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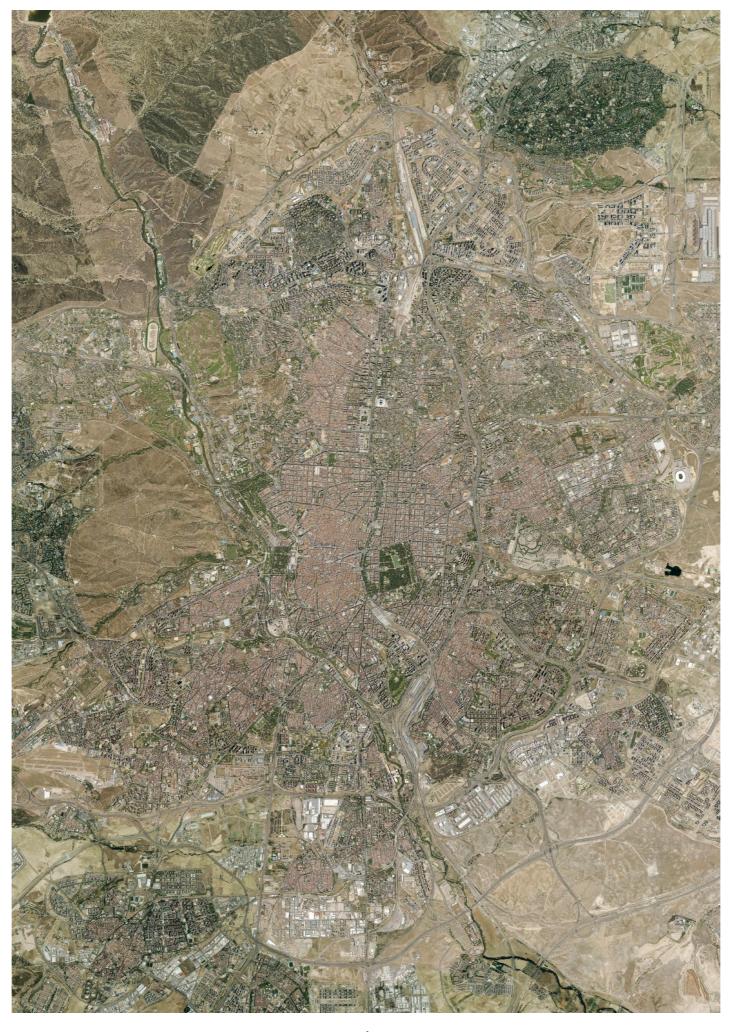
Analysis An investigation of Méndez Álvaro

