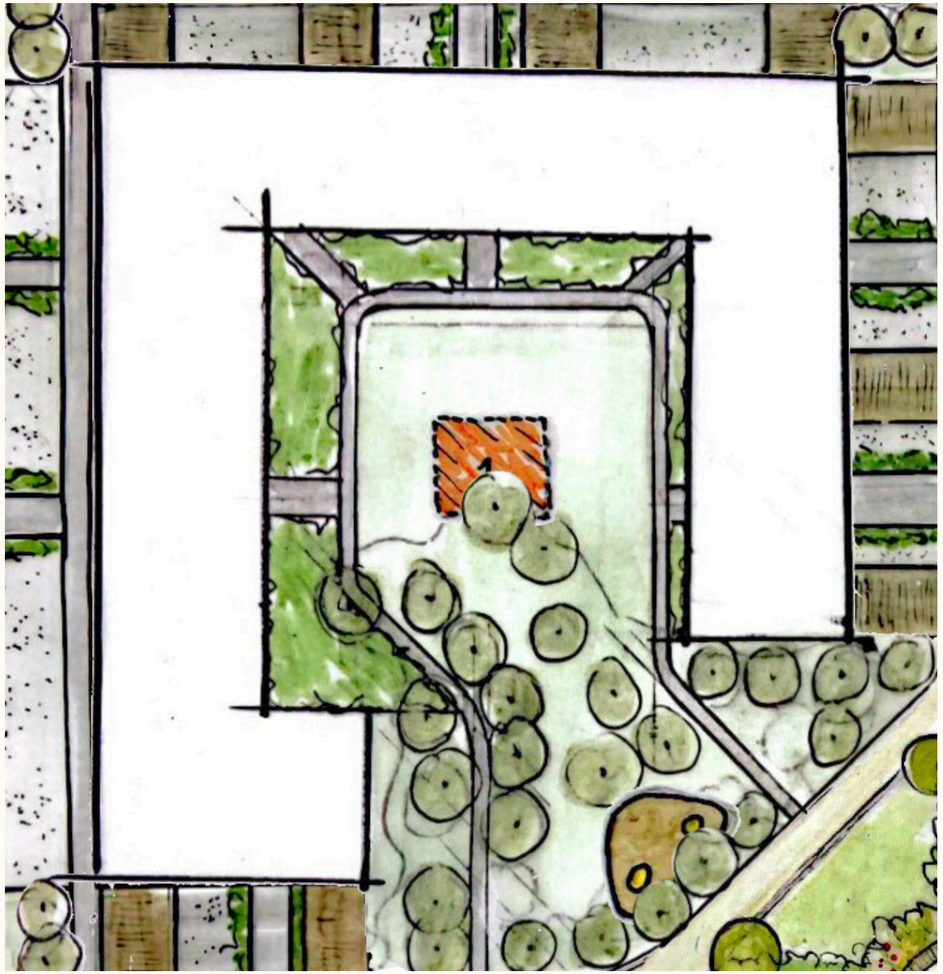


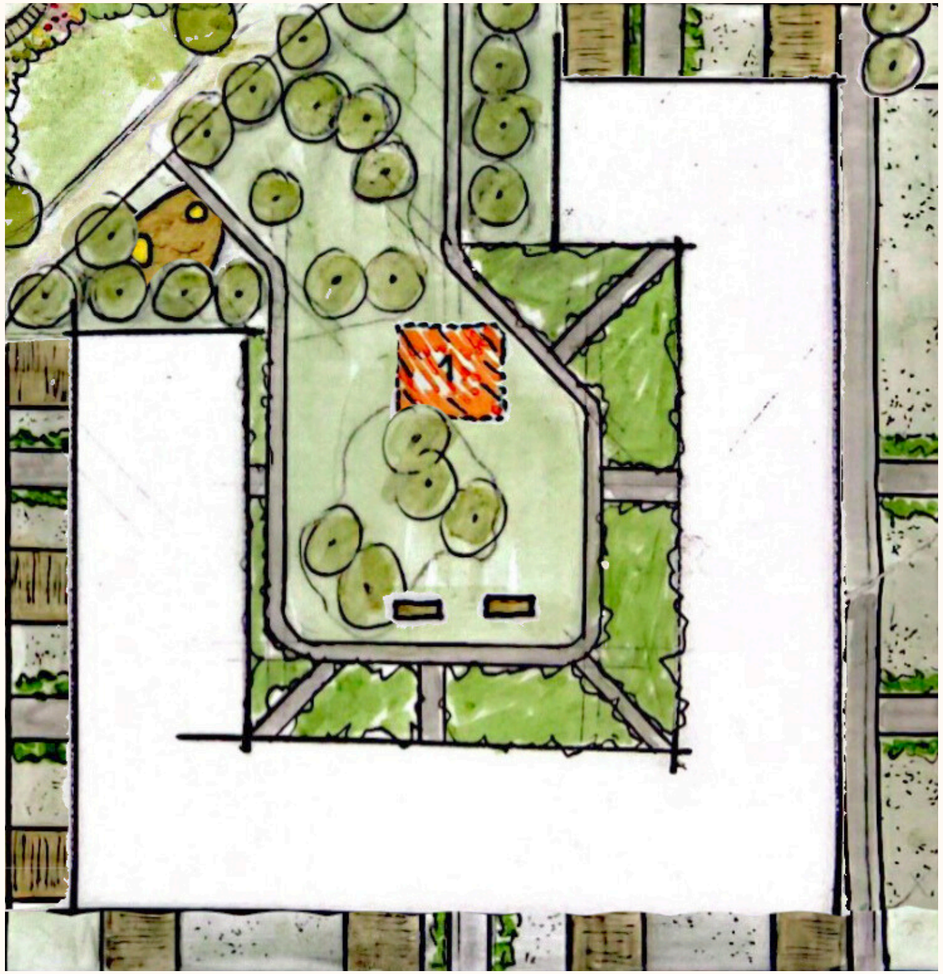
In ancient Rome, DOMUS means house. The nature of our place with its layout and history of the site inspired us to use the Roman term and refer to the traditional Roman nomenclature in our design.

