

PATHS TO GREEN ANALYSIS AND CONCEPT

advanced studio landscape - postfossil neighbourhoods - paths to green
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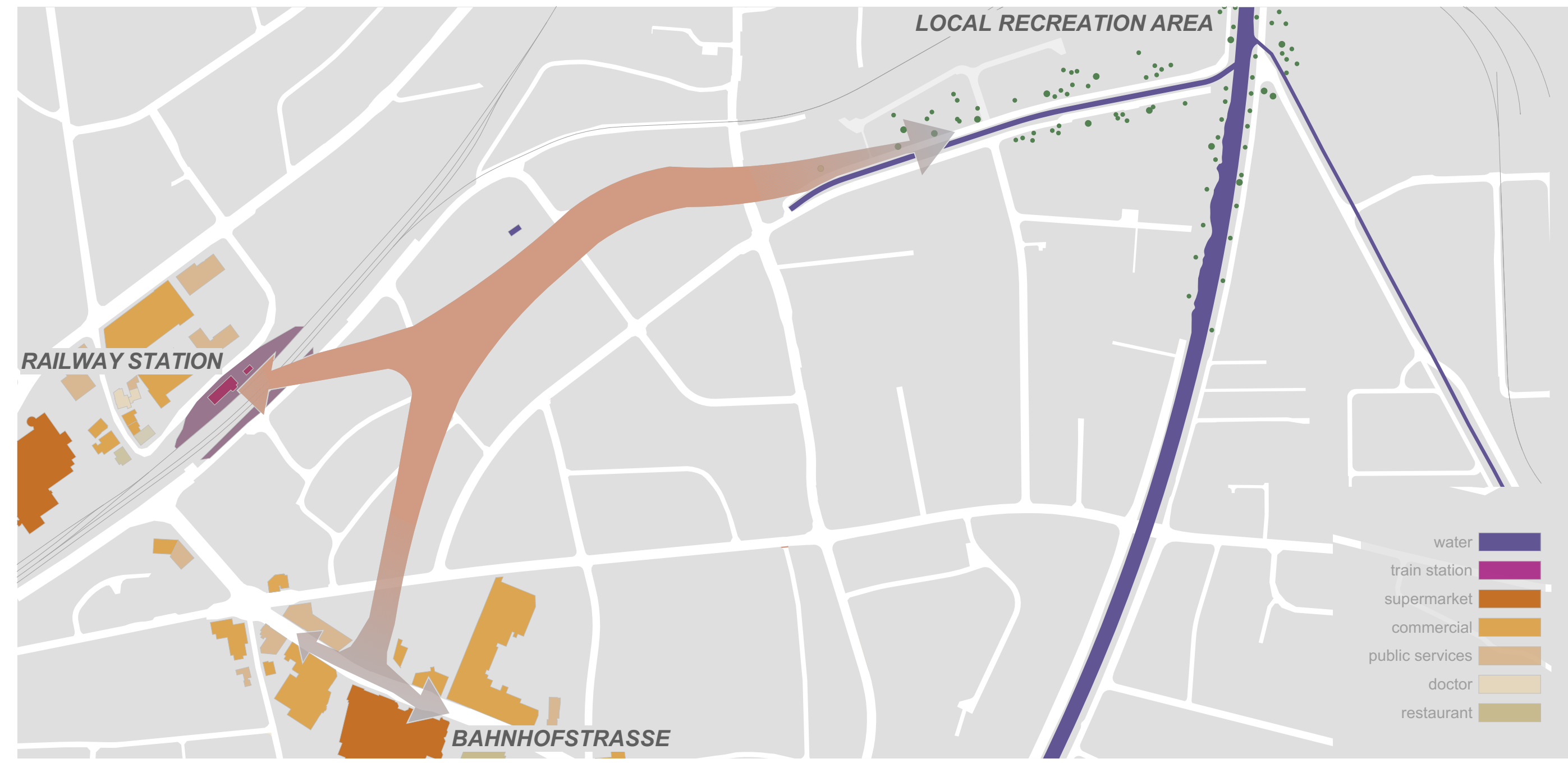
ANALYSIS