Strategy and Design Creating an open public transport hub

Introduction

1 Bringing people together

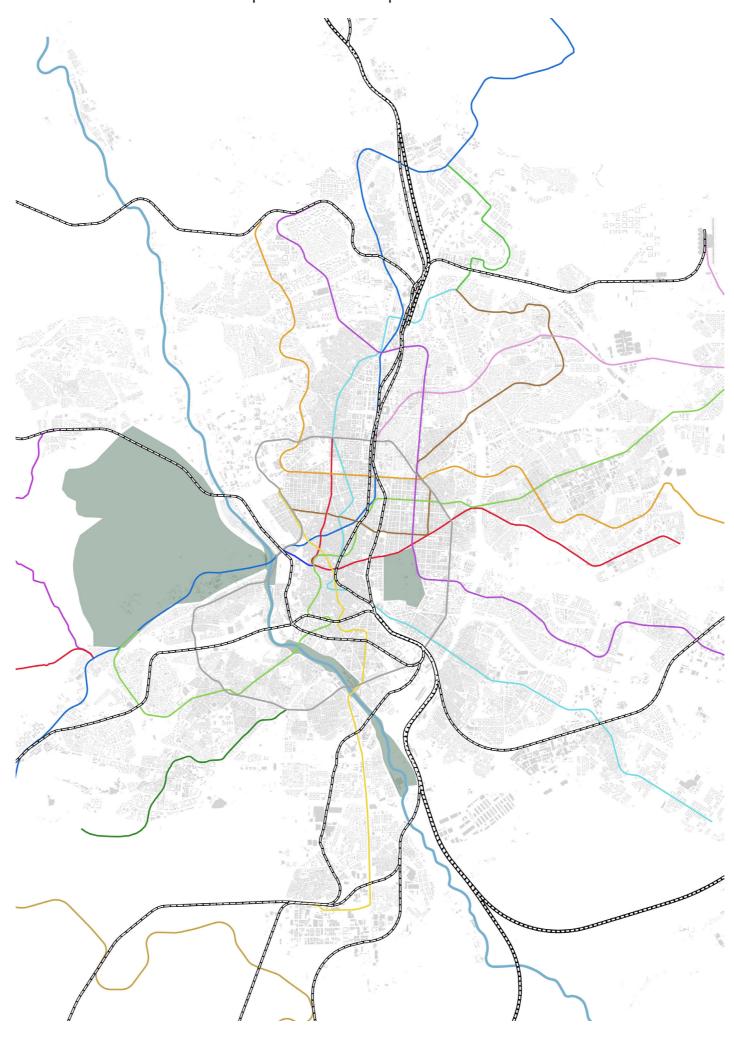
MADRID



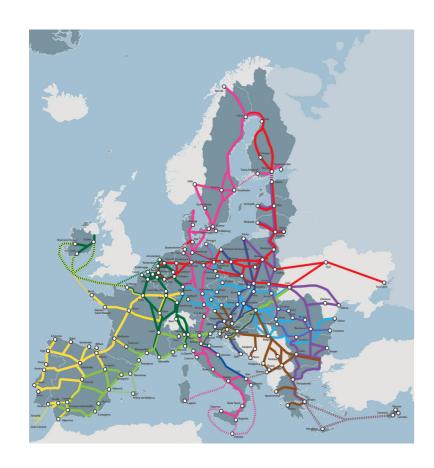
MADRID | EXPANDED CITY



MADRID | EXPANDED CITY | PUBLIC TRANSPORT



Public transportation connects throughout different scales



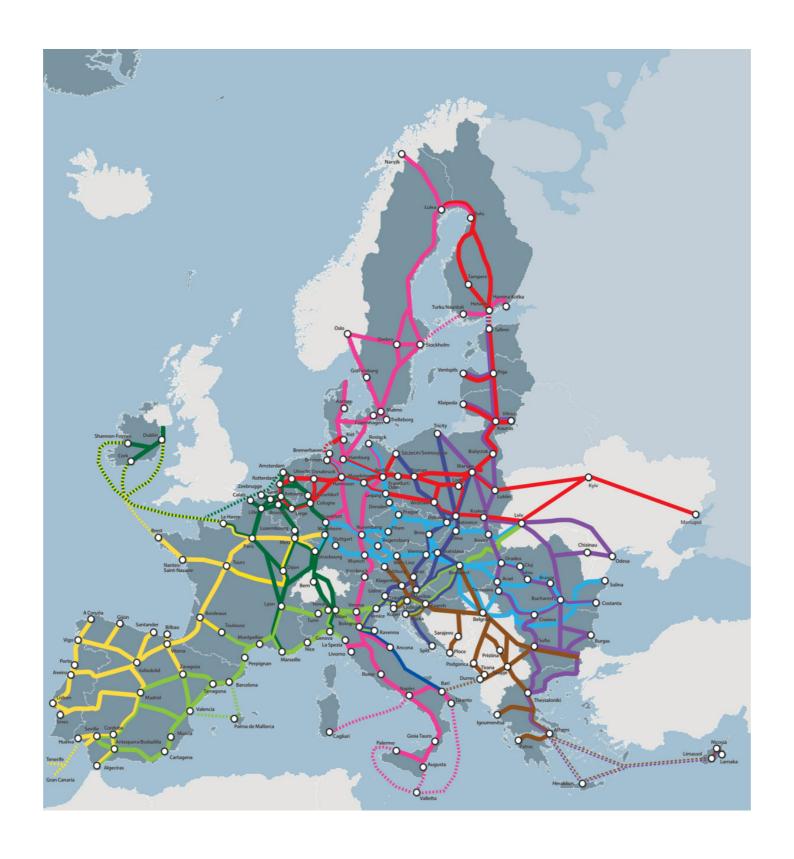
TEN-T, Trans European Transport Network

From the integration of Europe to boarding a metro



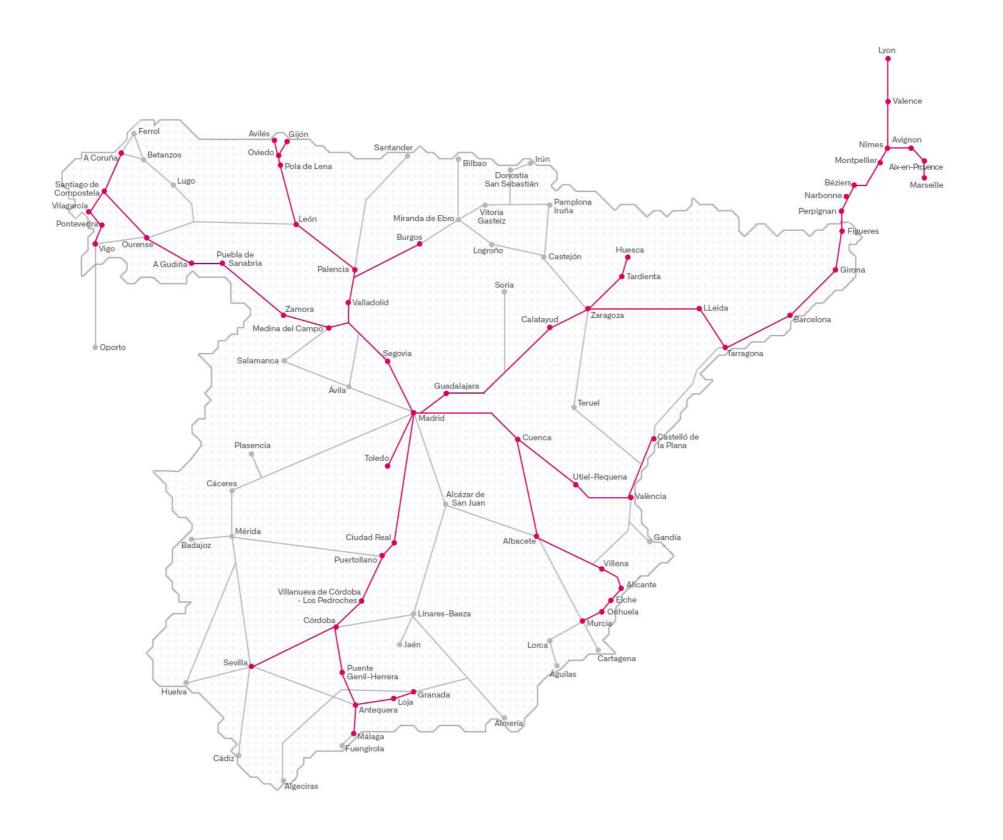
Méndez Álvaro public transport hub

Integrating...



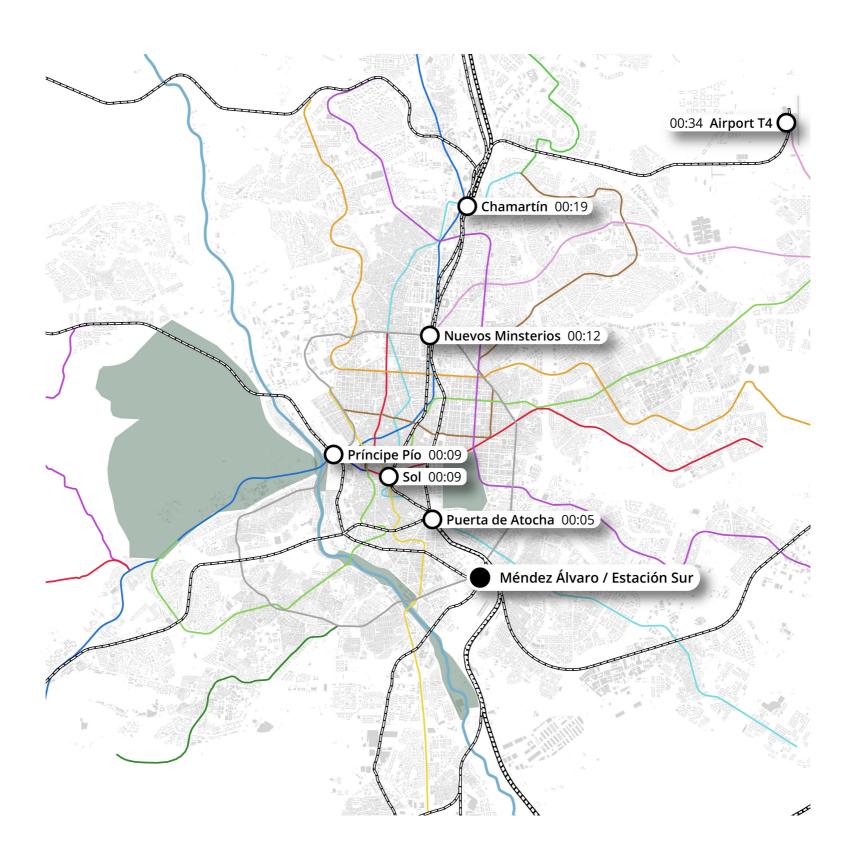
...Europe

Unifying...