CENTRAL PART - ATRIUM

DOMUS - DESIGN

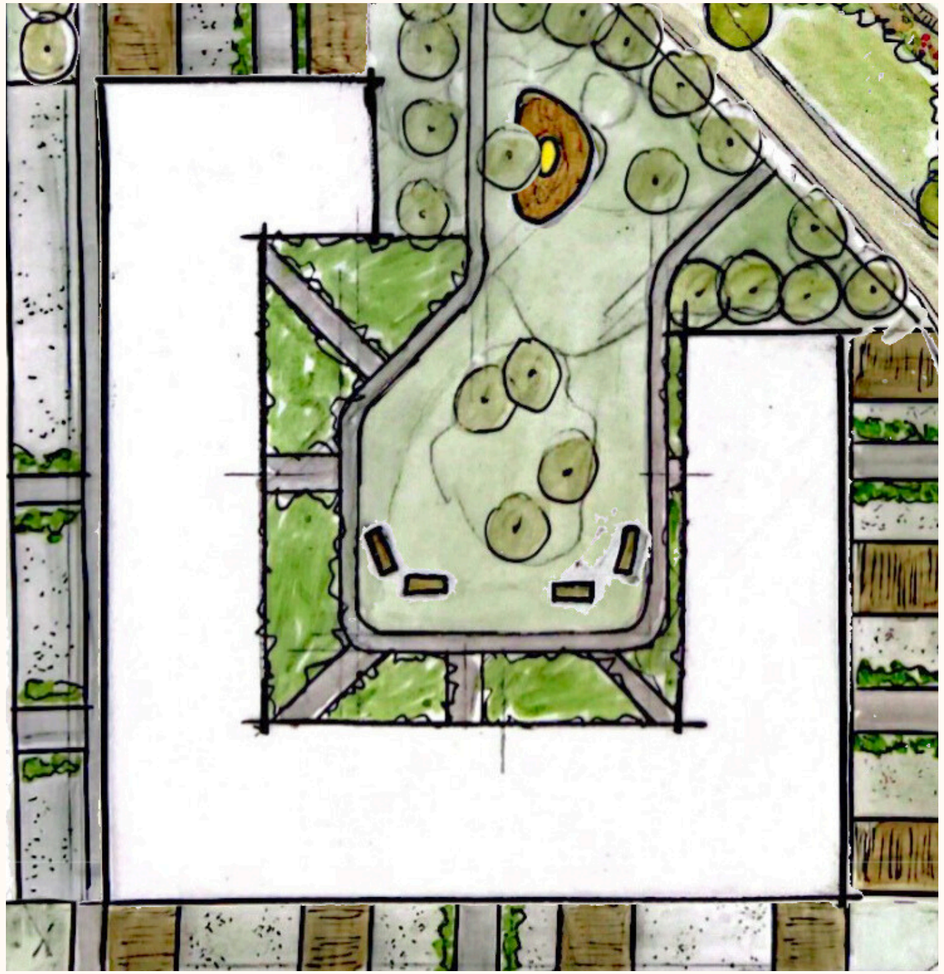
PRIVATE GARDENS - HORTUS