Communal areas today
 - not very attractive
 - rather unused



Green spaces
 - monotonous design
 - little biodiversity
 - heavily maintained

Strassenräume
 - Fokus auf Autos
 - wenig Grünräume



URBAN CONCEPT

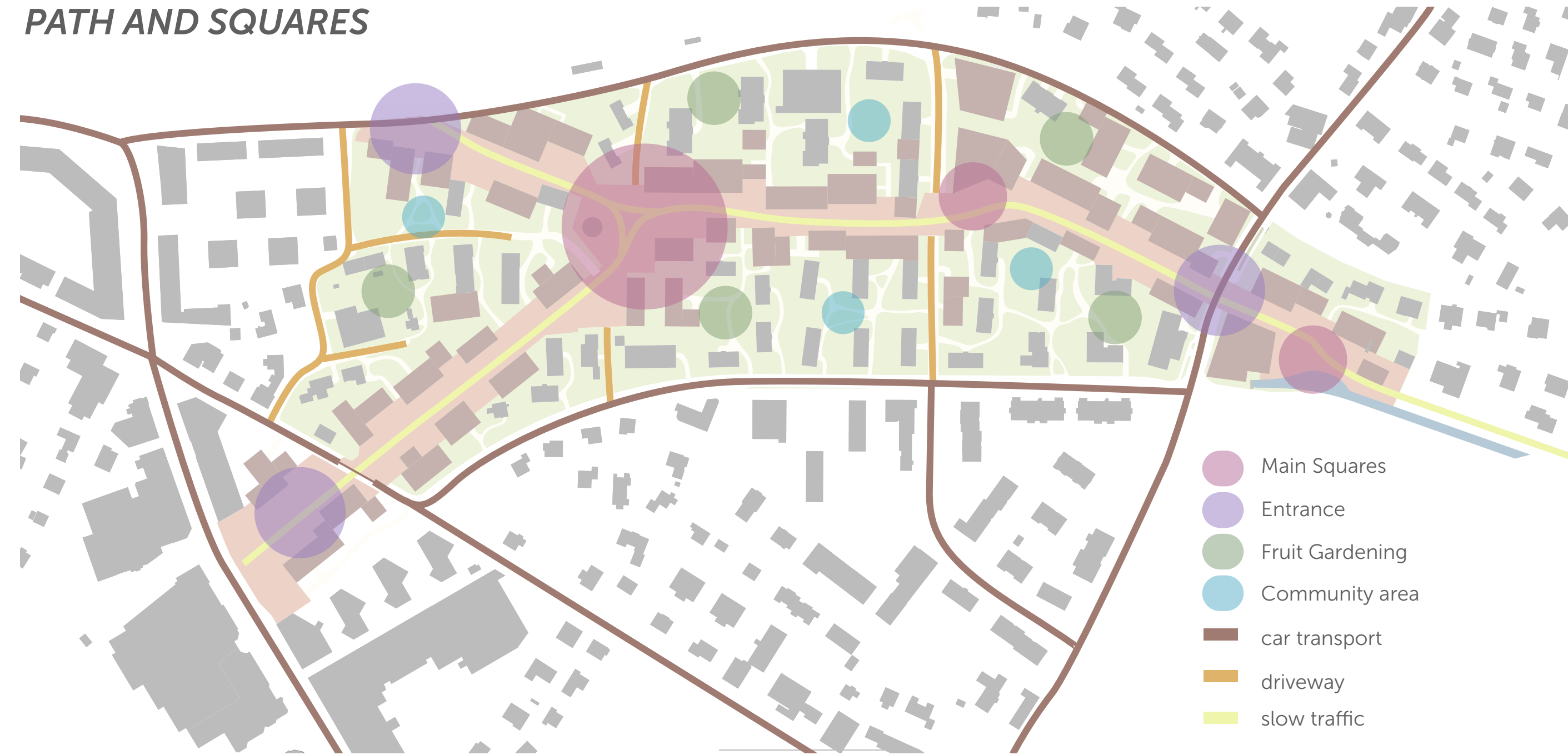
Looking to the future and the reduction in private transport, it is noticeable that Widnau has very few high-quality footpaths. There are only three paths, and these run along the canal and the Rhine. With our intervention, we want to introduce a new path: a slow traffic axis from the railroad station and Bahnhofstrasse to the canal and the local recreation area.

