

MARGINAL TRAJECTORIES

Urban plan and design in the larger territory of Mashhad

This project is about precarious stories within the marginal settlements of Mashhad, Iran. The marginal settlers are always on the go, searching for basic needs that are scarce in the situation and environment they live in. The continuous seeking for work opportunities, food, water, and sanitation services brings forth a life of trajectories that is reminiscent of the life of the nomad. Opposed to the nomad, the life of the marginal settler is set within the boundaries of the city. It is a paradox of living a nomadic life in the marginal settlement and so it is a life full of difficulties.

The project intends to improve the marginal state of Mashhad's marginal settlements whilst focussing on life in transit. The project addresses trajectories and intersections and intends to embrace, enhance and take inspiration from the nomadic lifestyle. Its use is intended to be of democratic and public nature, ready to be taken over and adapted by the marginal settlers themselves.

Working child

The child is pushed by his family to go working, 'to become a man'. The entire day he spends in the centre with other children that also work to sell flowers, napkins and chewing gum to people in cars. A part of the money is spend to play games, what is left is given to the family.



Addict

The pedestrian bridges are used by drug addicts as a place to sleep. The day is spend by picking up rubbish and stuff in it in five bags. The 'pains' (hangout) of the people operates as an economy of its own.



Addicted child

The child lives in a family of drugs and abuse. Money is earned by begging and street peddling to pay for her or his and the parents' drugs.



Day-laborer (construction worker)

He lives far away, and does not have money to take the bus, so he walks to the centre to hopefully get picked up for a day job as a laborer. Others are registered in the pkecentre, but because of the long commuting he appears on the bottom of the list every day.



Paper recycling hub

15000 tons of construction waste comes in per year

Glass recycling hub

18000 tons of construction waste comes in per year

Dismantling p (+ 1st sorting)

In the dismantling plant the construction waste is sorted into the different categories: concrete, brick, asphalt, glass, metal and construction waste. Different types of waste can be recycled, while in this plant they are also sorted so that they can be recycled in a separate way.