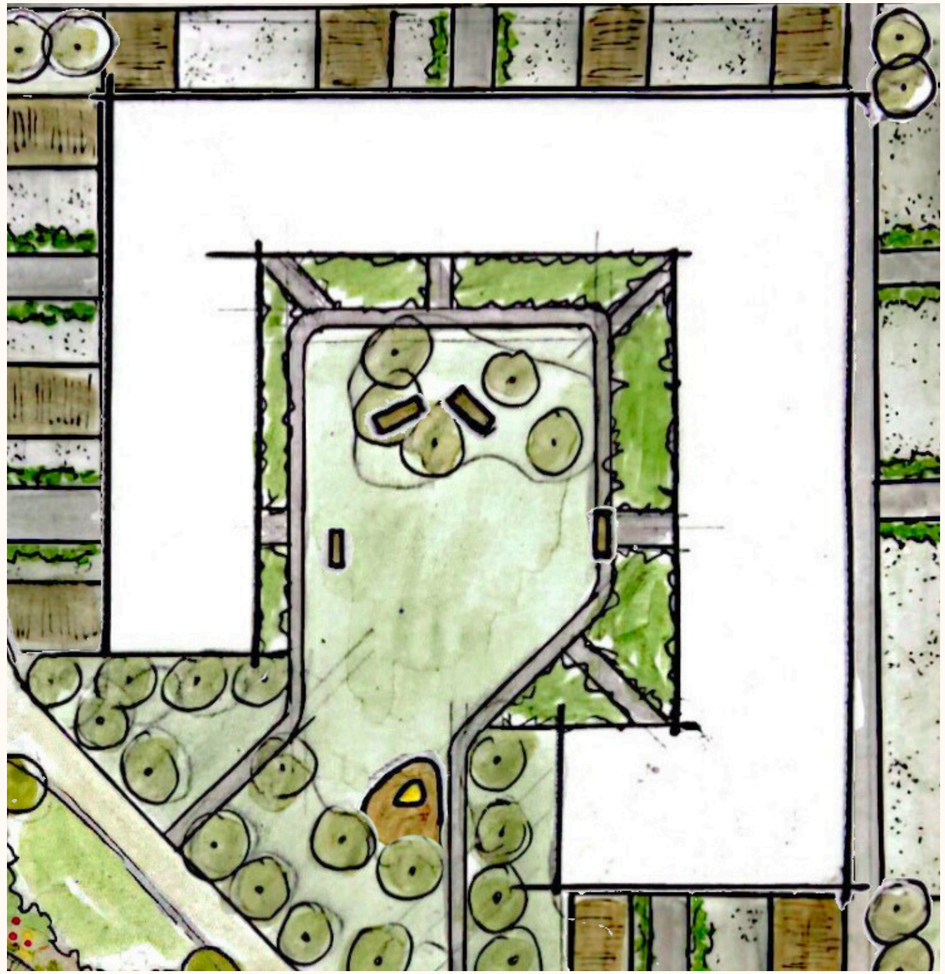




DOMUS - DESIGN

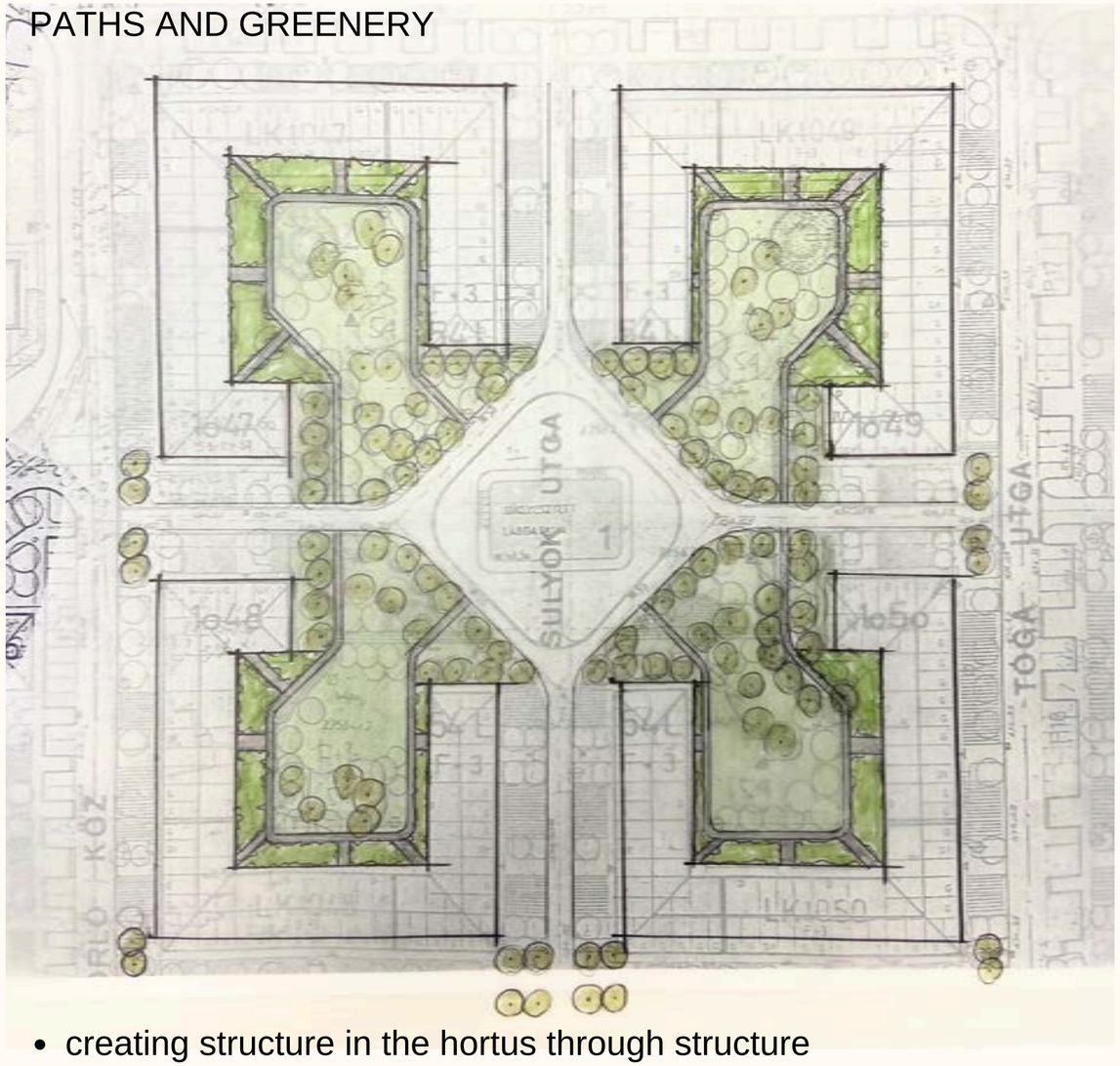
PRIVATE GARDENS - HORTUS