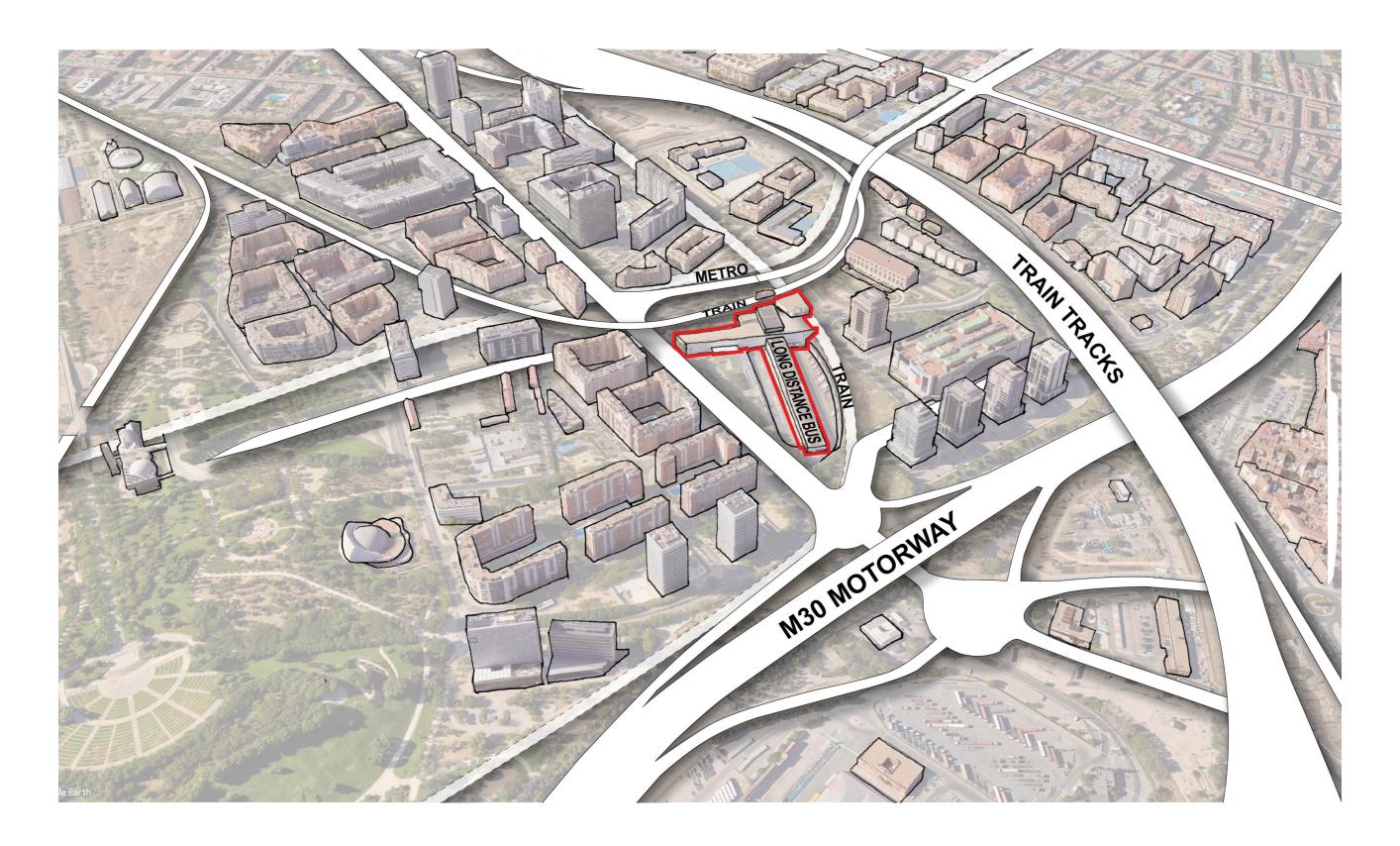
...Spain

Connecting...



...Madrid

Seperating...



...Districts

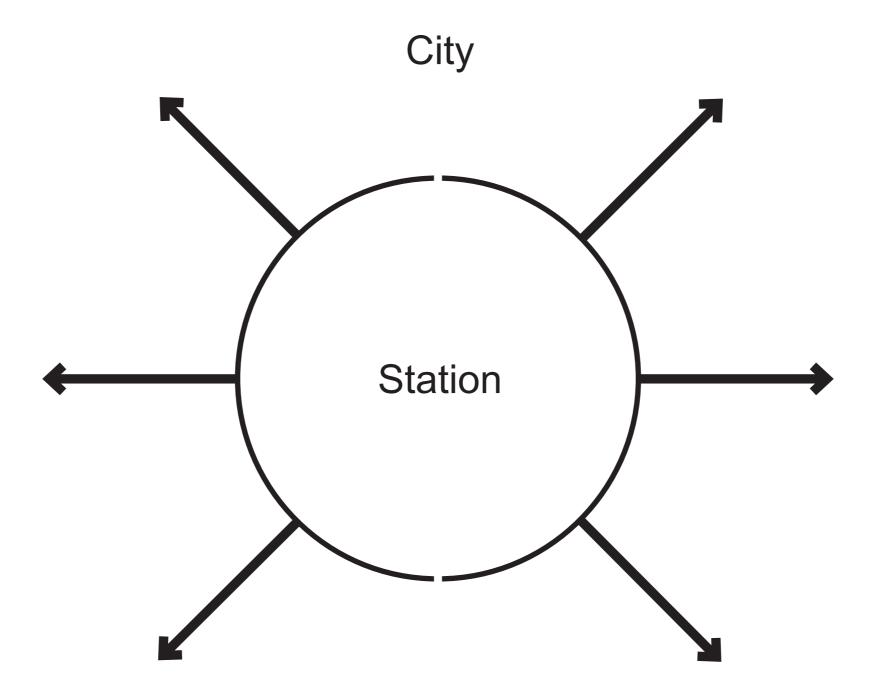
Dividing...



...People

Problem statement

Growing importance of **public transport hubs** in our mobility patterns elevates their role as **public spaces**. Furthermore, city dynamics, changing use of stations and the gradual built up of mobility infrastructures has created transport hubs that are **poorly navigable** and surrounded by **boundaries**. This seperates the station from the city around it, preventing public transport hubs from becoming **open and accessible public spaces**.