Plastic recycling hub

80000 tons of plastic and 1700 tons of PET waste comes in per year

Textile recycling hub

15000 tons of textile waste comes in per year

Metal recycling hub

12000 tons of ferrous and non-ferrous metals comes in per year

Construction waste recycling hub

12000 tons of construction waste comes in per year

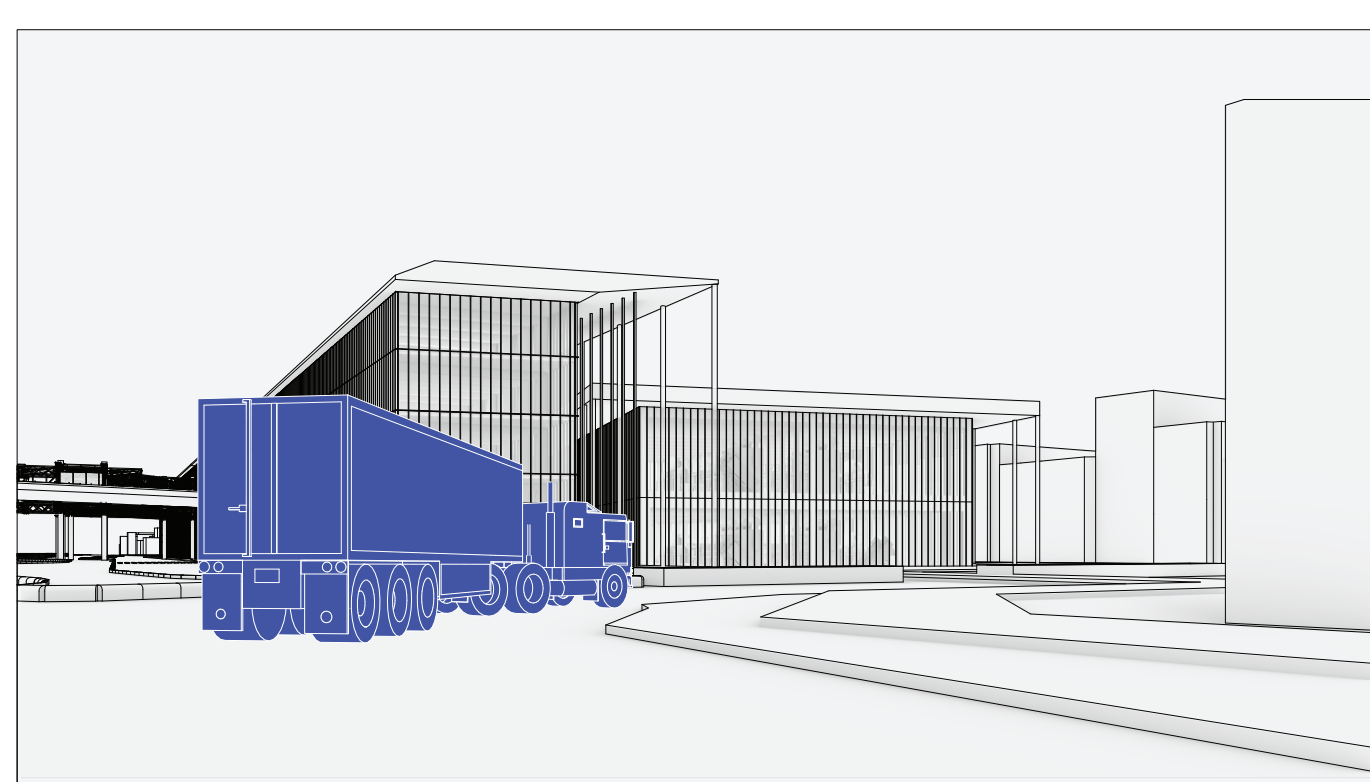
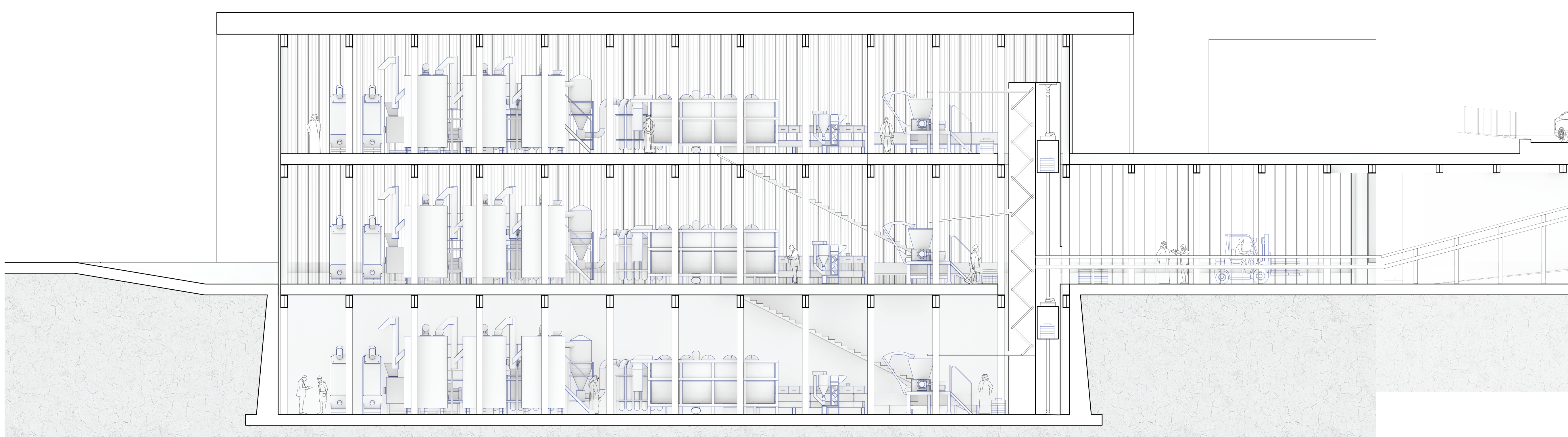
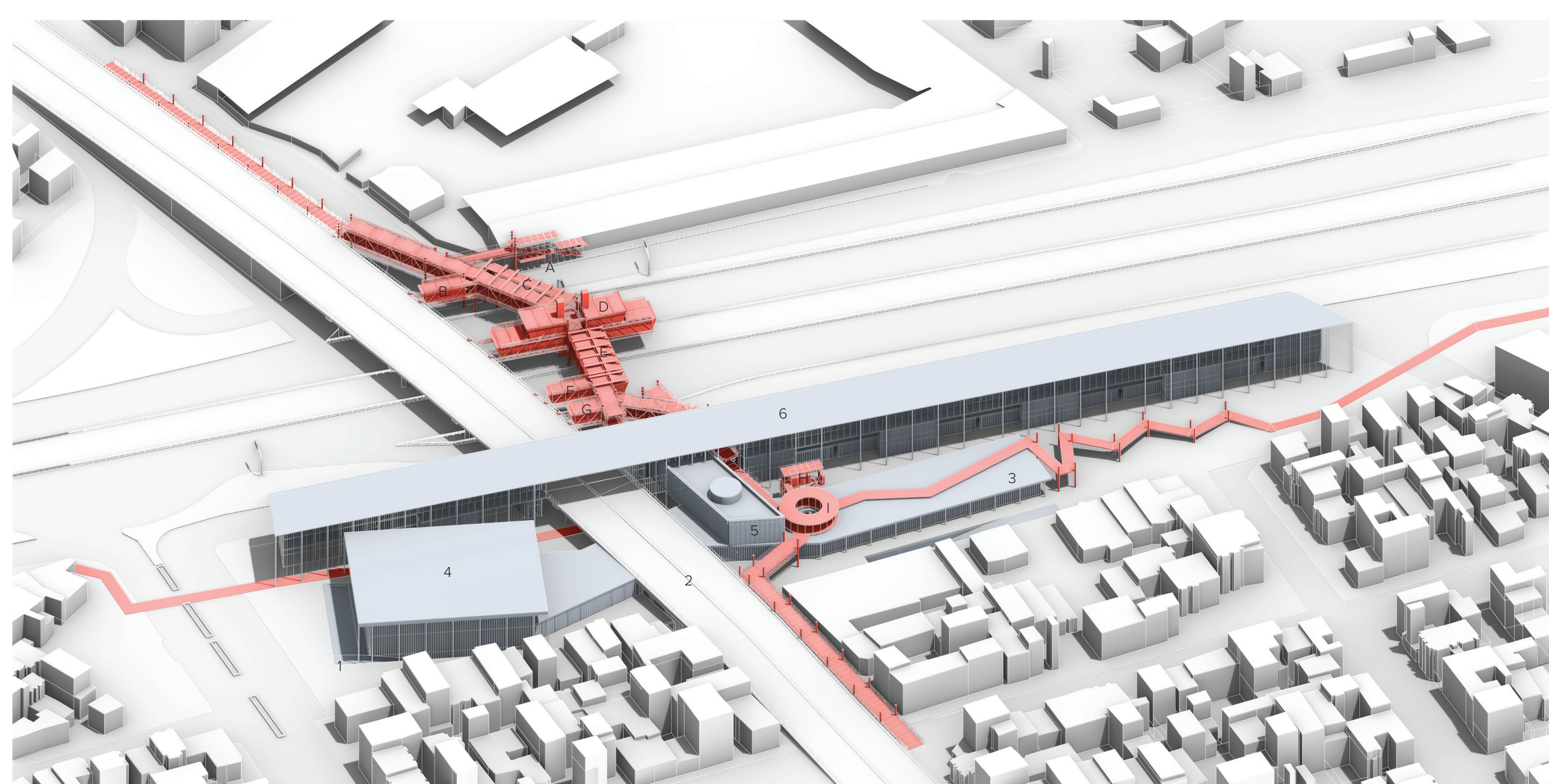
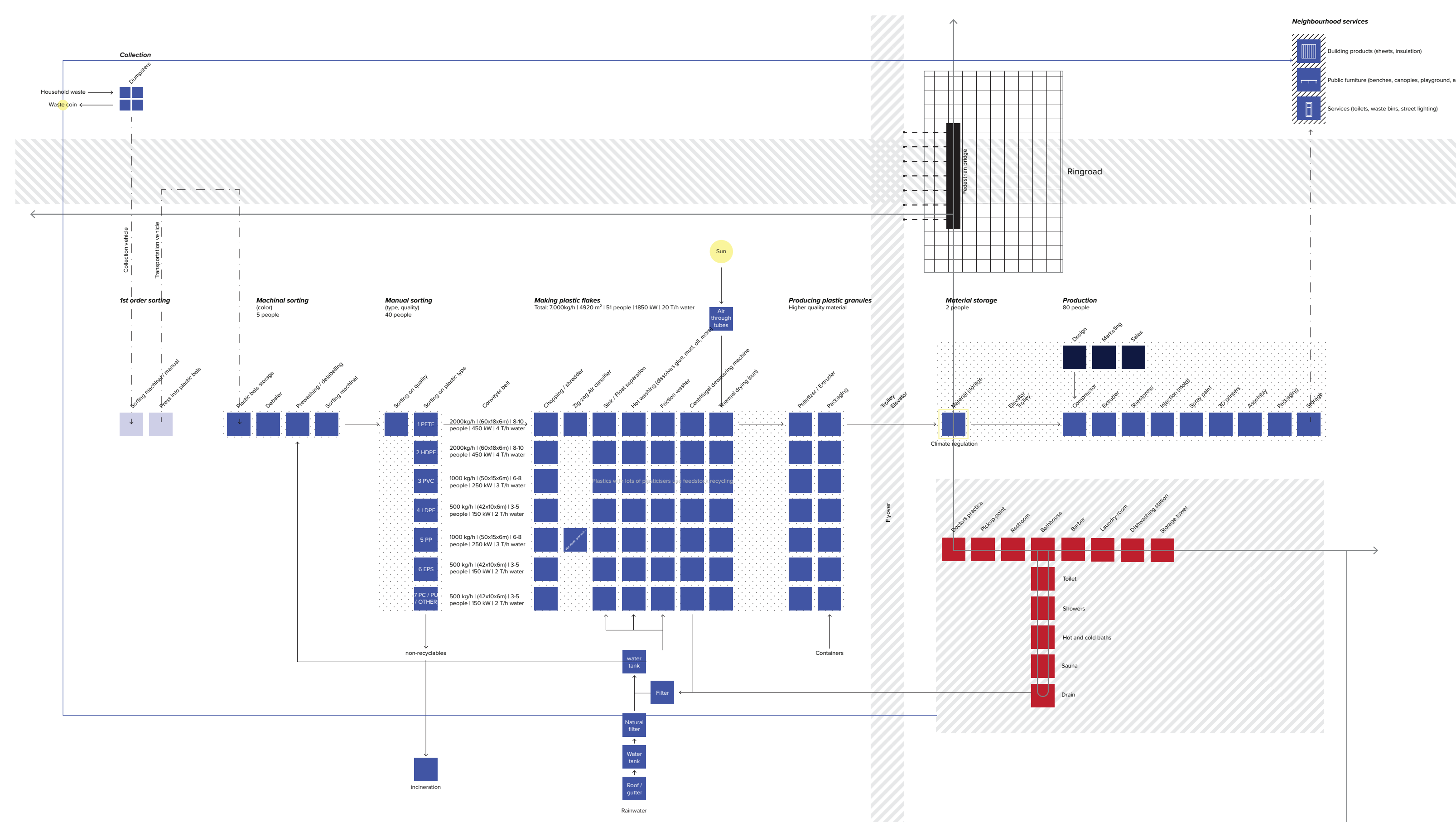
Pedestrian bridges