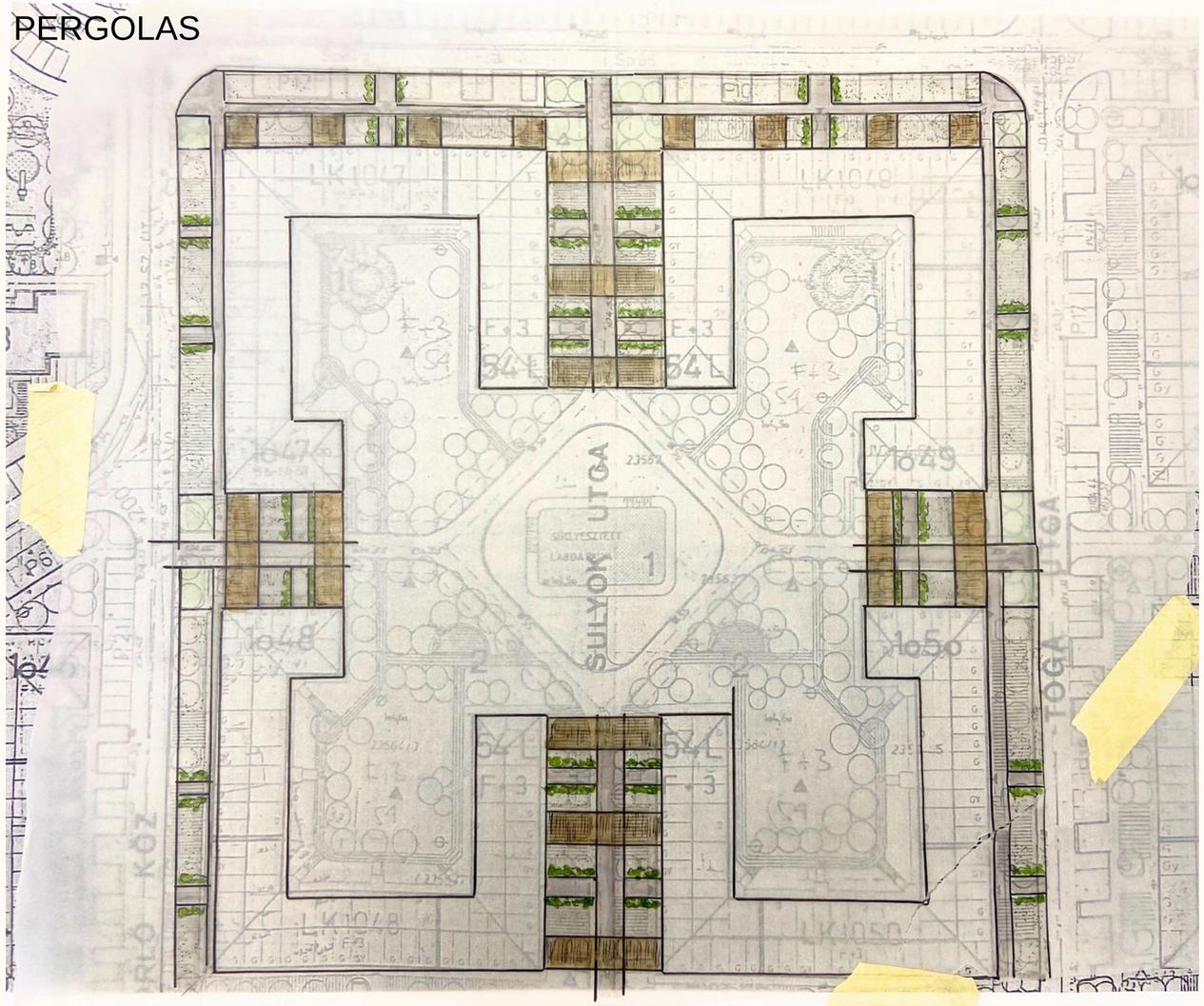
DOMUS - ELEMENTS OF DESIGN

PATHS AND GREENERY



- creating structure in the hortus through structure
- soft border (vegetation) to seperate the perystyl from the atrium and the atrium from the hortus