The green path ensures fast access to public transport near the train station, supports various regional businesses and their products on Bahnhofstrasse and on the axis itself, and promotes easy and close access to the recreational zones near the canal and the Rhine. The densified zone along the axis is mainly used for public purposes on the first floor. The buildings at the other side of the axis - the post-war buildings from the 1970s - will be renovated and equipped with more sustainable heating and energysystem. The generous green space of the renefelder Gartenquartier will be enriched and the buildings will remain affordable and geographically easily accessible living spaces.

LANDSCAPE ARCHITECTURE GOALS

- Creation of a high-quality footpath axis
- Exterior design of the residential axis that can be experienced
- Create multifunctional squares
- Strengthen the sense of community in the garden neighbourhood

PATH AND SQUARES



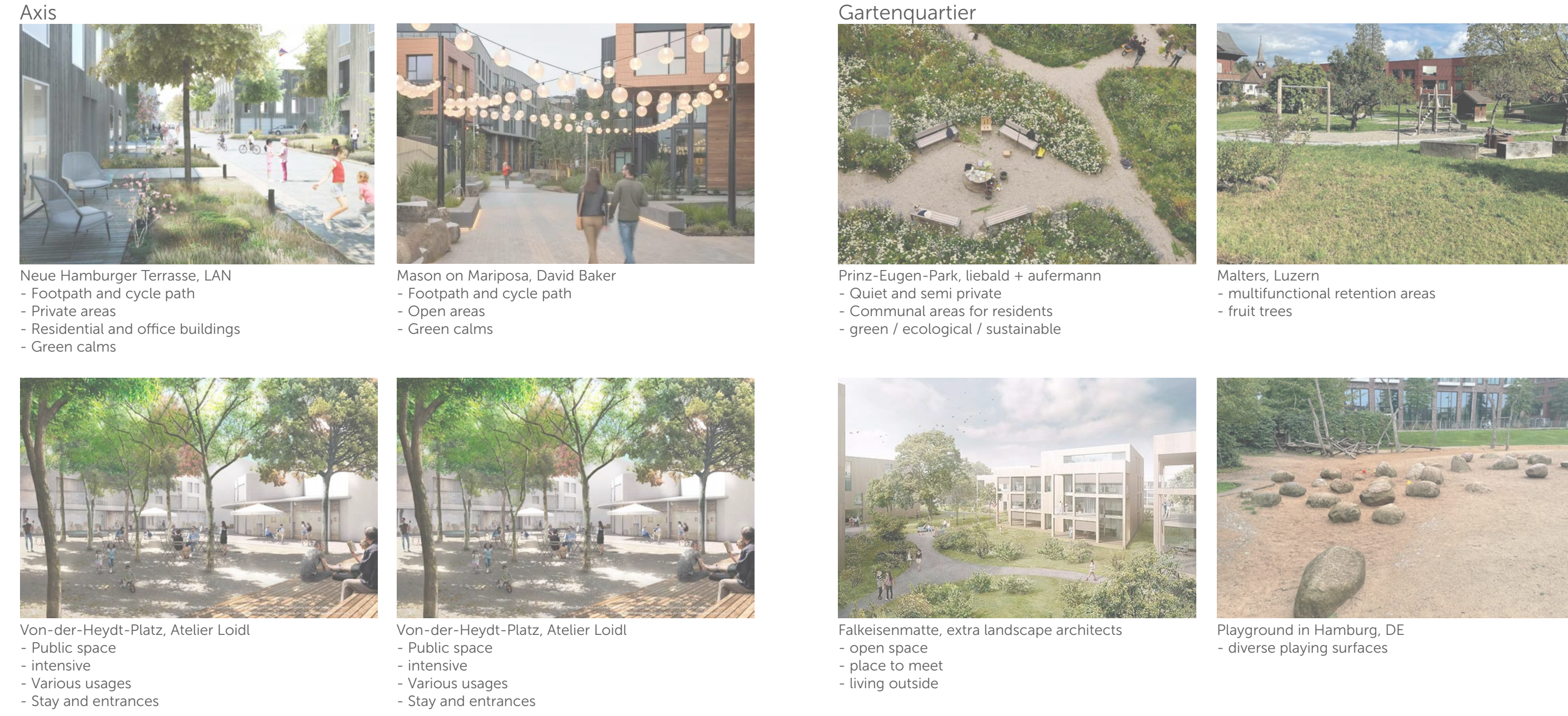
USAGE



TREES



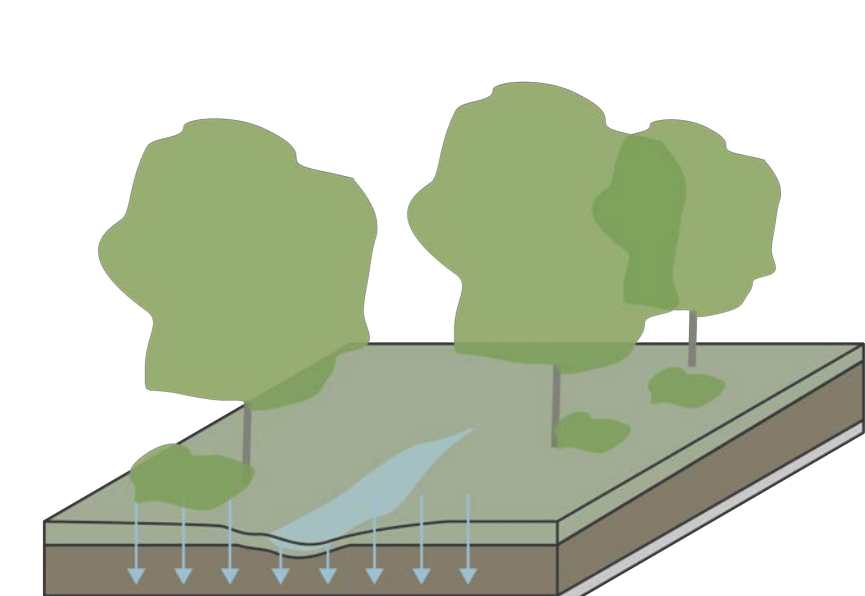
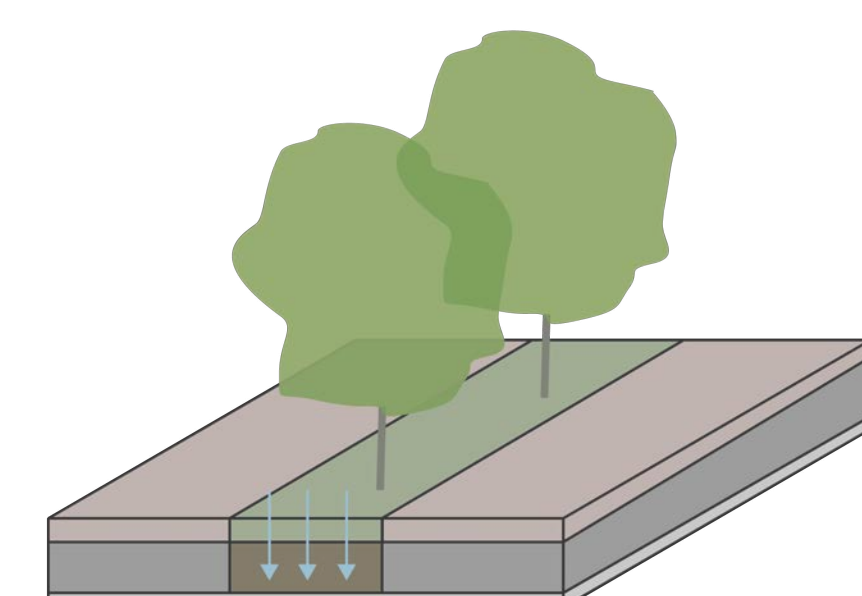
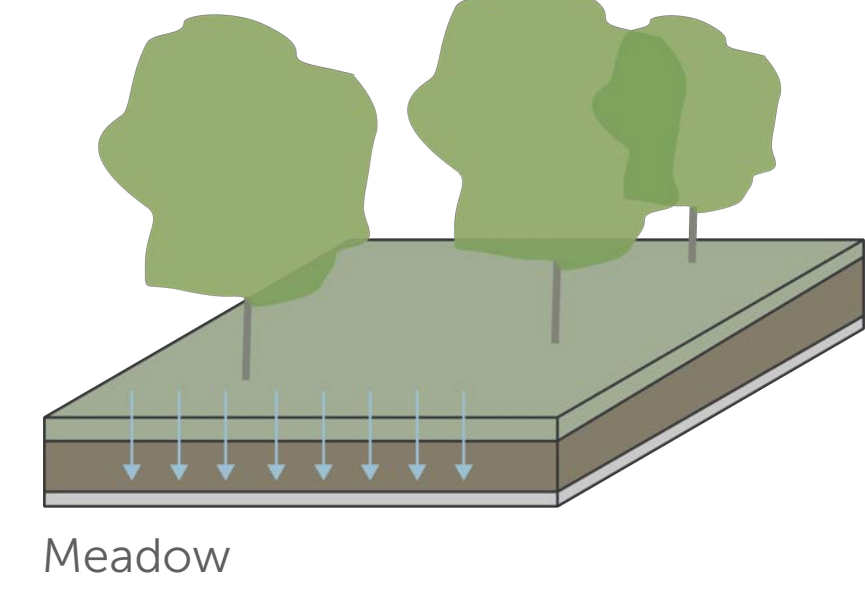
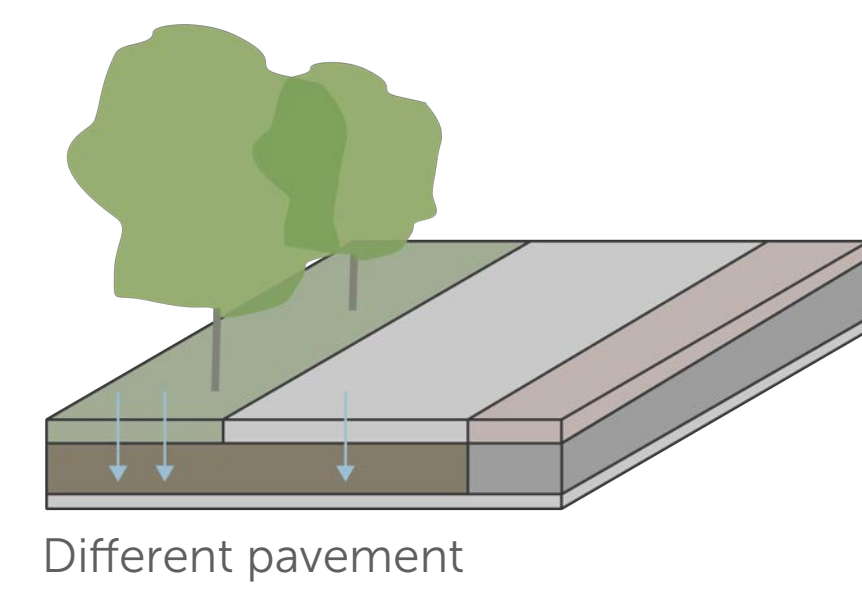
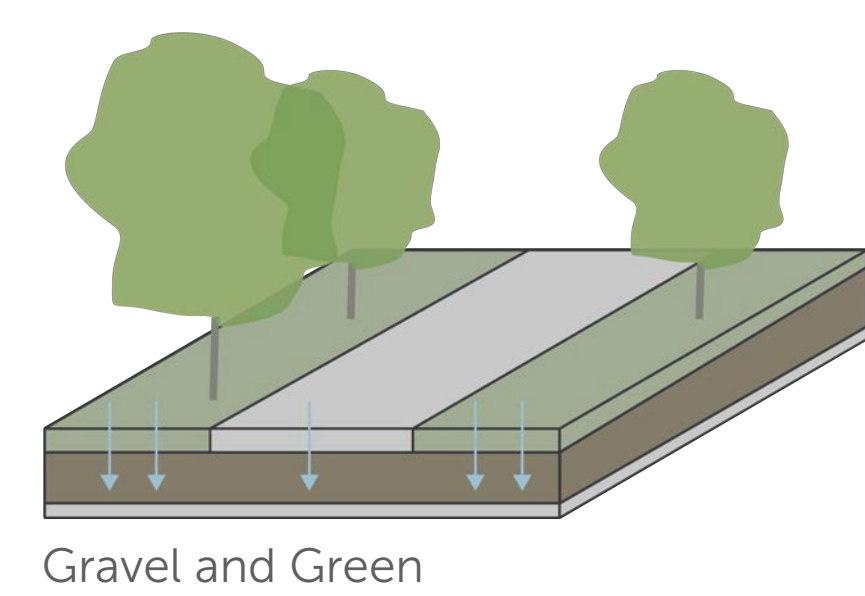
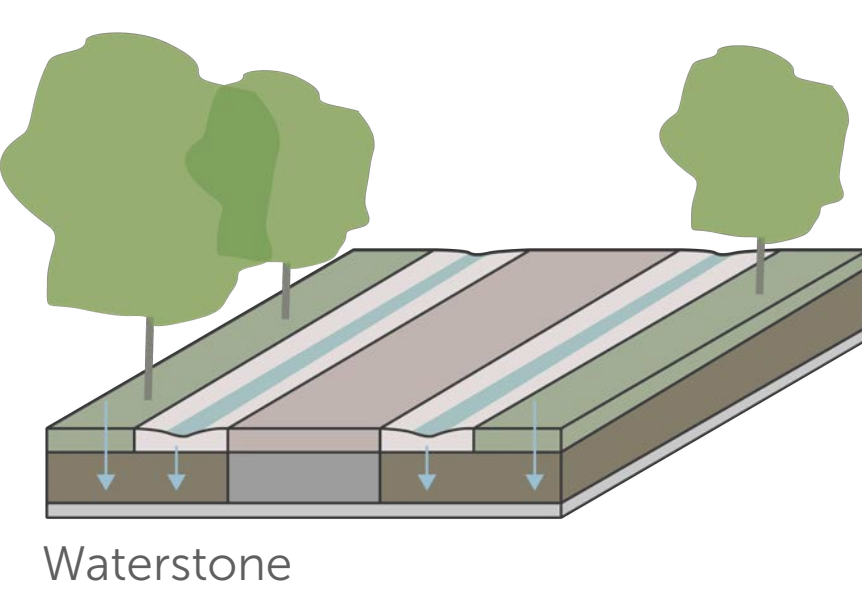
REFERENCES