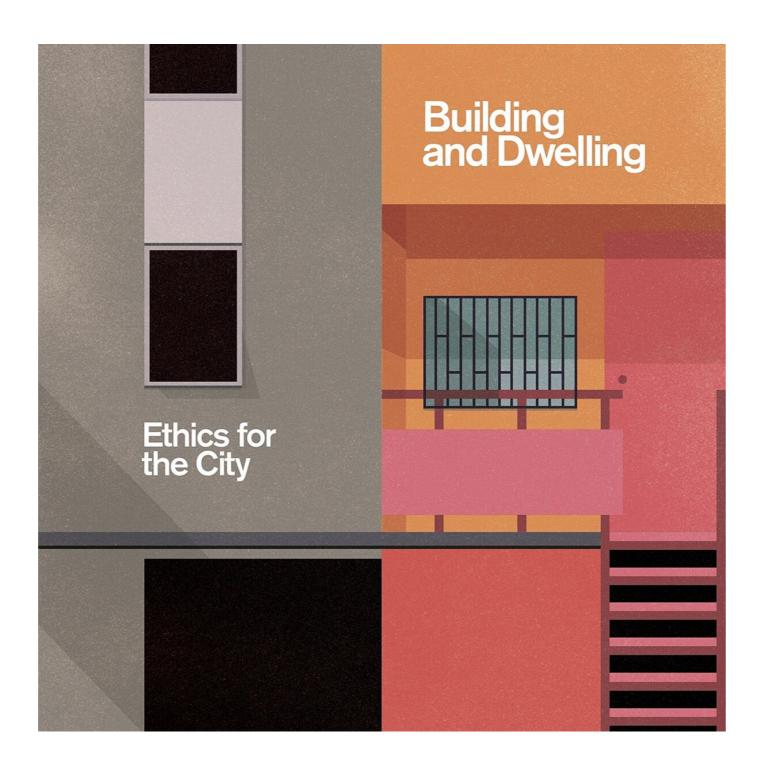
Research question

How can public transport hubs mitigate boundaries created by mobility infrastructure and become open public spaces?