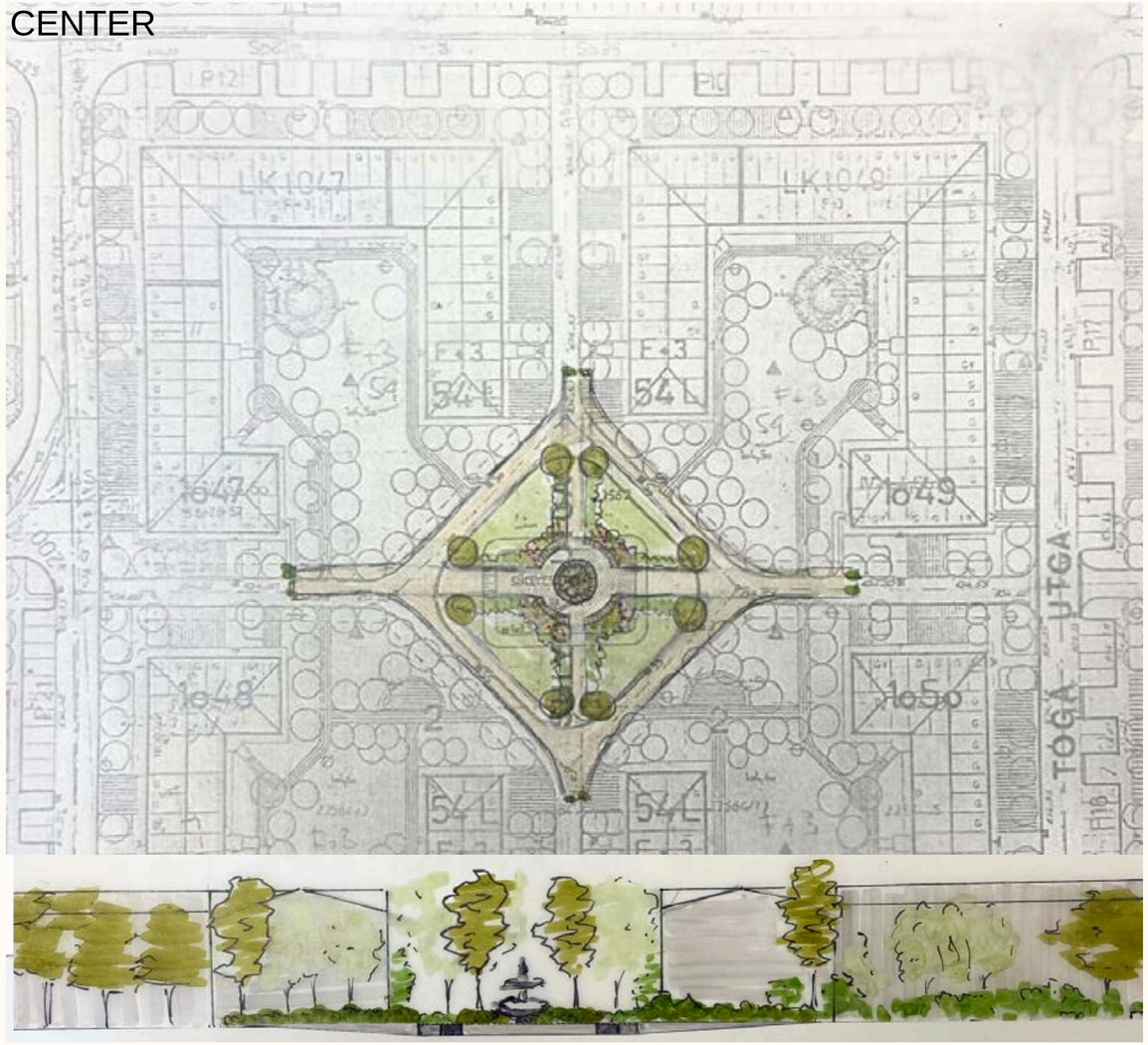
PERGOLAS



- creating a perystyl through pergolas to connect living spaces with outdoor space
- creating living space extension at the entrances