RAINWATERMANAGEMENT

Axis
 On the axis, the drainage is mainly in the green areas and along the path. The water is diverted from the path with water stones alongside the axis and thus reaches the private gardens. In the gardens the water can be stored. Compared to the stabilizer, the gravel allows more water to seep away. Therefore the streets can store water and let it seep in the nearby green areas.

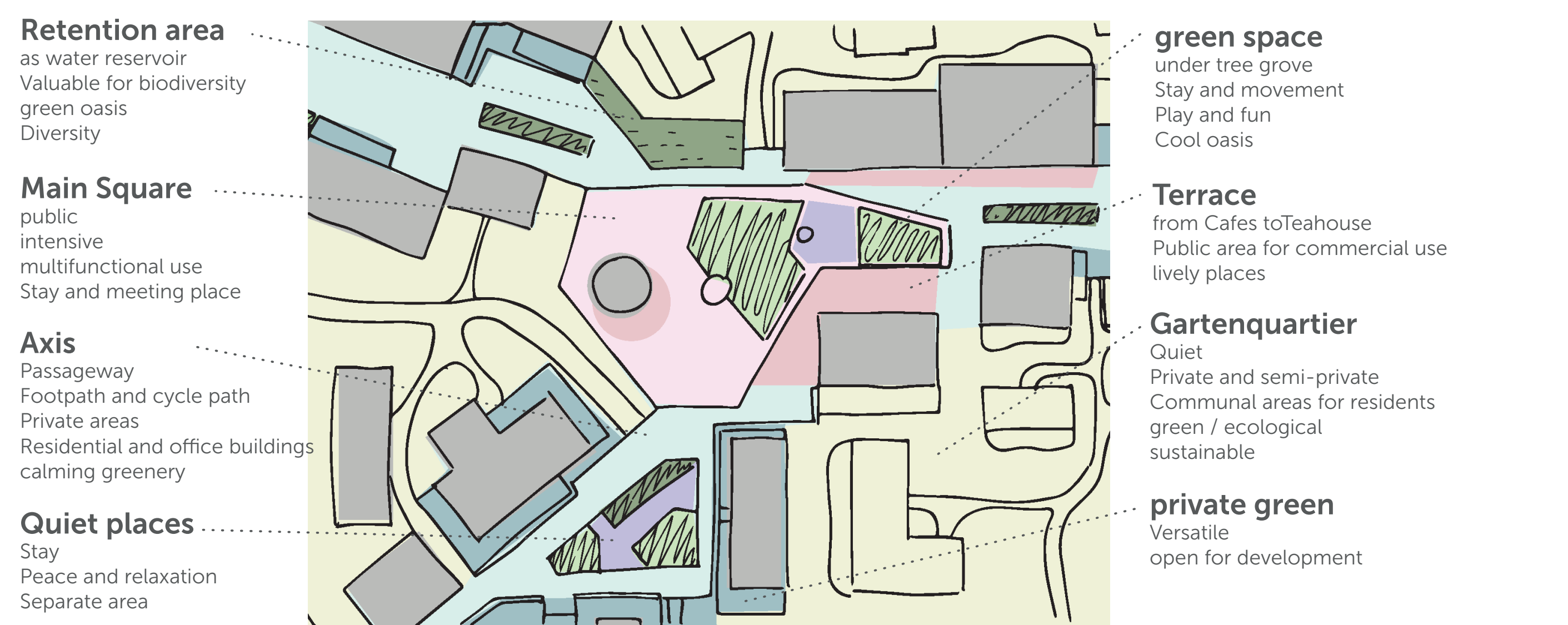
Gartenquartier
 Rainwater management in the garden neighbourhood is simple. Most of the water seeps away and is retained on the meadow areas. There are a lot of green and unsealed areas in the Gartenquartier. For the pathway we decided on gravel, which also serves as an infiltration and improves the rainwater management.