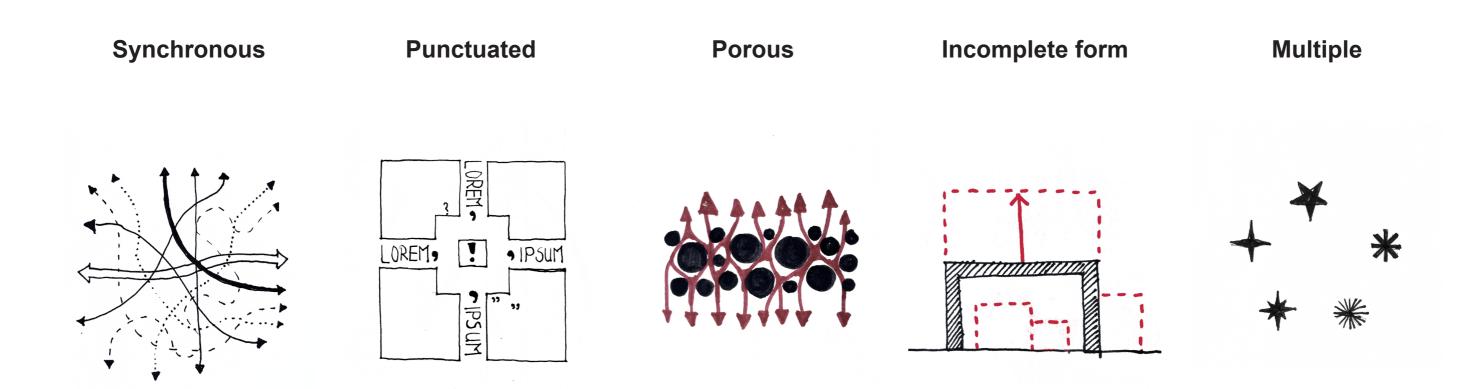
Research

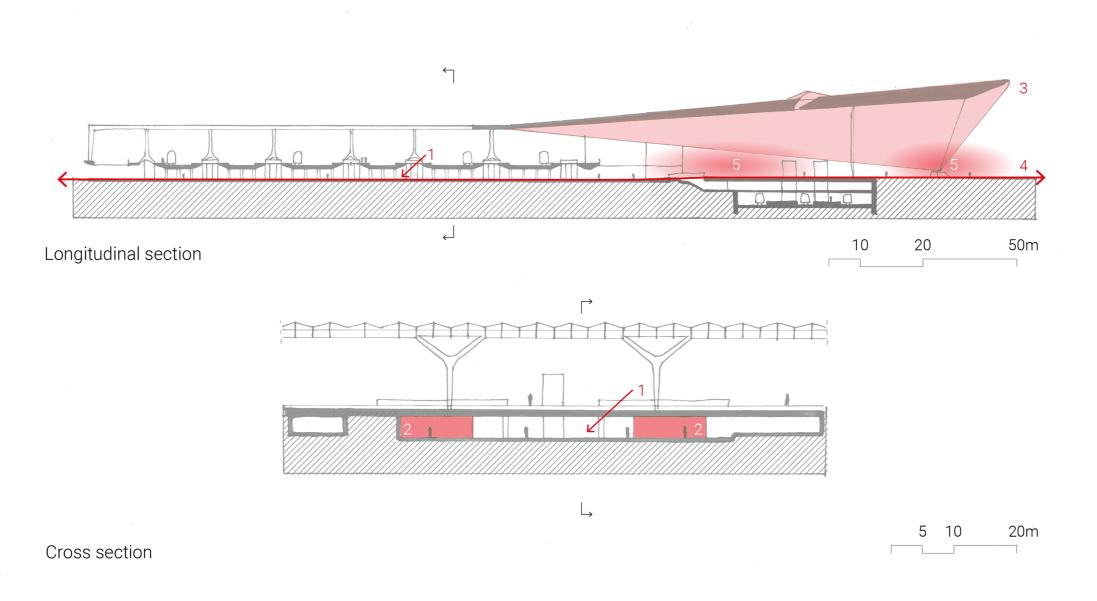
Defining an open public transport hub

The open city

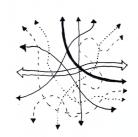


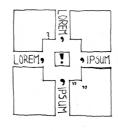
Five open forms



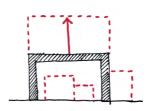


Section of Rotterdam Centraal







