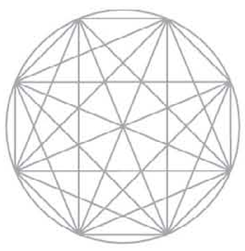
Concept

SITE AS *OBJECT TROUVÉ*
The project is based by a concept derived by an intensification and transformation of potentialities found on site. It uses the existing topography and infrastructural network as a base for its spatial and programmtatic strategy. Our proposal aims to enrich the suburban context by implementing a set of urban qualities.

URBAN TOPOGRAPHY
The new fabric is set in a landscape that is open to public flow, accessible to all. The structure of the project is based on interaction of solids and voids, volumes and landscape. Floating in-between-spaces create an environment for encounters and strolls. The interconnected milieus of this "urban floor" are differentiated in dimension and by their specific location in space. This public landscape is additionally accentuated by a series of public programmes on ground floor and outdoor-zones.

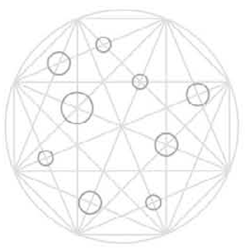
NETWORK/FUTURE ORIENTED STRUCTURE
The project is situated between two neuralgic zones of the area. While strengthening a north-south connection, the additional strategy of the project is to expand this belt in its east-west dimension in order to use the potential of the site as an infrastractural junction that connects the site to Vienna as a whole.
A future-oriented city is a spatial and programmatic dense structure with high quality of life. On architectural scale it is not only ecological but also allowing future scenarios that are now unnown. Units should be designed for dwelling but also for working. Buildings and units should be flexible and spatially refined at the same time.