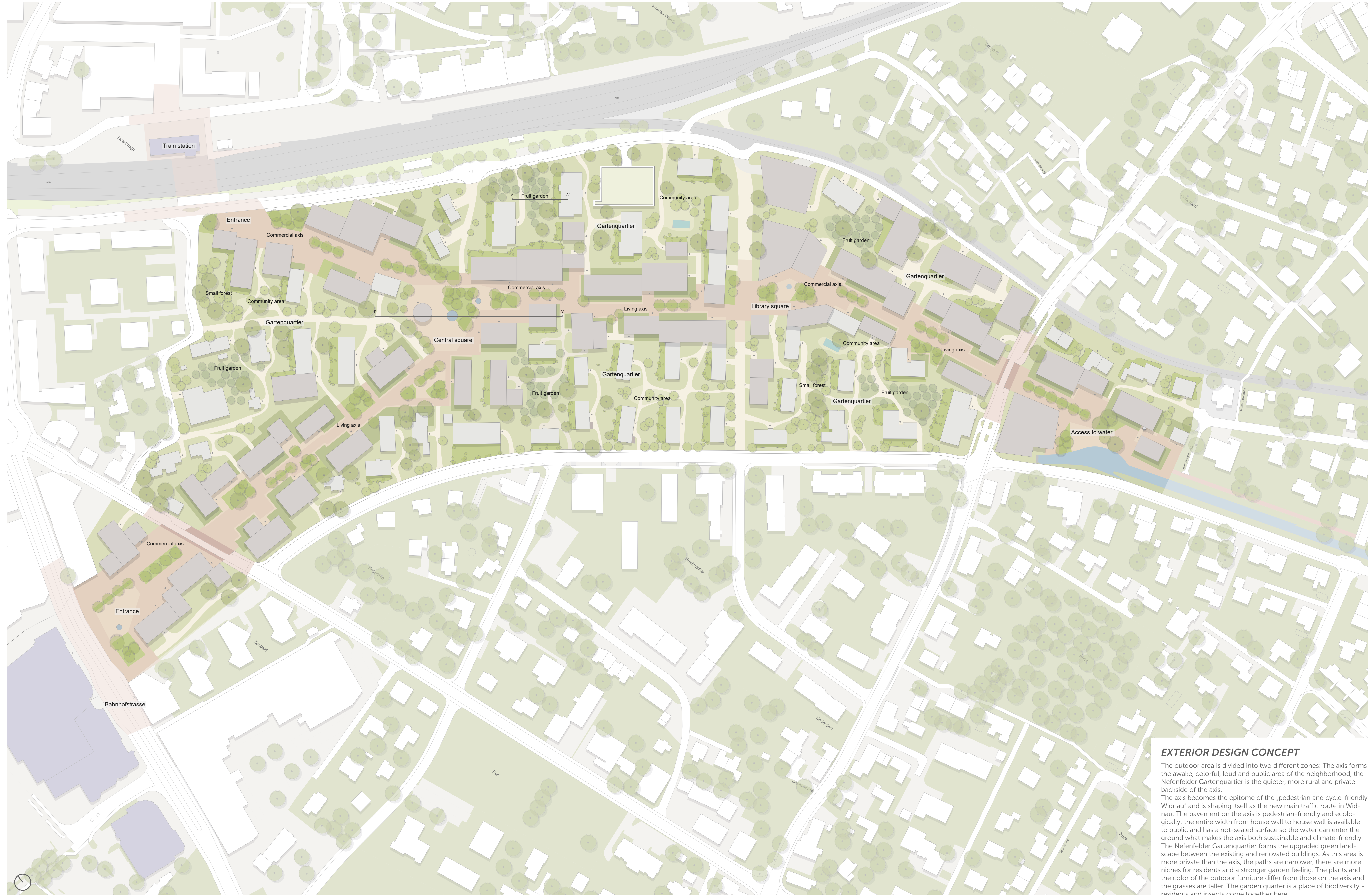
TREE CONCEPT



SCHEME FOCUS PERIMETER



Street trees	Parc trees	Fruit trees
<ul style="list-style-type: none"> Alnus x spaethii Acer campestre Acer rubrum Ostrya carpinifolia Quercus cerris Sophora japonica Tilia tomentosa 	<ul style="list-style-type: none"> Acer platanoides Carpinus betulus Fagus sylvatica Fraxinus excelsior Populus nigra Quercus robur Tilia cordata 	<ul style="list-style-type: none"> Corylus avellana Malus domestica Prunus avium Pyrus communis Juglans regia Prunus domestica
<ul style="list-style-type: none"> as tree row in groups 	<ul style="list-style-type: none"> single trees in loose groups 	<ul style="list-style-type: none"> as fruit meadow



EXTERIOR DESIGN CONCEPT

The outdoor area is divided into two different zones: The axis forms the awake, colorful, loud and public area of the neighborhood, the Nefenfelder Gartenquartier is the quieter, more rural and private backside of the axis.

The axis becomes the epitome of the „pedestrian and cycle-friendly Widnau“ and is shaping itself as the new main traffic route in Widnau. The pavement on the axis is pedestrian-friendly and ecologically, the entire width from house wall to house wall is available to public and has a not-sealed surface so the water can enter the ground what makes the axis both sustainable and climate-friendly. The Nefenfelder Gartenquartier forms the upgraded green landscape between the existing and renovated buildings. As this area is more private than the axis, the paths are narrower, there are more niches for residents and a stronger garden feeling. The plants and the color of the outdoor furniture differ from those on the axis and the grasses are taller. The garden quarter is a place of biodiversity - residents and insects come together here.

PATHS TO GREEN FOCUS PERIMETER

Main Square



Gartenquartier



Axis



FOCUS PERIMETER 1:200



SECTION AA' GARTENQUARTIER 1:100



SECTION BB' MAIN SQUARE 1:200