Pedestrian bridges are characteristic of Mashhad. This common way of crossing the large ringroad and also plenty of smaller roads is however not at all a popular infrastructure.

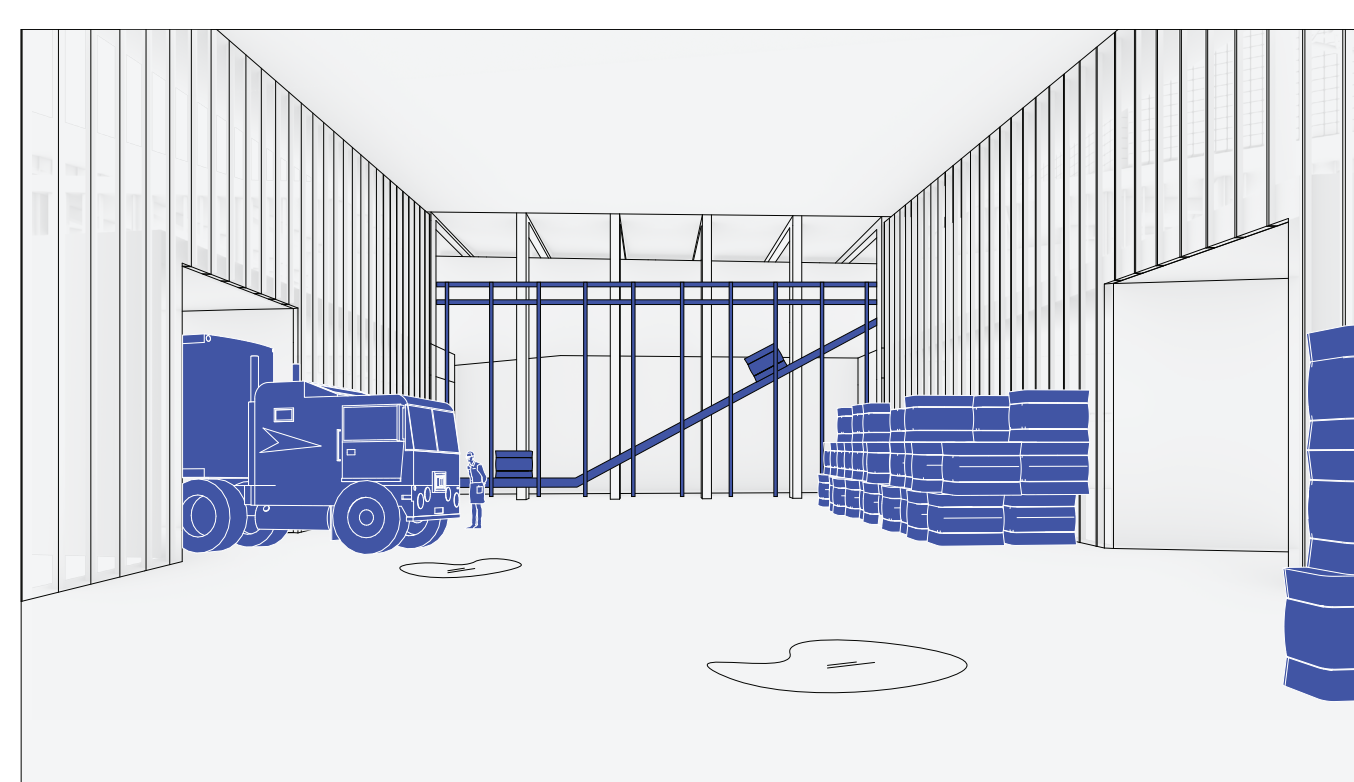
The bridges span from a few meters to a mere 183 meters with multiple staircases. Sometimes stairs lead to a longitudinal park on the median strip in-between the two lanes of the ringroad.