SHORT DISTANCES



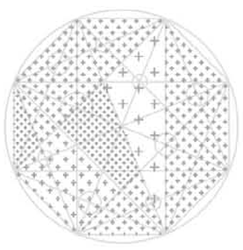
PEDESTRIAN NETWORK

PROGRAMMATIC DENSIFICATION



EVERY DAY LIFE NETWORK

ACCESSIBLE LANDSCAPE



DIFFERENTIATED MILIEUS

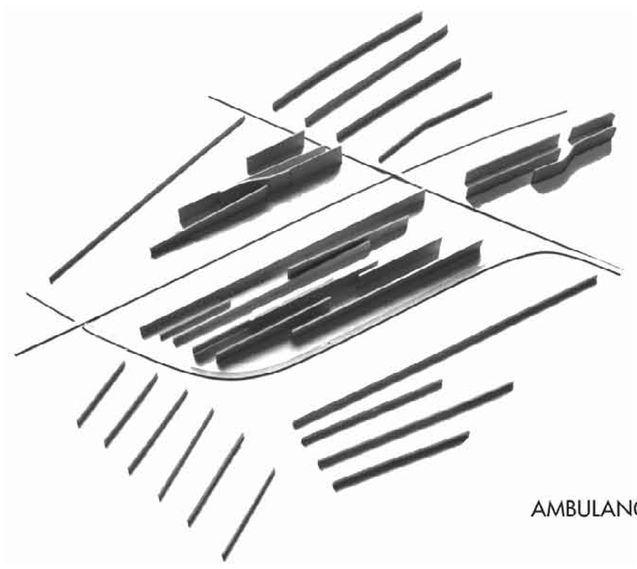
Structural Strategy

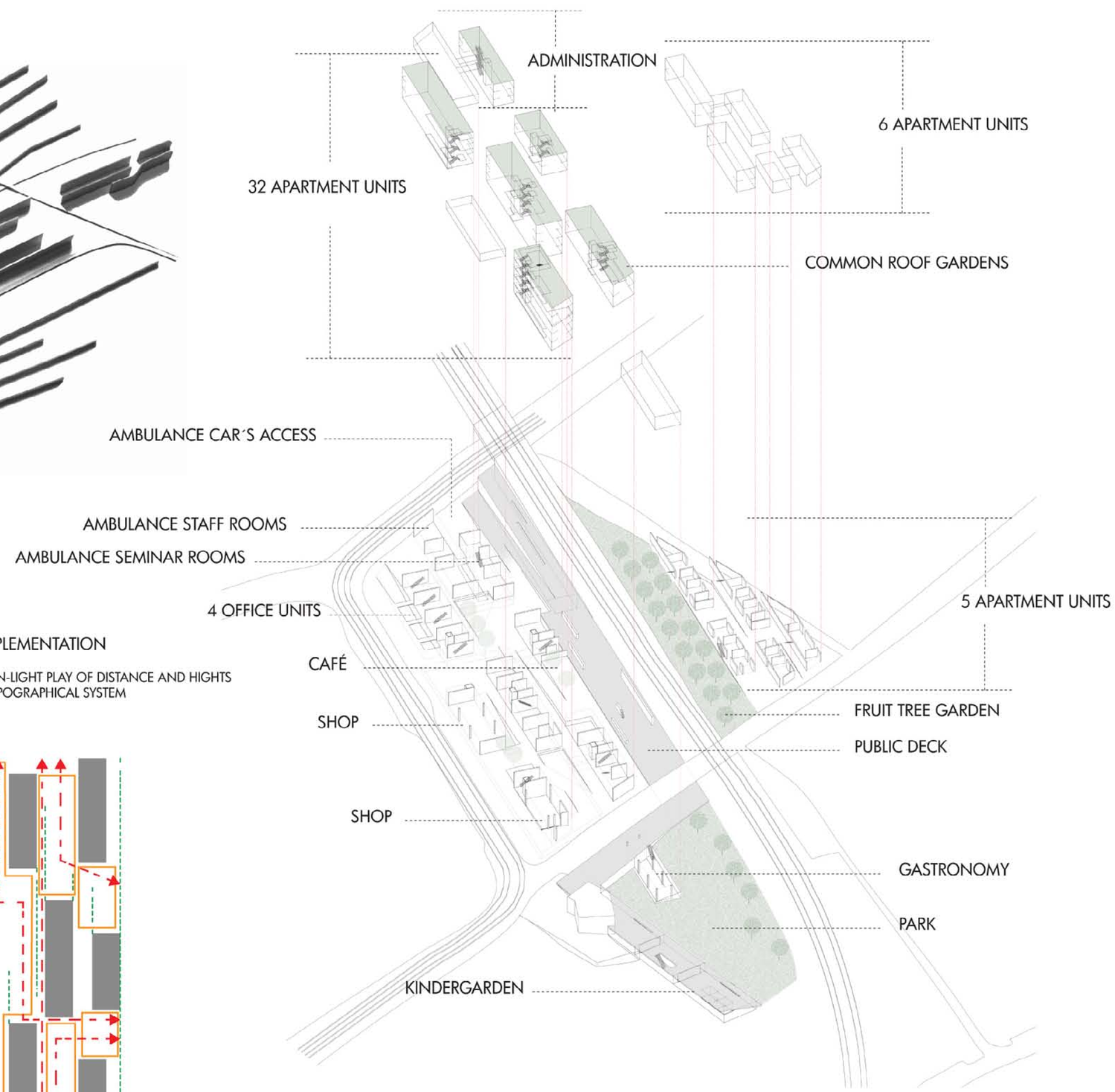
TRANSFORMATION

The organizational layout of the project is based on a transformation of the typical plot structure found in the area. A linear series of stripes of private properties is reinterpreted and re-framed into a collective landscape. Borderlines become markers of different ambiences, of enabling fields, open to all people. The *flaneur* reappears on the surface of the suburban terrain.

IMPLEMENTATION

The implementation on site takes advantage of the given spatial limits as potential. The depth of space is used by a playfull arrangement of volumes in a landscape that functions as an open and connecting unitary surface. The distances and hights of the buildings are placed due to demands of exposure, noise protection and a phenomenological system.

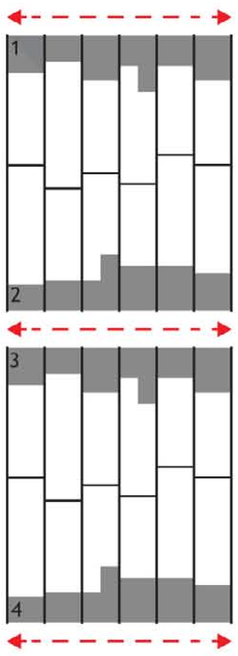




Re-Interpretation/Transformation

EXISTING PLOT STRUCTURE

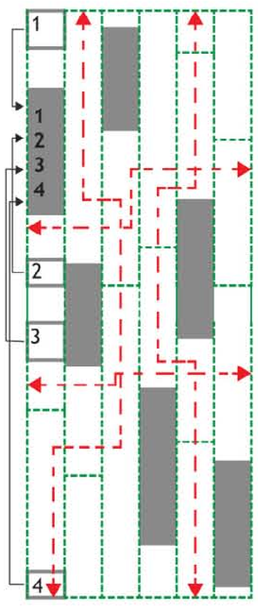
-INACCESSIBLE PRIVATE GARDENS



public circulation
private lots / borders
row houses

TRANSFORMATION

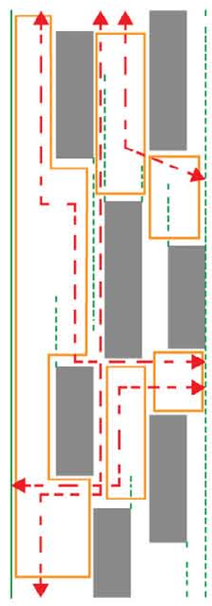
-COLLECTIVE HOUSING
-ACCESSIBLE PUBLIC FIELDS



