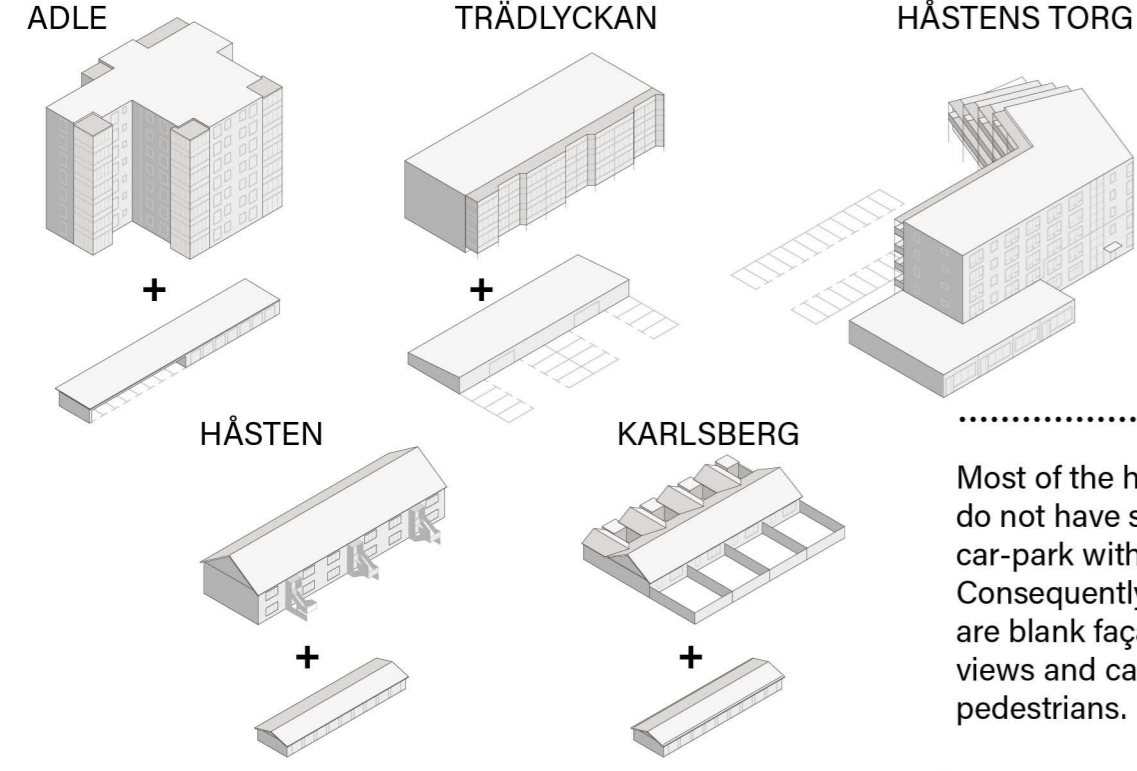


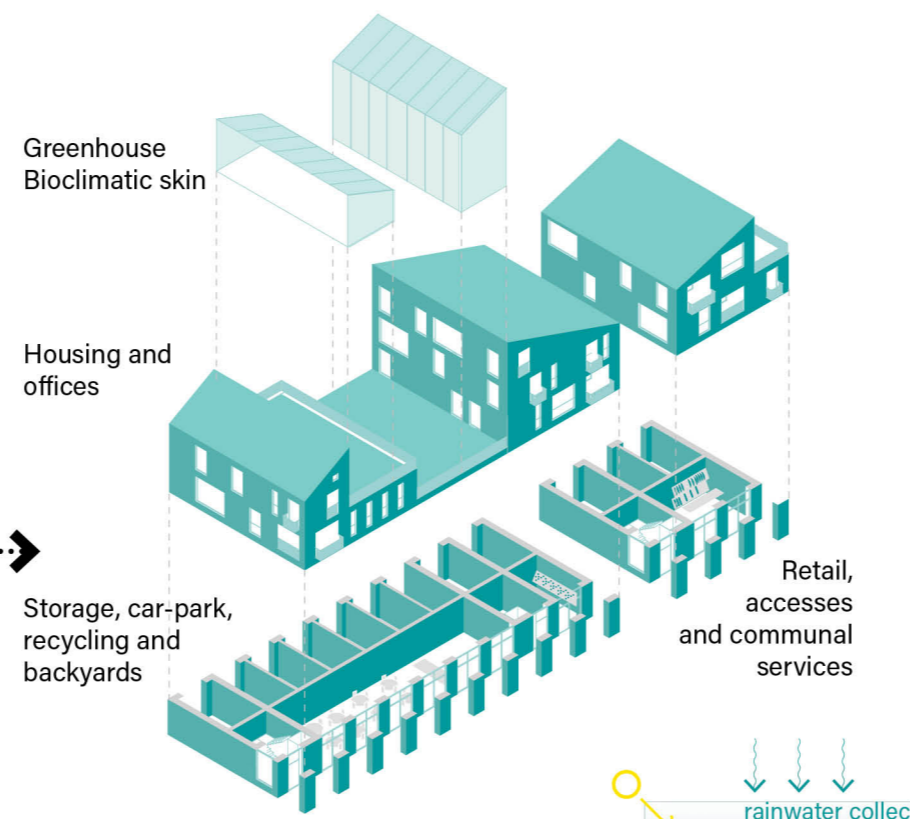
IB013

Building typologies

Stacking the existing and adding life



Most of the housing typologies do not have storage or covered car-park within the same building. Consequently, these storages are blank façades blocking the views and causing insecurity to pedestrians.



The new buildings at Trädlyckevägen will be hybrid new typologies, stacking storage spaces and housing, but also adding active ground-floors and productive uses at different levels. This solution limits the land occupation of the new uses but, at the same time, clearly contributes to the liveability of Trädlyckevägen.

Sustainable strategies

Enhancing the natural values of the place

Trädlyckevägen will be not only a new street but it can also work as a laboratory to achieve sustainable goals.

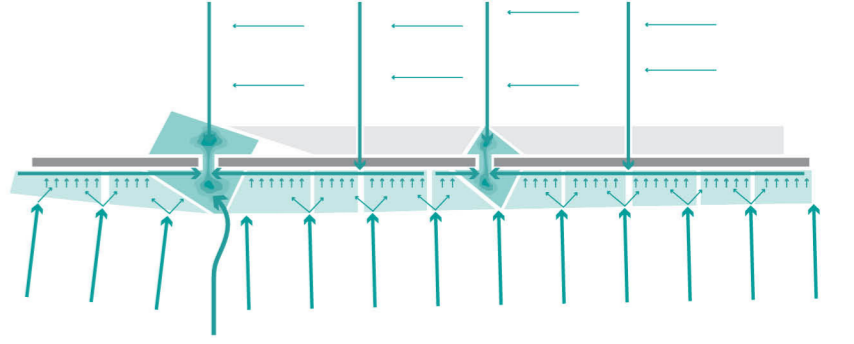
A linear park 970 meters long

The southern part Trädlyckevägen becomes a large linear park, a green corridor and leisure area for the city. The areas with lush vegetation are kept untouched and new plantations of trees complete the empty areas and improve the green corridor between Brunnsberg and Nedregården / Östra Träslöv.



Sustainable drainage

The new linear park manages to handle heavy rainfall and floodings by transforming the existing underpasses as new rain gardens. With a slight modification of its actual topography and the removal of the asphalt, these pedestrian underpasses are transformed into biodiversity nexuses.



Building orientation

Buildings are located north of the street, in order to ensure adequate sunlight in public space. New porches with shops will protect pedestrians from rain and allow the location of terraces and restaurants. Clean energy production - geothermal, solar panels or wind turbines- will be incorporated into the architecture.