Ringroad

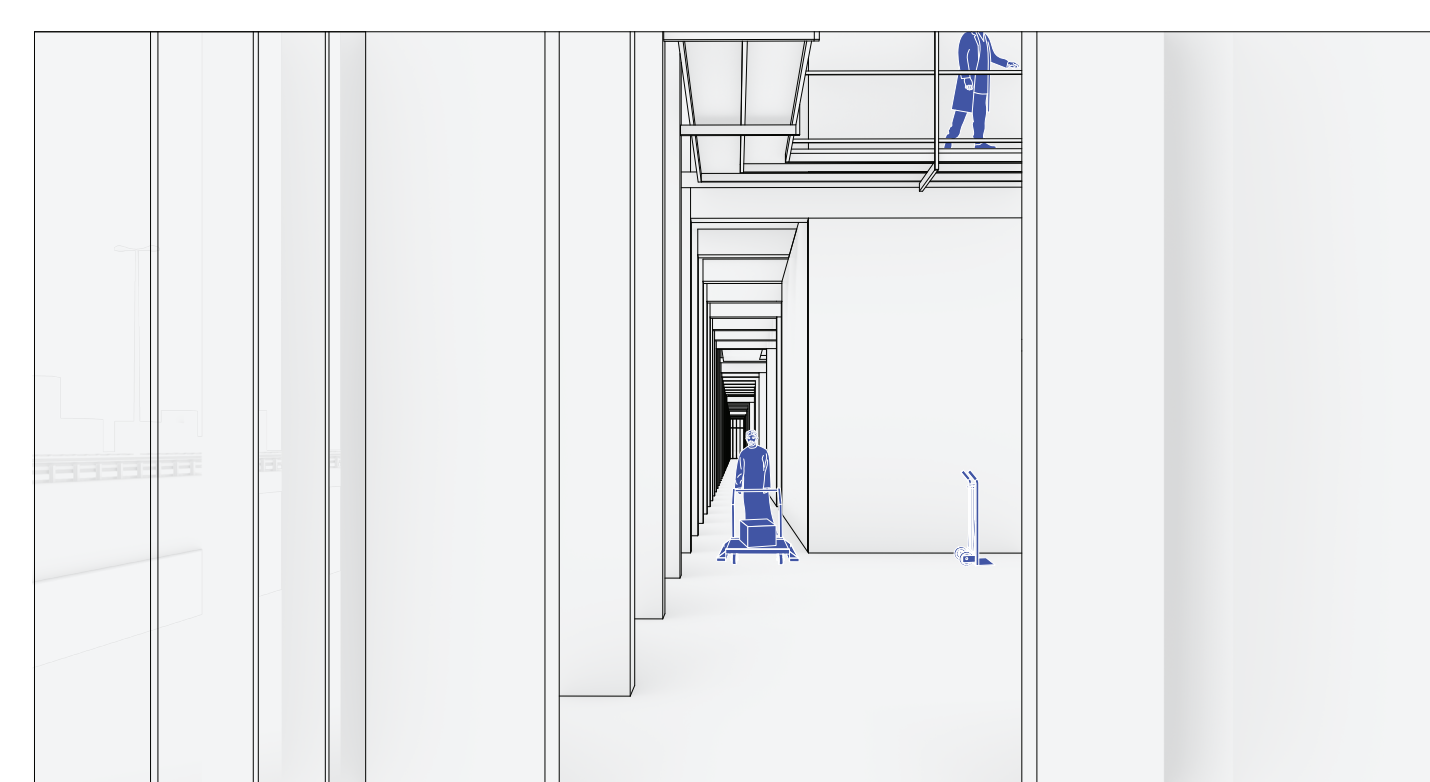
The ringroad divides the marginal settlements from the inner-city. It is a physical border that is hard to cross. The 5-meter tall pedestrian bridges and a width of a 100 meters make this road unpopular.