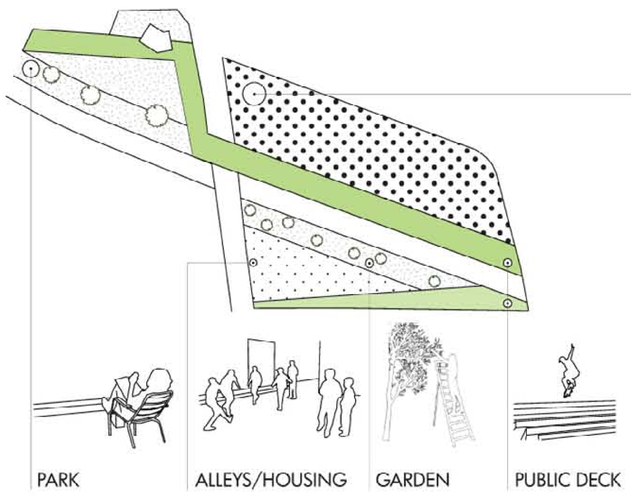
public circulation
public ambiences
collective housing
addition / compact housing

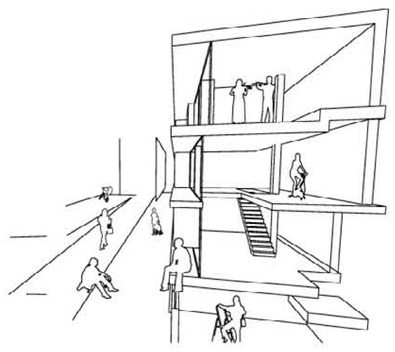
IMPLEMENTATION

-SUN-LIGHT PLAY OF DISTANCE AND HIGHTS
-TOPOGRAPHICAL SYSTEM

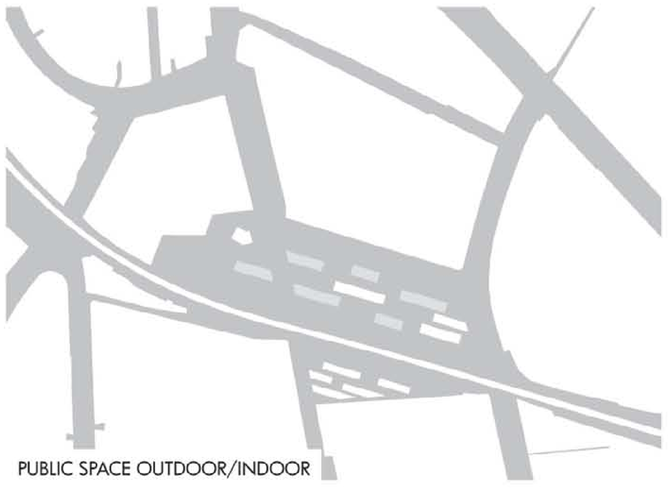


public circulation
topography / public flow
border: S-Bahn
solids
voids

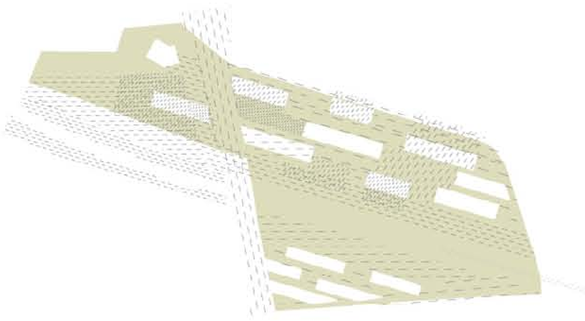




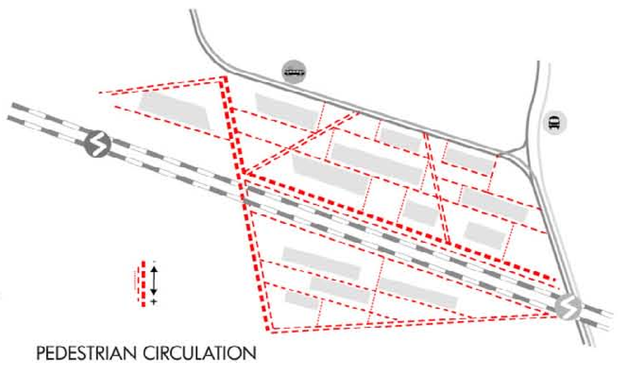
GREEN ZONE
MAIN PEDESTRIAN ROUTES