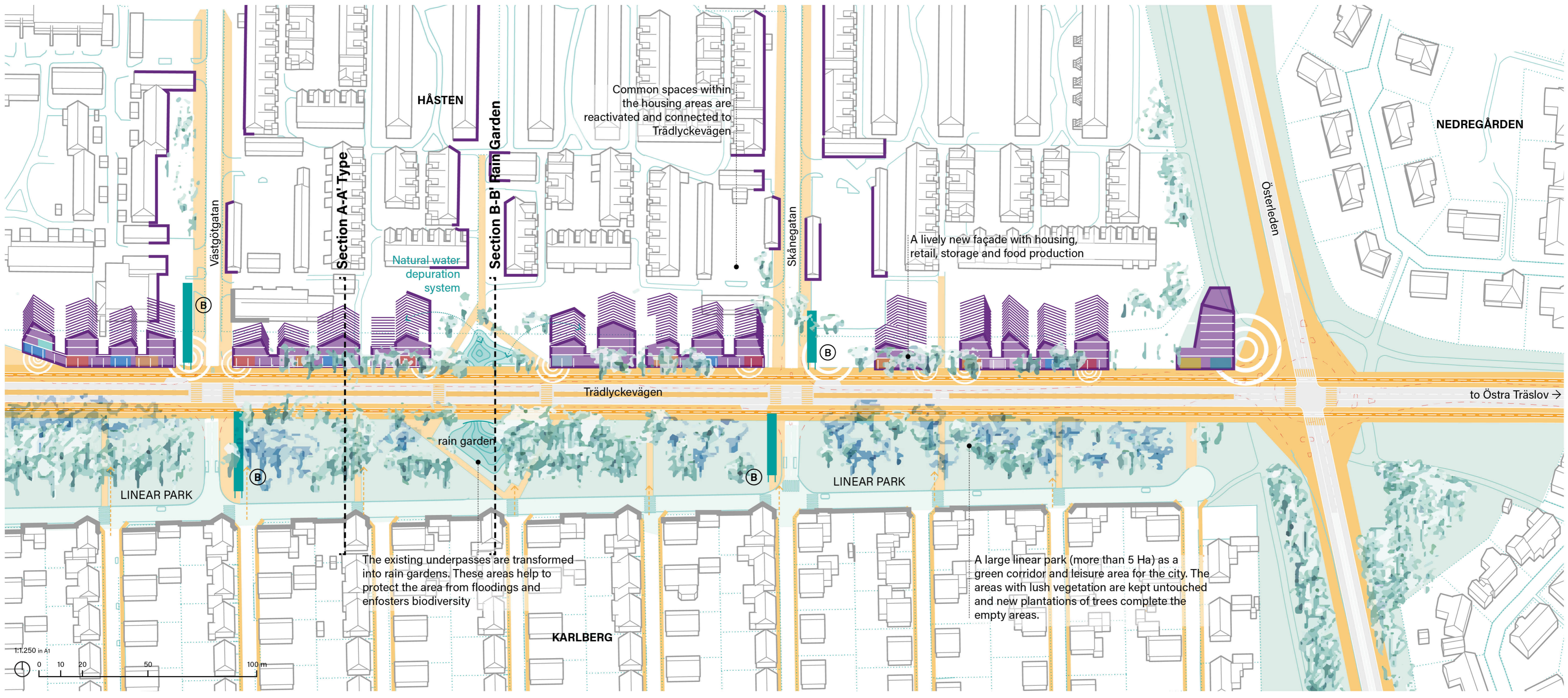
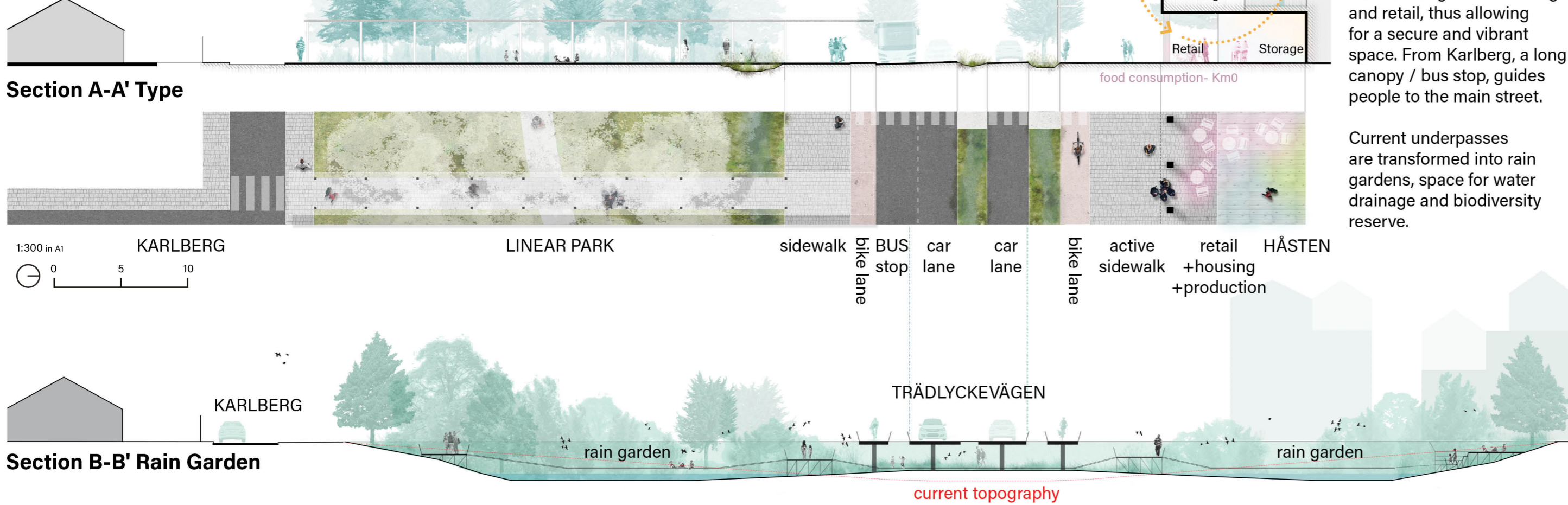
Circular economy and local production

Food production spaces in buildings, food retail, selective waste disposal and biomass energy and compost generation lead to a circular goods flow. New greenhouses will be located at the rooftops, allowing for km0 food production.



Streetscape

A living street



ACTIVE AVENUE

Lively frontage with new housing and retail
Rethought section with at-grade crossings and vegetation
Preservation of tree canopy and new water drainage areas