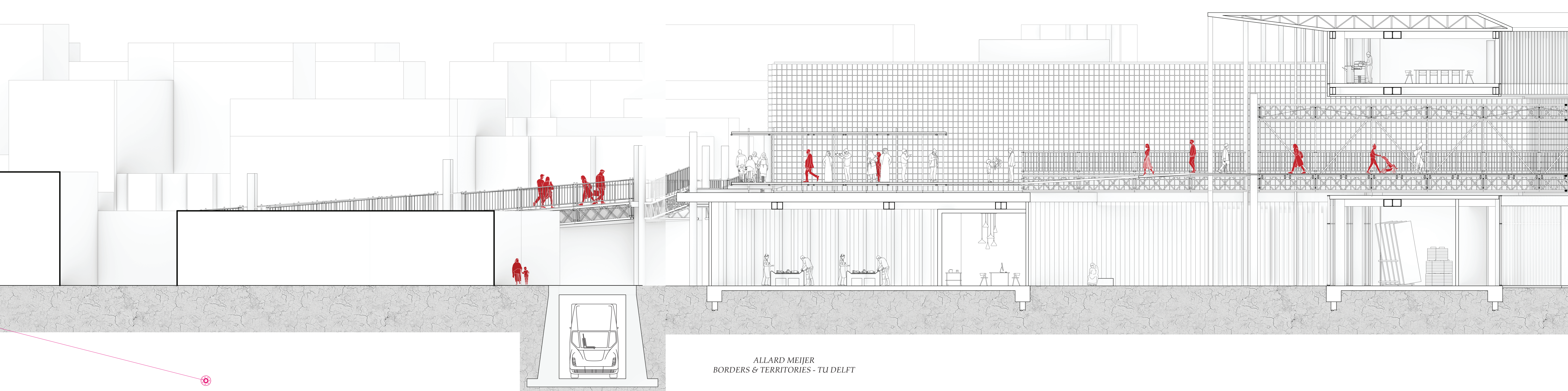
Arrival truck



Dirty waste storage

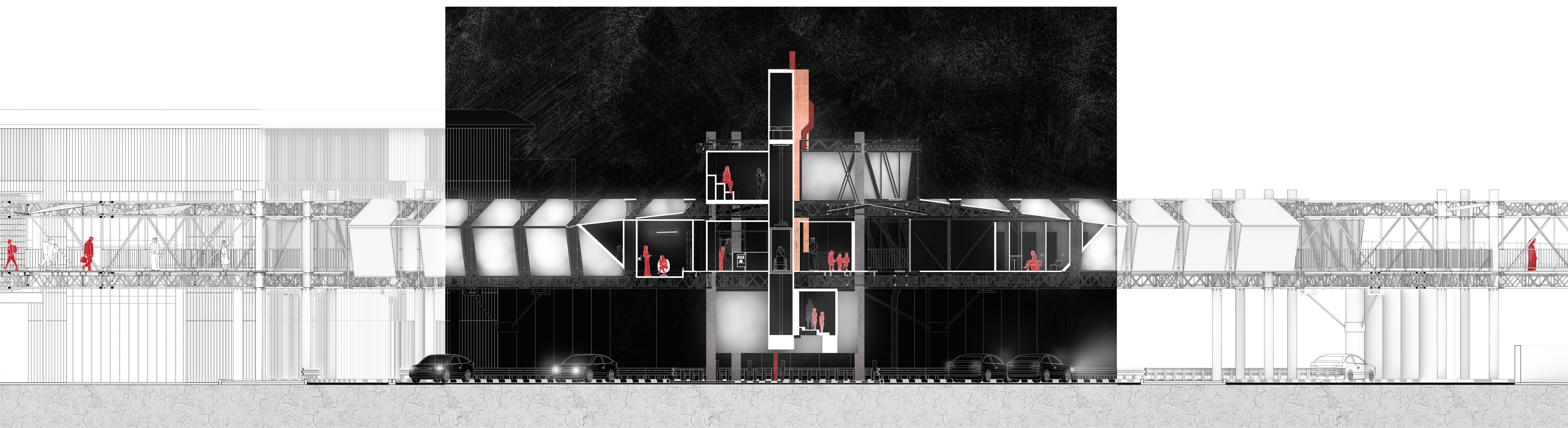
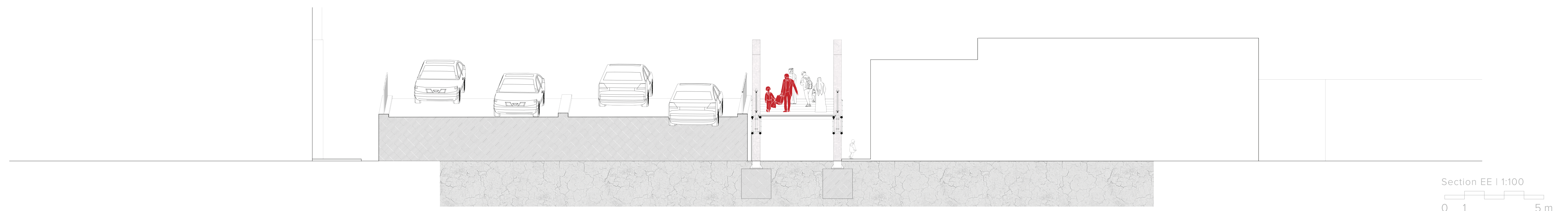
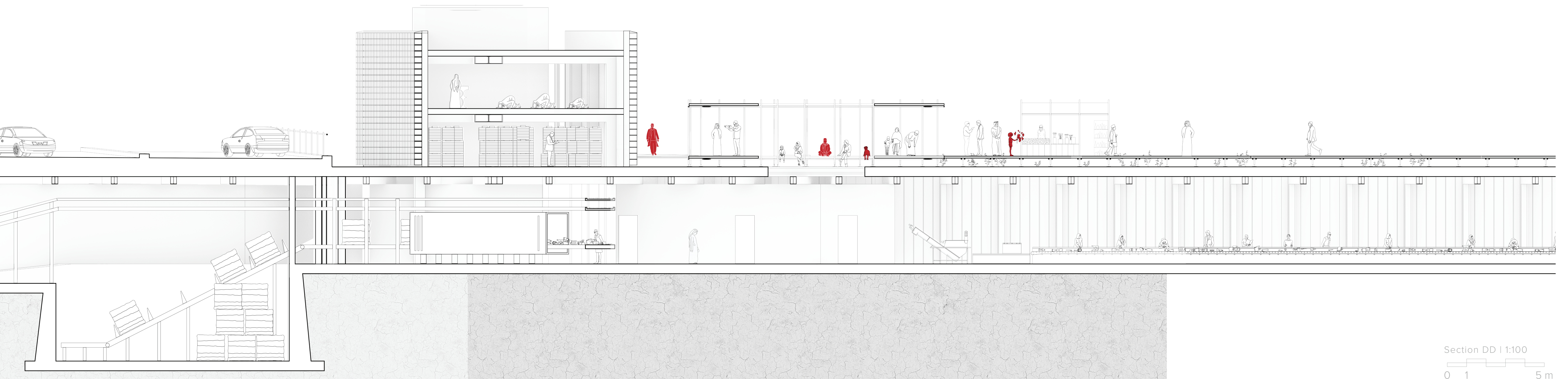
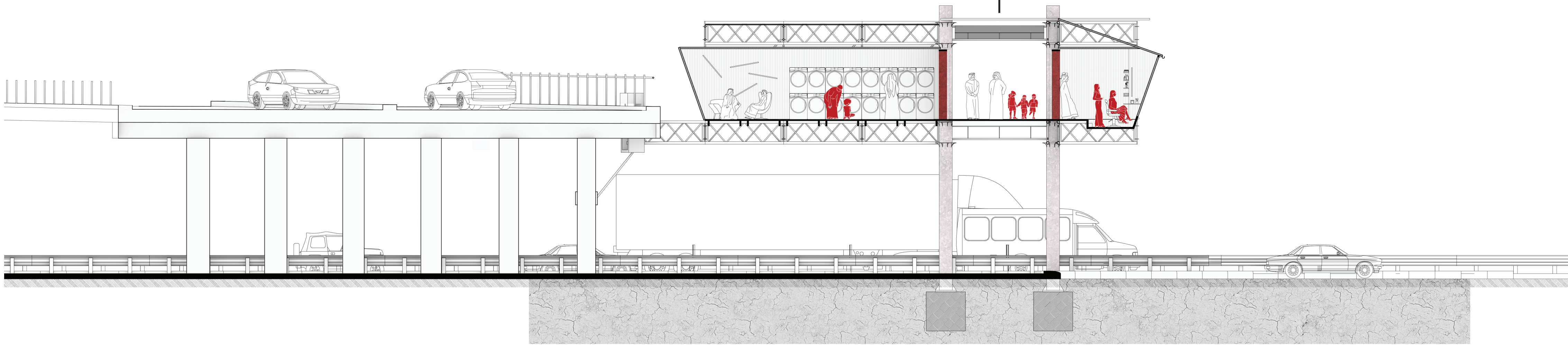
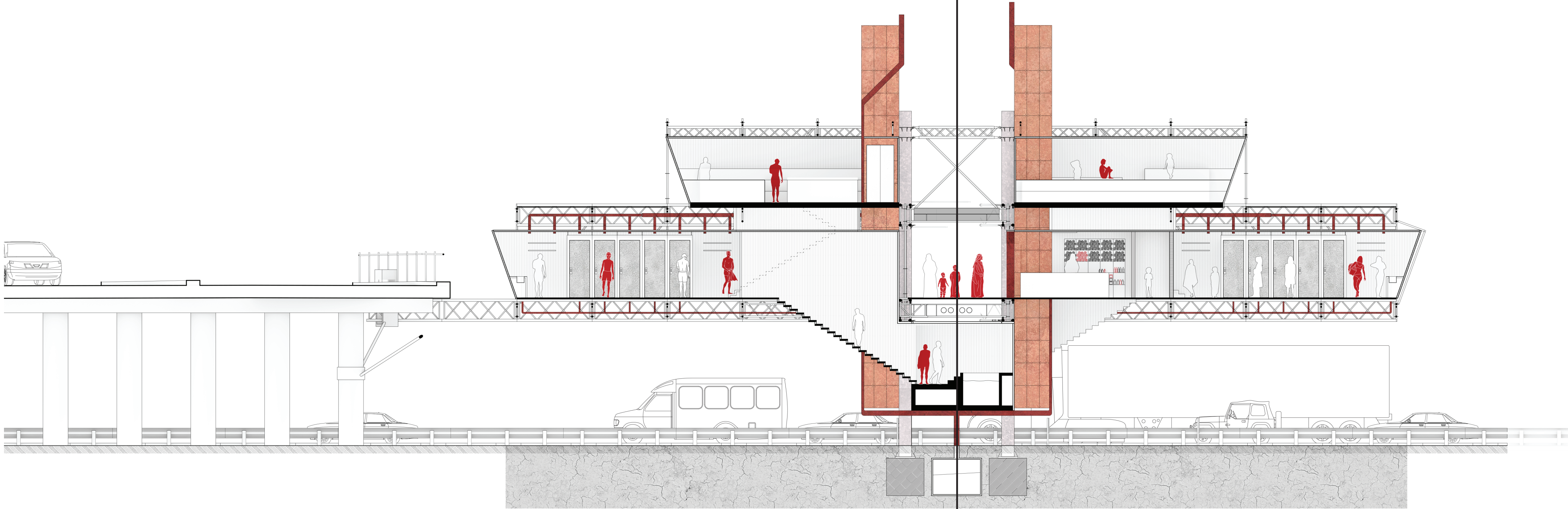
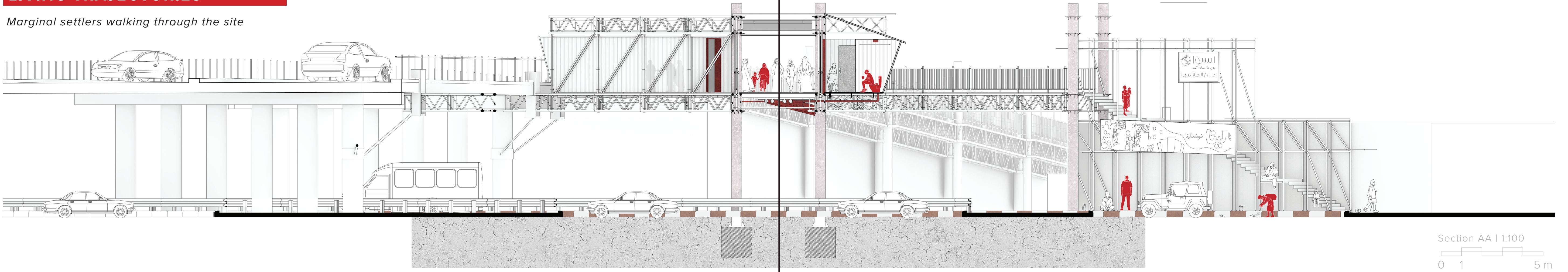