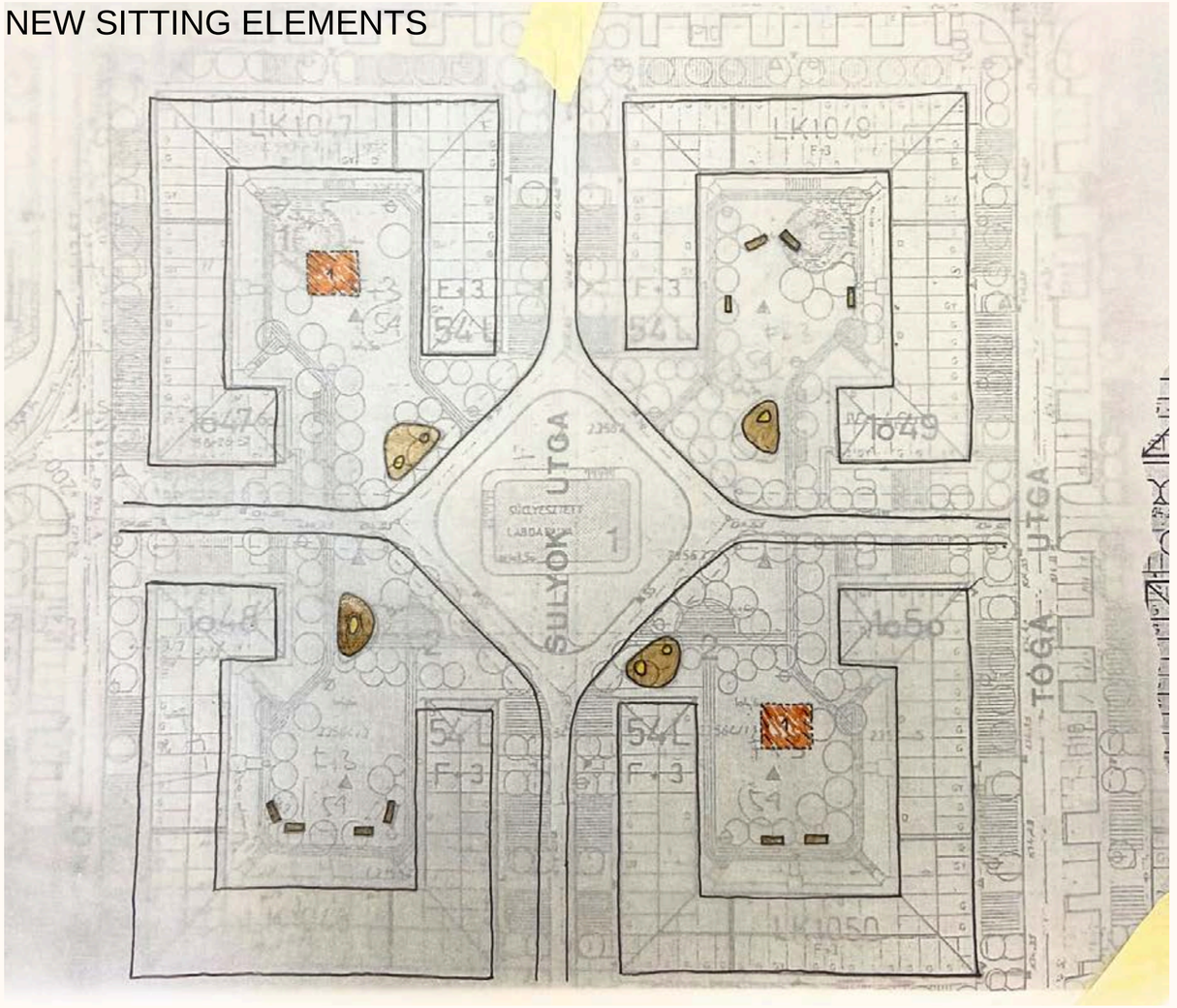
DOMUS - ELEMENTS OF DESIGN

CENTER



- creating central space for gatherings
- supporting main and minor axis through vegetation and surface materials
- central monument as a highlight/view point