URBAN ZONE/INFRASTRUCTURAL JUNCTION



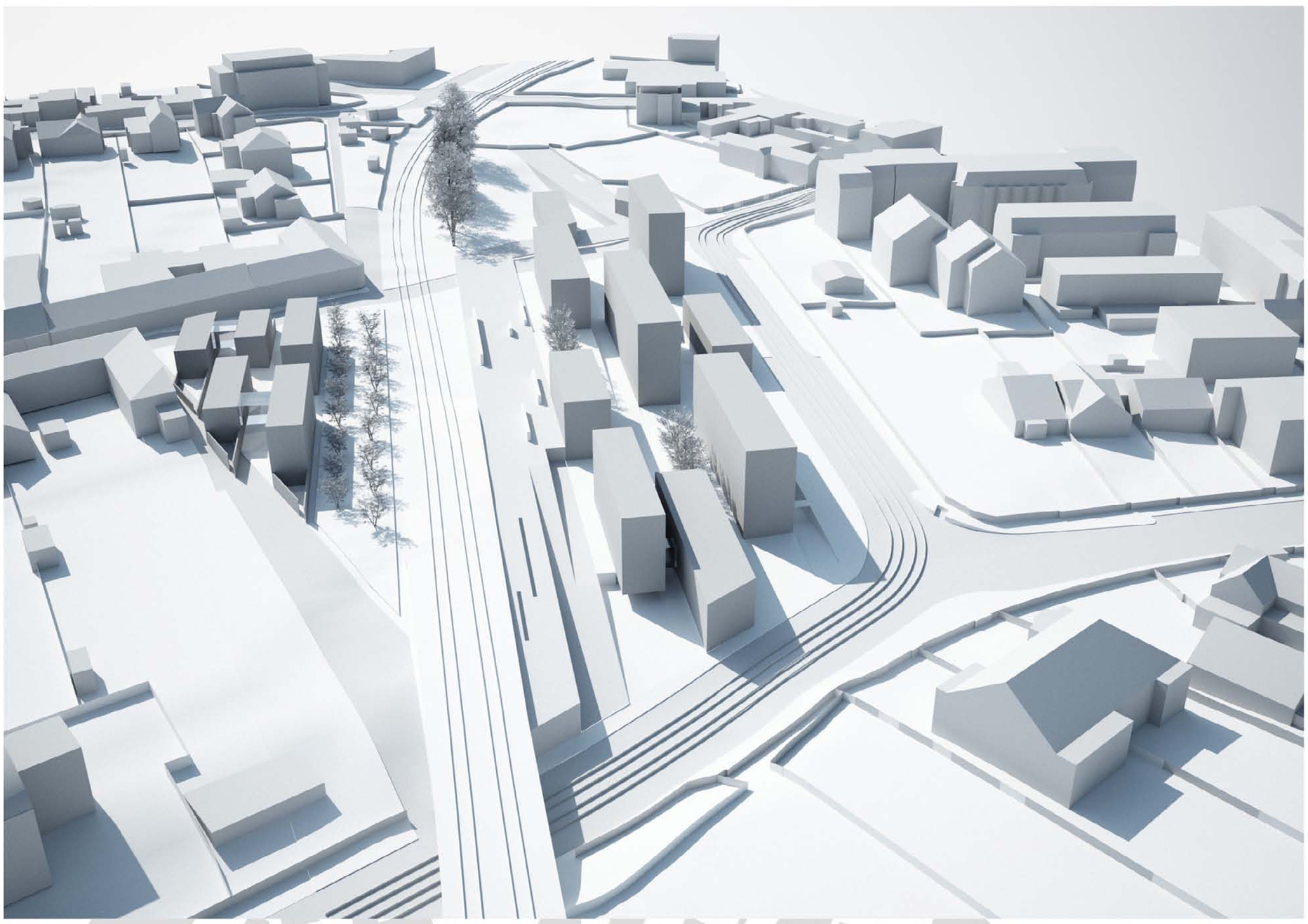
PUBLIC SPACE OUTDOOR/INDOOR

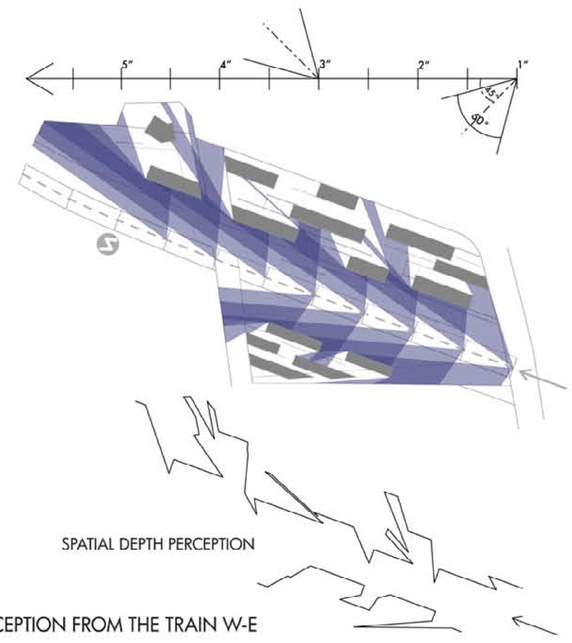


URBAN ZONE/INFRASTRUCTURAL JUNCTION

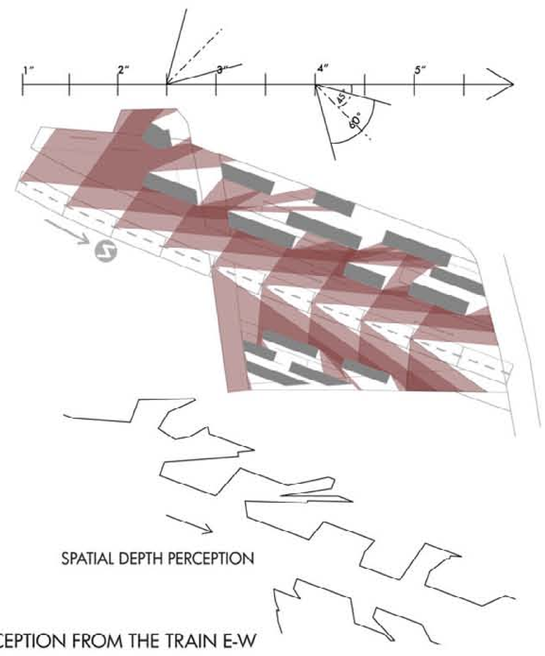


PEDESTRIAN CIRCULATION

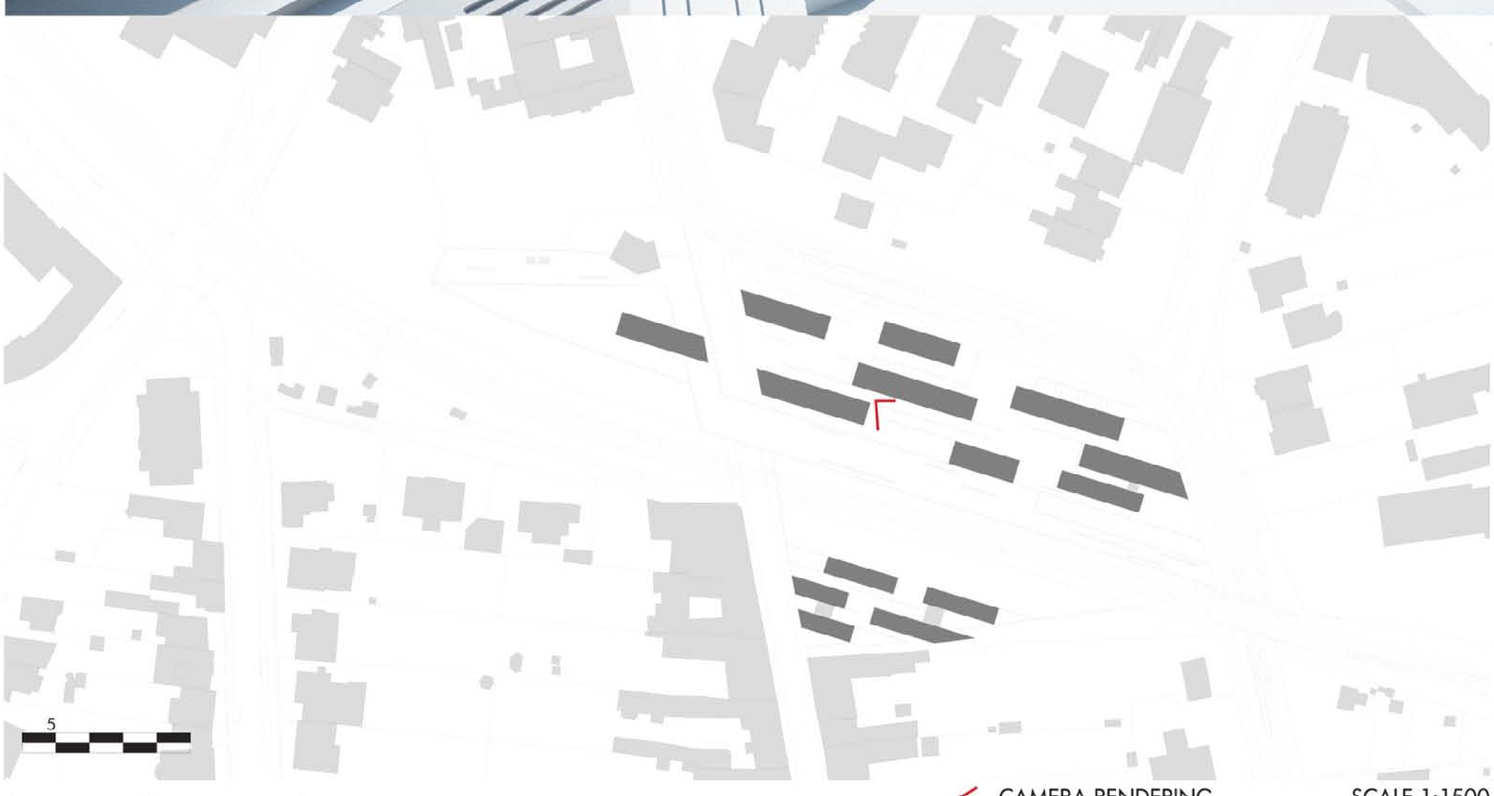




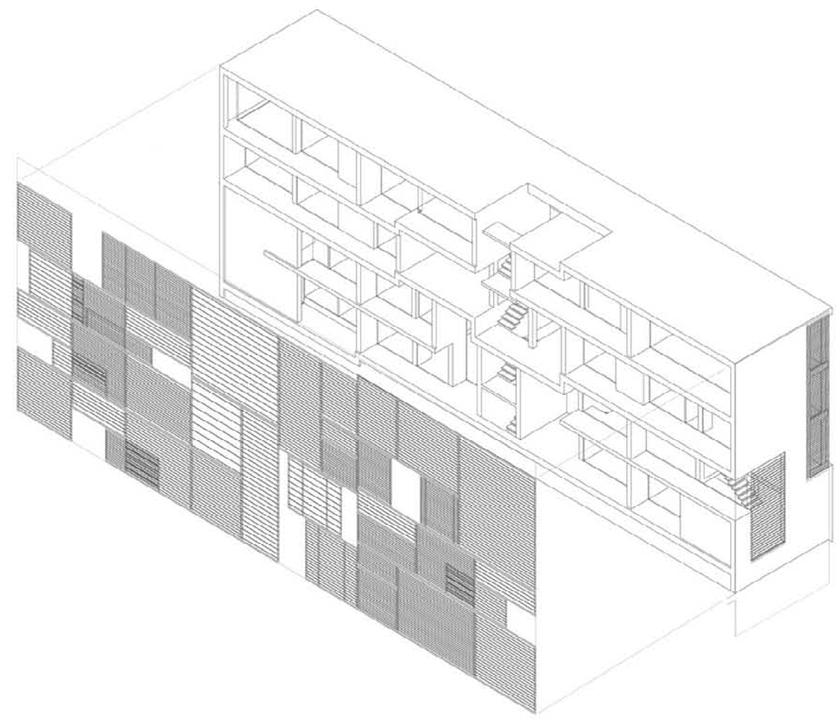
PERCEPTION FROM THE TRAIN W-E



PERCEPTION FROM THE TRAIN E-W



CAMERA RENDERING SCALE 1:1500



Structural concept/perception

The structure is designed for passengers -on the train, strollers and dwellers on different speeds. The fabric of the project is based on a spatial layering. The perception of space is everchanging for users who pass by train or *flaneurs* on the ground moving through or lingering in space. To understand the disposition of volumes and voids one has to drift through public space. The spatial and programmatic layering can only be understood by moving by or moving in its spatial arrangement. It is a structure to be explored.