Manufacturing corridor



LIVING TRAJECTORIES

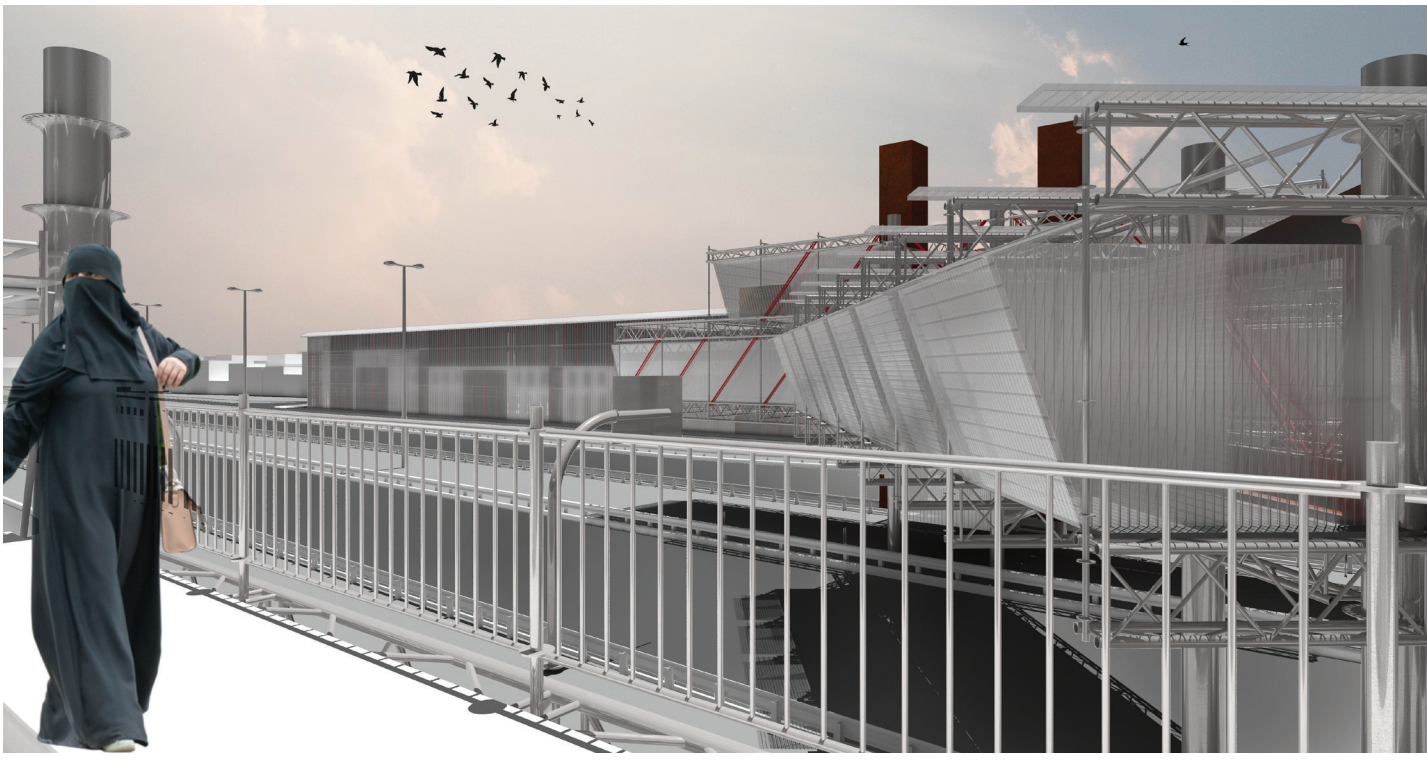
Marginal settlers walking through the site