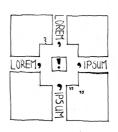




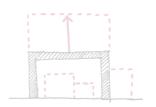


South entrance of Rotterdam Centraal







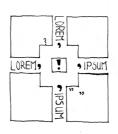




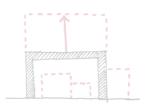


North entrance of Rotterdam Centraal

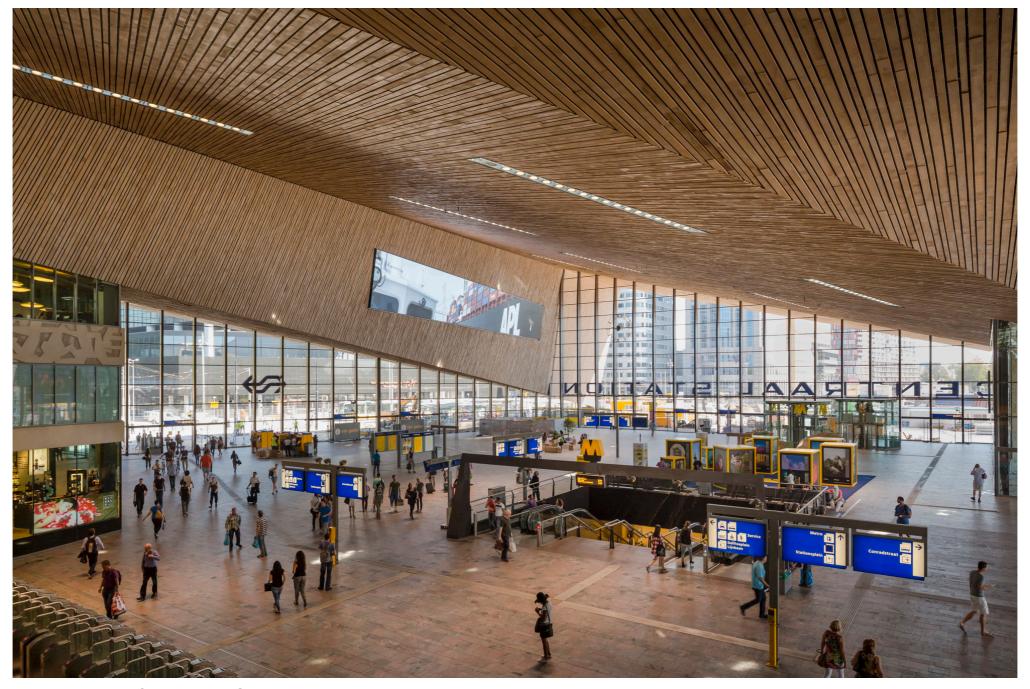




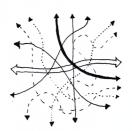


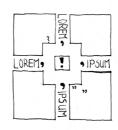