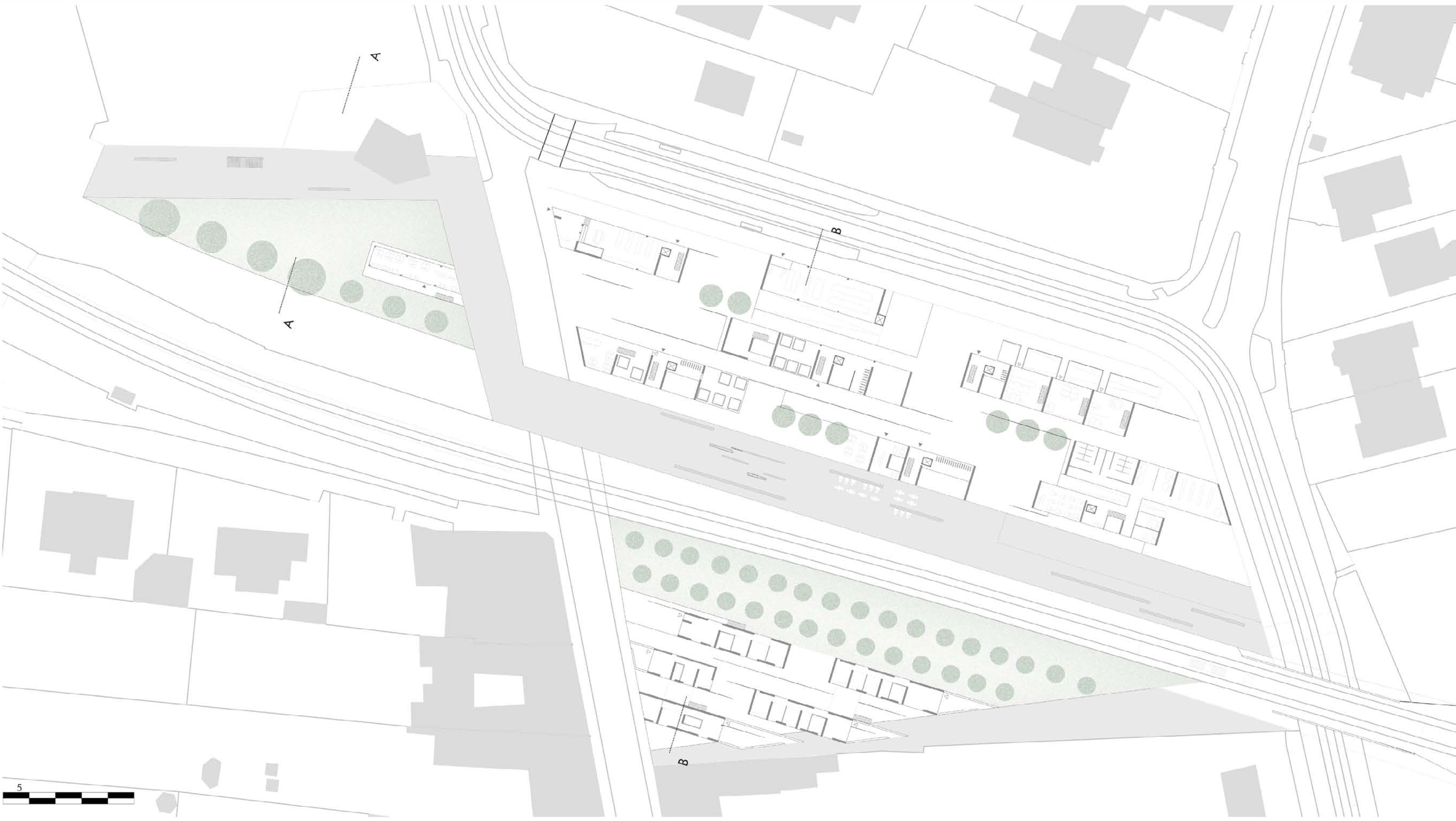
Flexible, sustainable housing

SURROUNDINGS / CONTEXT
The housing units are valorized by surroundings that unite suburban and urban qualities. Due to the south orientation the spatial depth of the building is reduced.

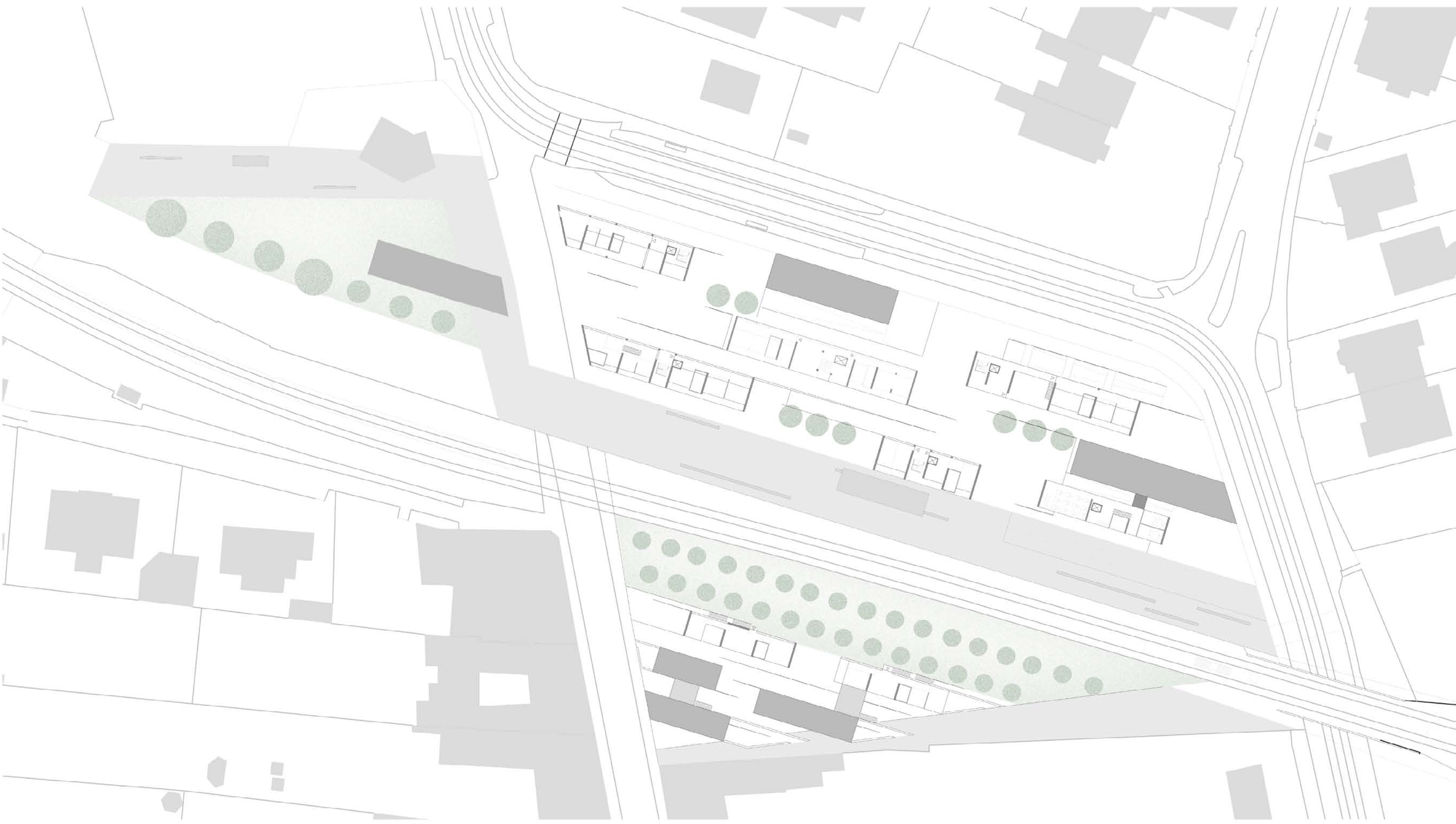
FLEXIBILITY / LIFE-CYCLE STRUCTURES
The apartments are designed as 3-D structures that can be adopted over time. The rooms are open to different kinds of uses and can be appropriated by the users. The units can be used for dwelling and working and combinations of use (live-work). A 2-room apartment can be transformed in a 3 or even 4 room apartment by leightweight subdivisions. The structural logic of „support" (structural grid) and „infill" allows changes in the future due to changing needs.