OBSERVING TRAJECTORIES

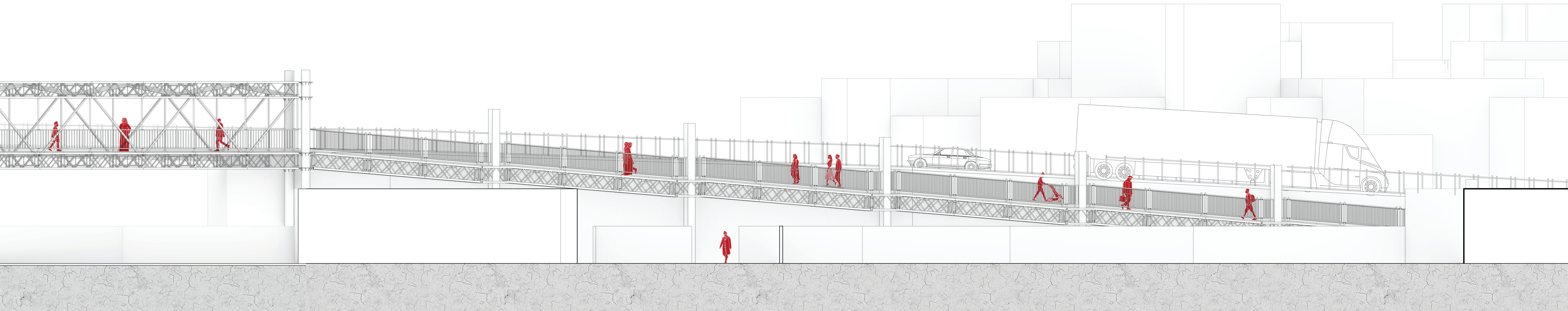
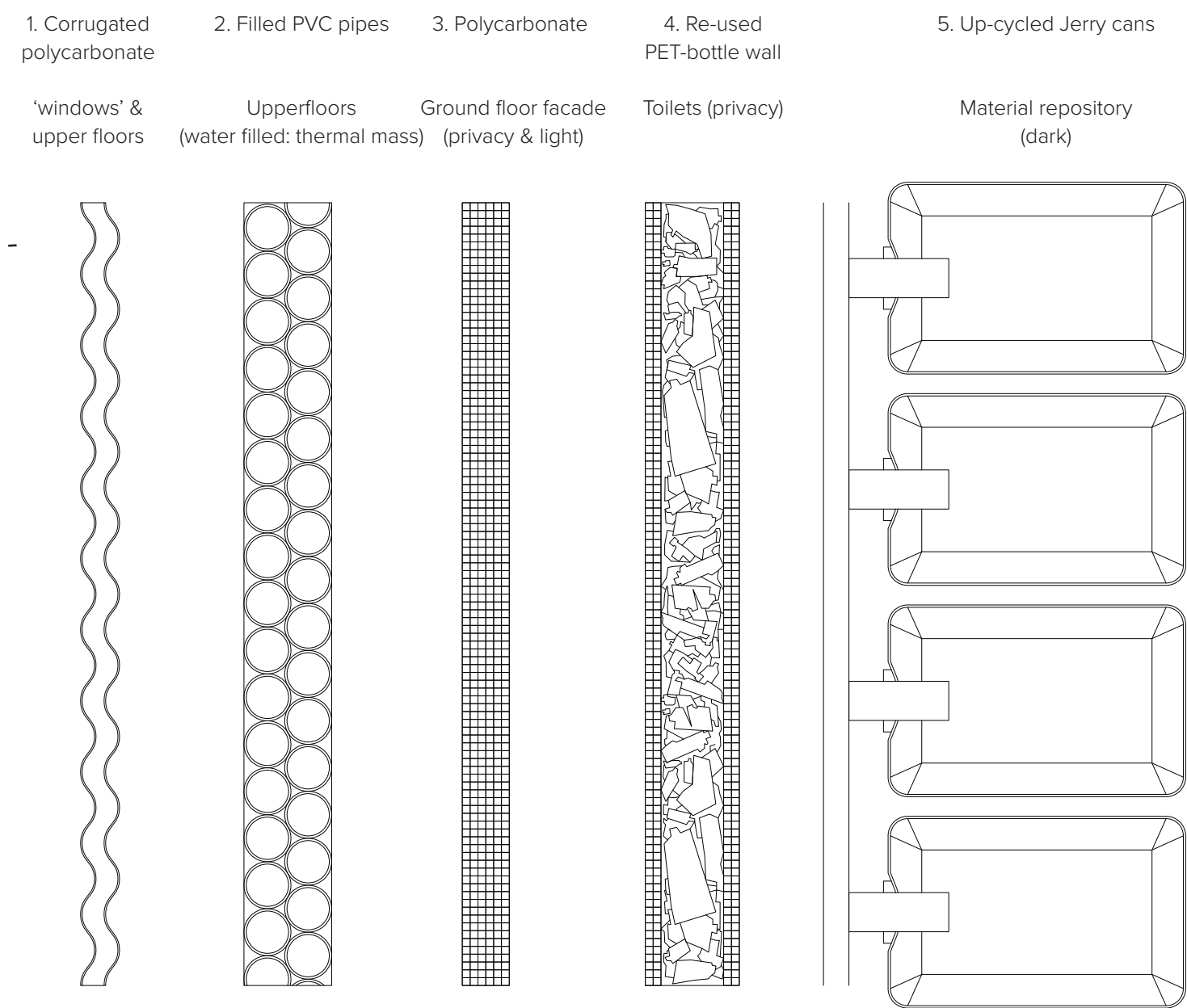
Trajectories of the car