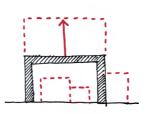


Main vestibule of Rotterdam Centraal

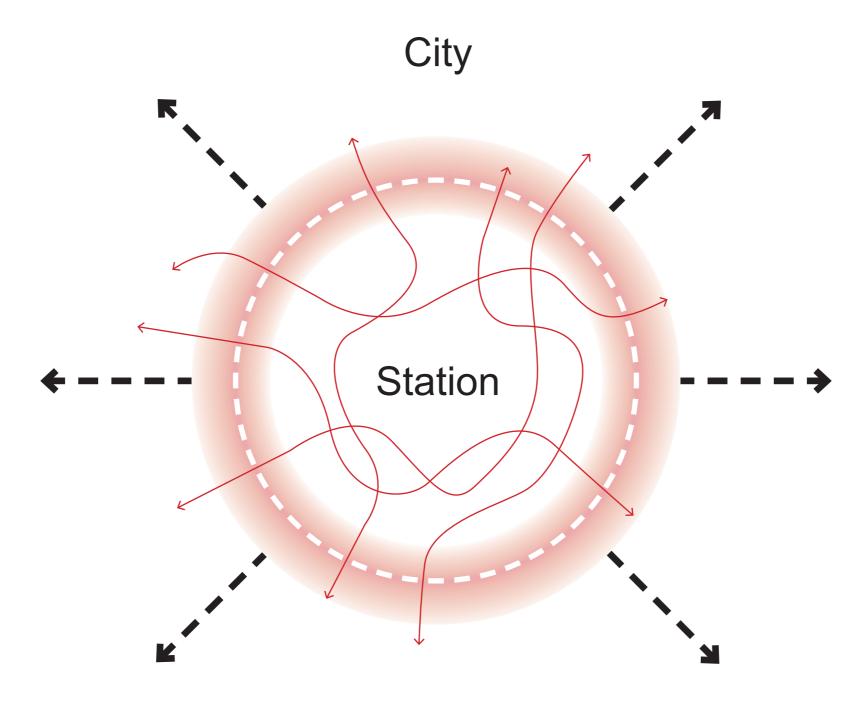






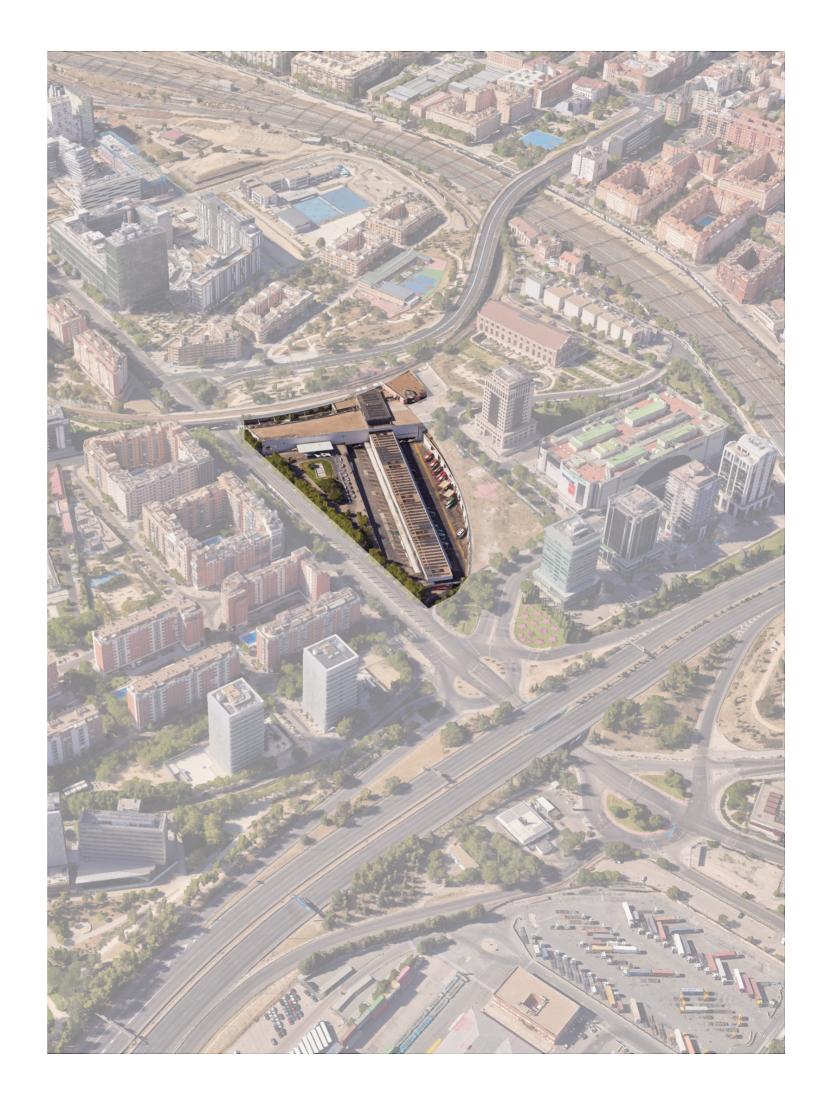






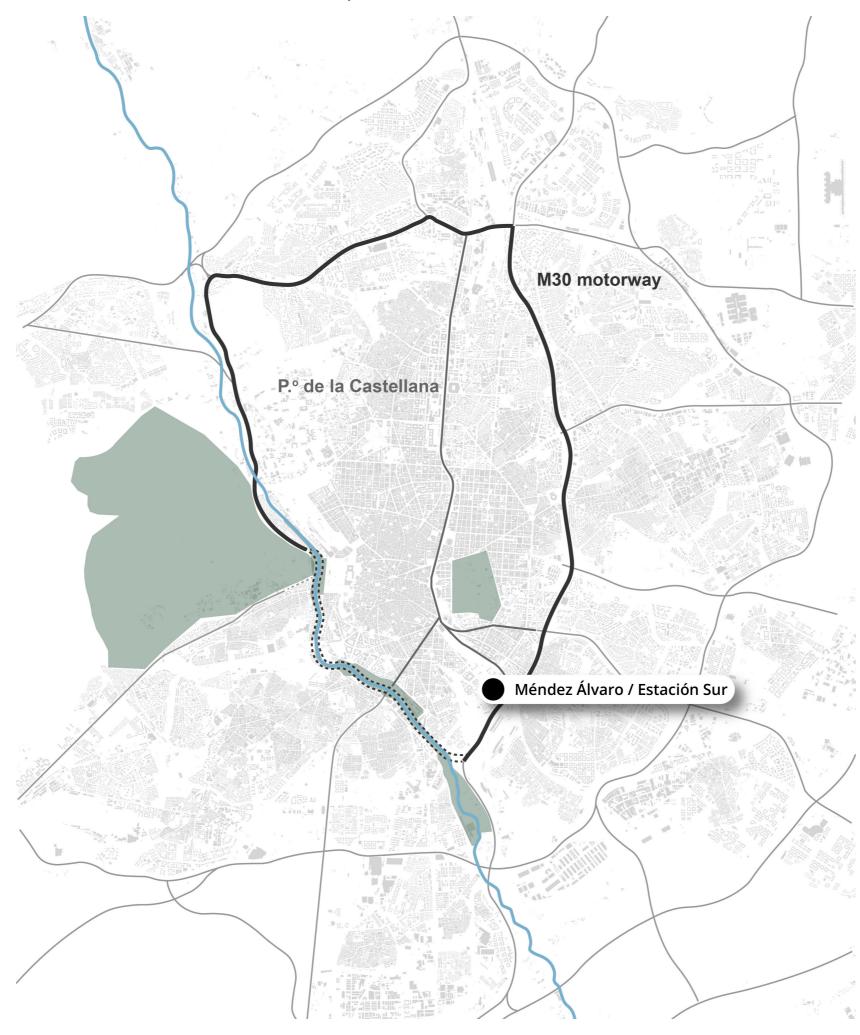
Analysis

An investigation of Méndez Álvaro

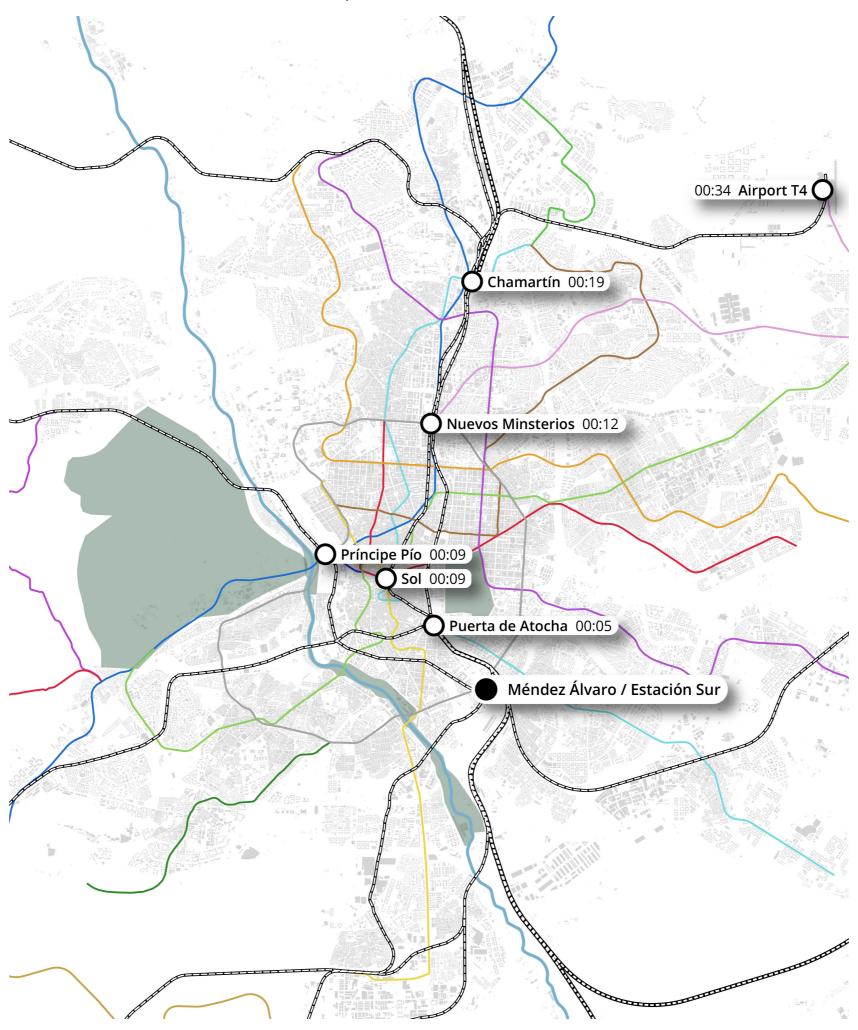




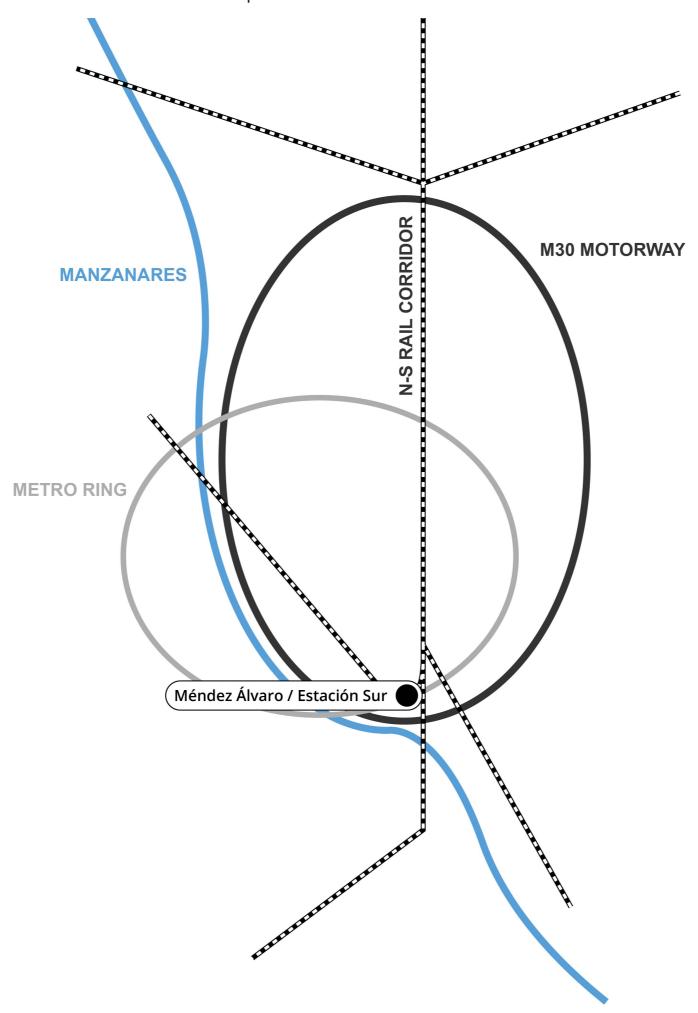