NEW SITTING ELEMENTS

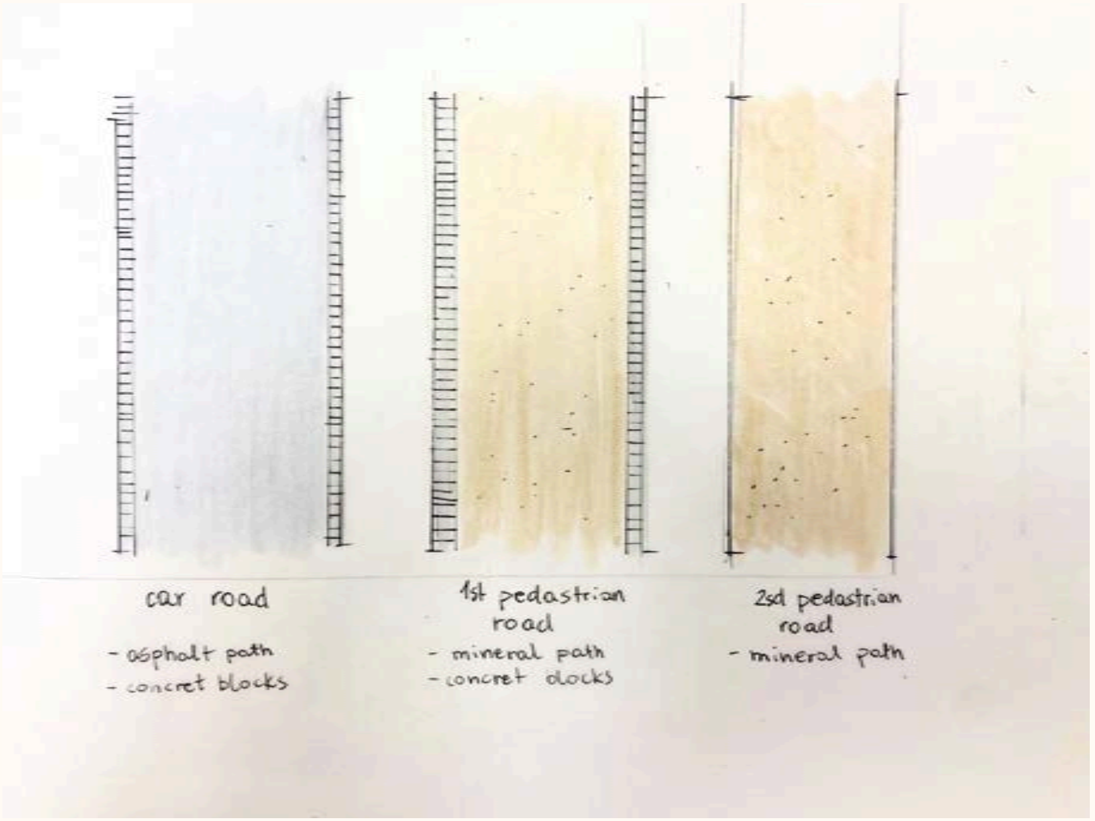


- adding seating opportunities in the atrium
- differentiating the hortus through raised vegetable beds, hammocks and seating opportunities

DOMUS - SKETCHES

PERYSTYL - PERGOLAS

ROAD HIERARCHY



DOMUS - SKETCHES

BENCHES IN PRIVATE AREAS

BENCHES IN SEMI - PRIVAT AREAS

Thank you!