SECOND SKIN / DEGREES OF TRANSPARENCY AND OPAQUENESS
The south facades of the apartment blocks offer to skins. The outer layer is for sun protection. A series of sun protecting blades can be moved and overlayed by the users according to the demands of sun protection and privacy. The north facade is covered with and additional layer of membrane to allow a high degree of privacy.

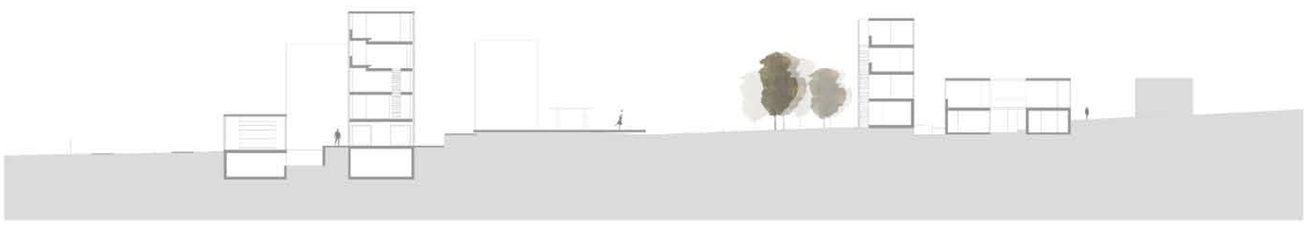
LEISURE
The apartments are expanded by a series of loggias in various spatial dimensions. The landscape surrounding the housing blocks is an „urban-floor" with pockets of green and trees.
The roof-tops of the building are used for collective gardening.
The 45 units differ from one another due to their location in the building and in the ensemble of buildings. All units are accessible barrier-free. A mix of units is designed: Maisonette, split-level units and one floor apartments.



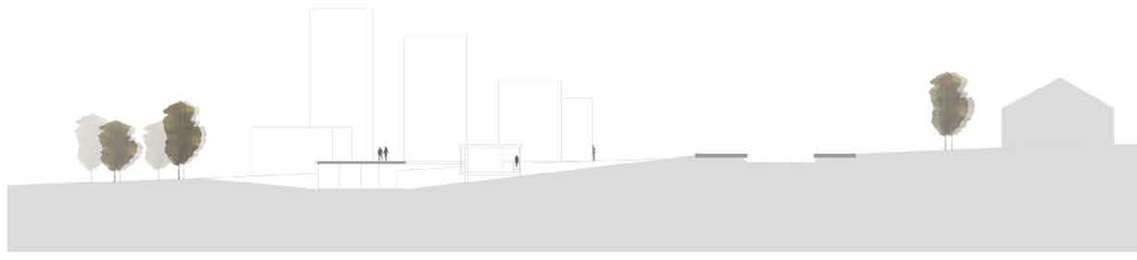
GROUND FLOOR PLAN SCALE 1:500



THIRD FLOOR PLAN SCALE 1:500



SECTION B-B SCALE 1:500



SECTION A-A SCALE 1:500

NORTH ELEVATION SCALE 1:500