Level 2, +6.1m | 1:200
0 2 10 m



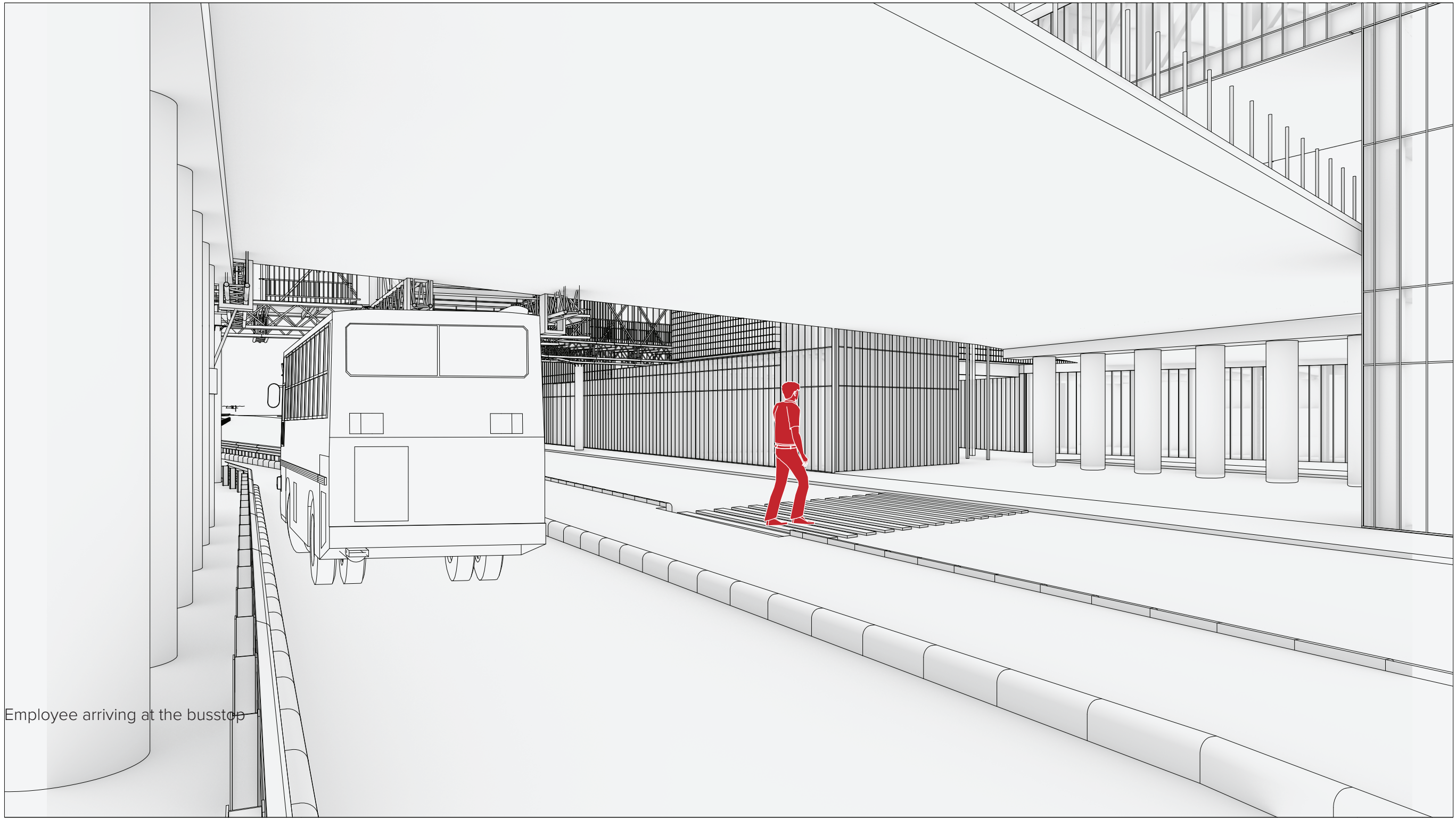
Plastic manufacturing workshop

Material repository

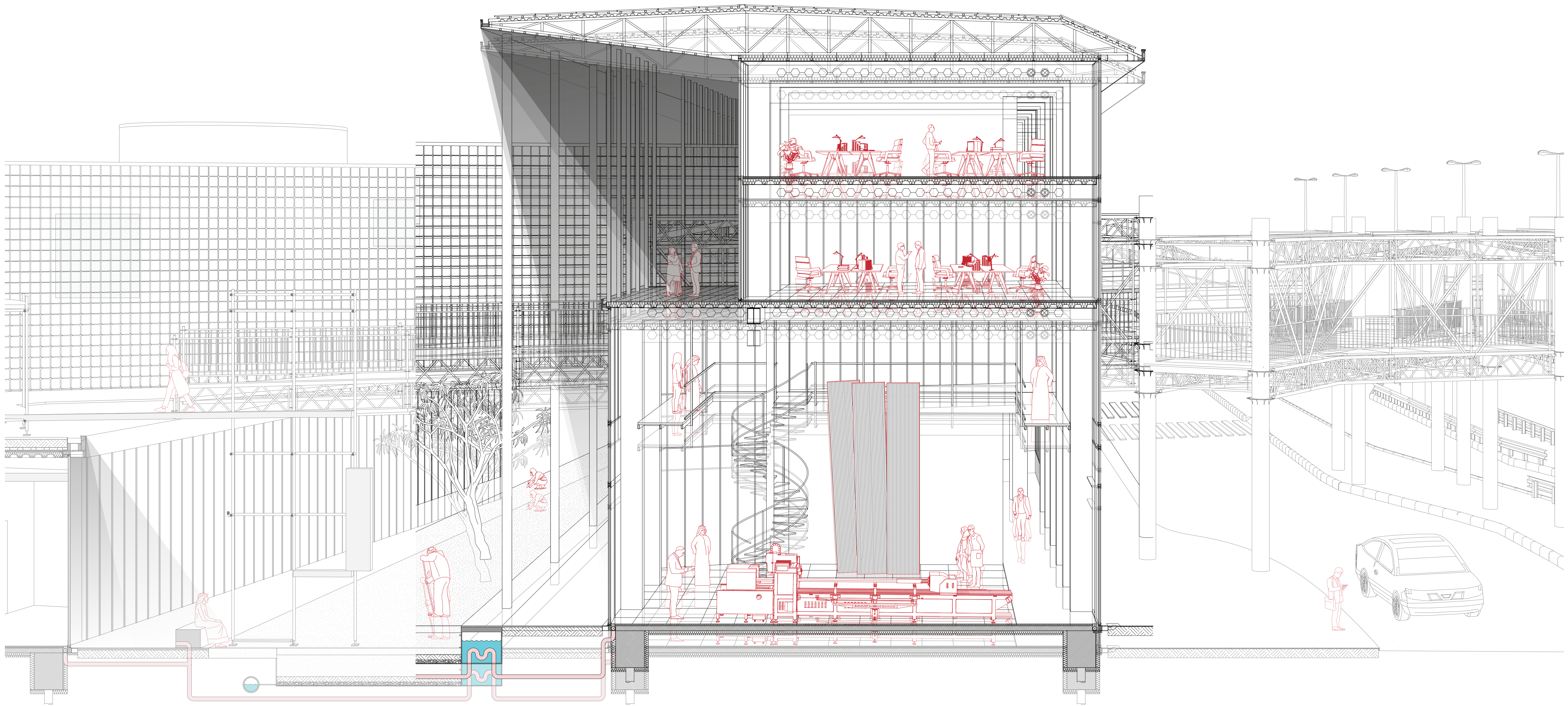


ACCOMODATING TRAJECTORIES

The employee of the recycling factory



Employee arriving at the busstop



Perspective section FF 1:50
0 0,5 2,5 m