MADRID | MAIN ROAD INFRASTRUCTURE

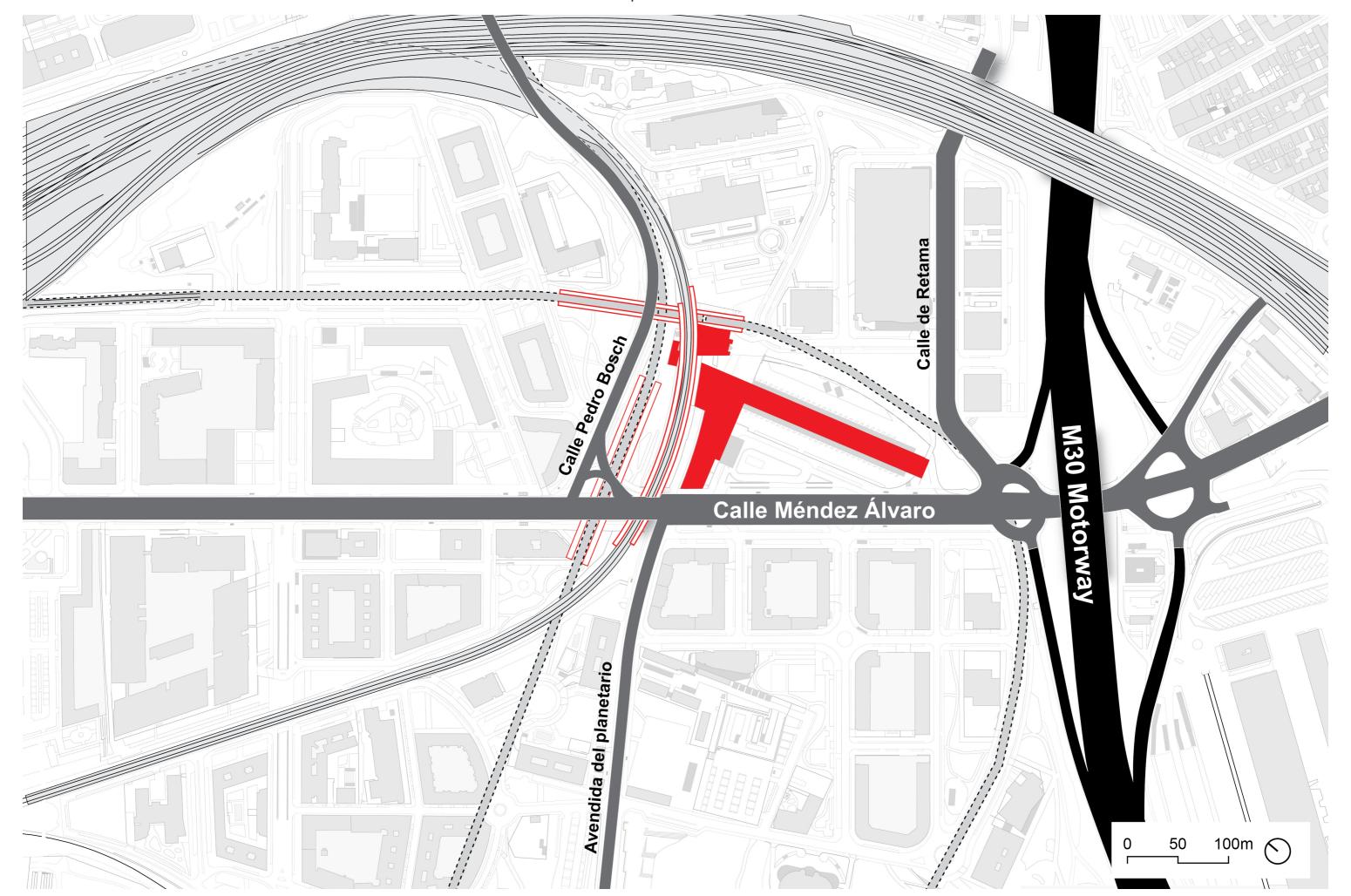


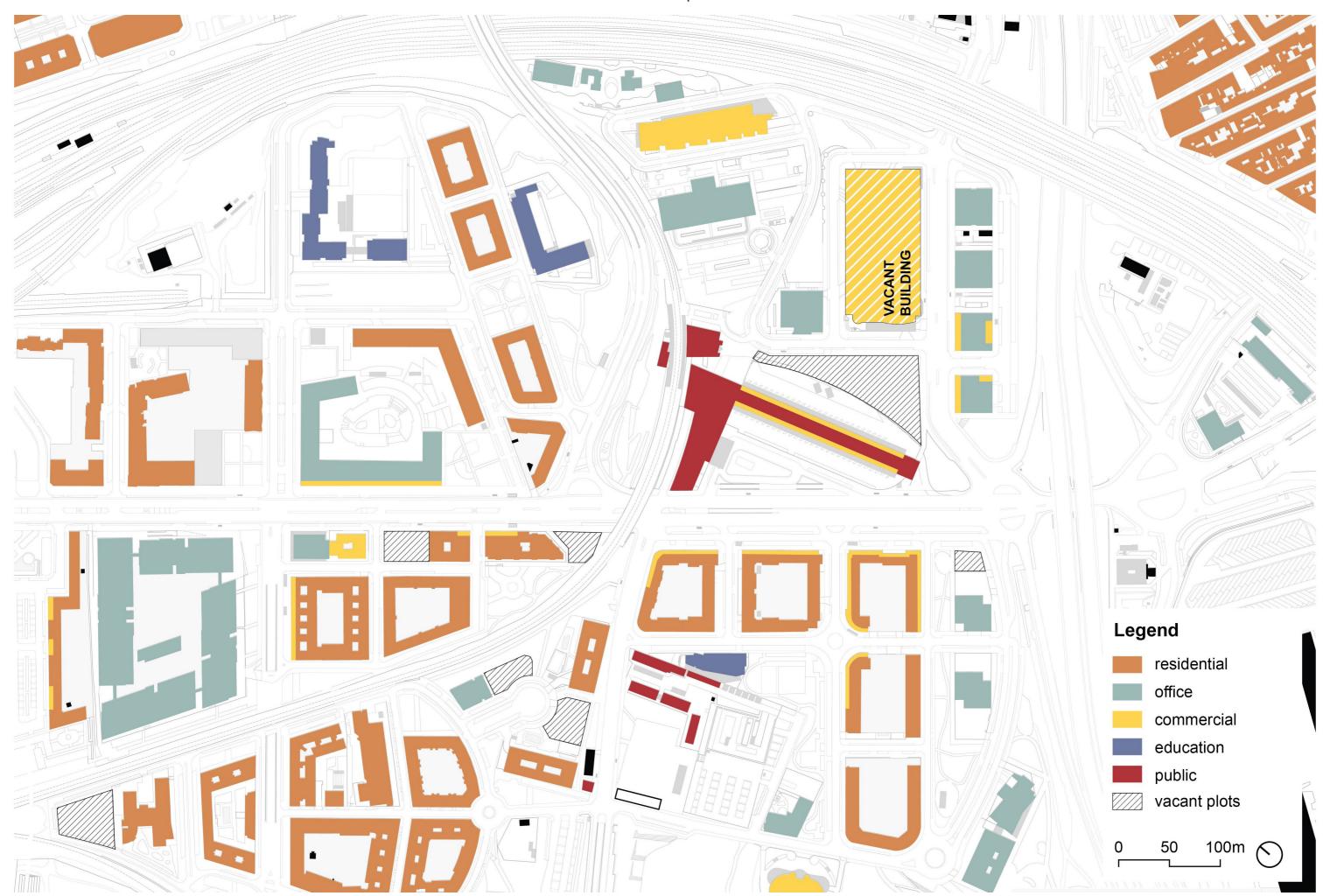
MADRID | PUBLIC TRANSPORT SYSTEM



MADRID | MAIN MOBILITY INFRASTRUCTURES



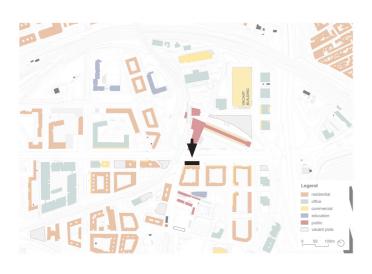


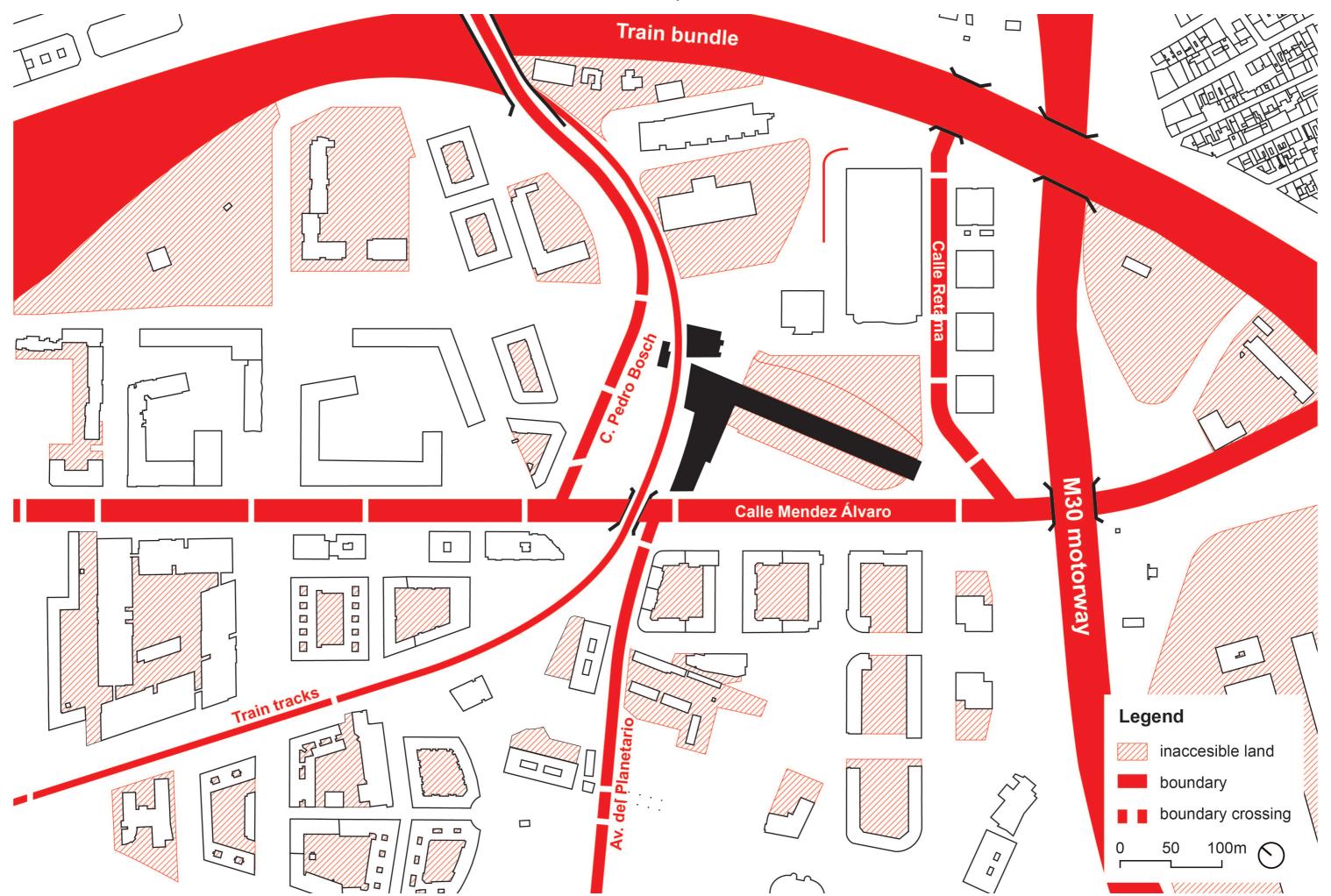


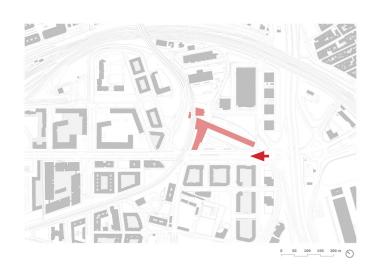














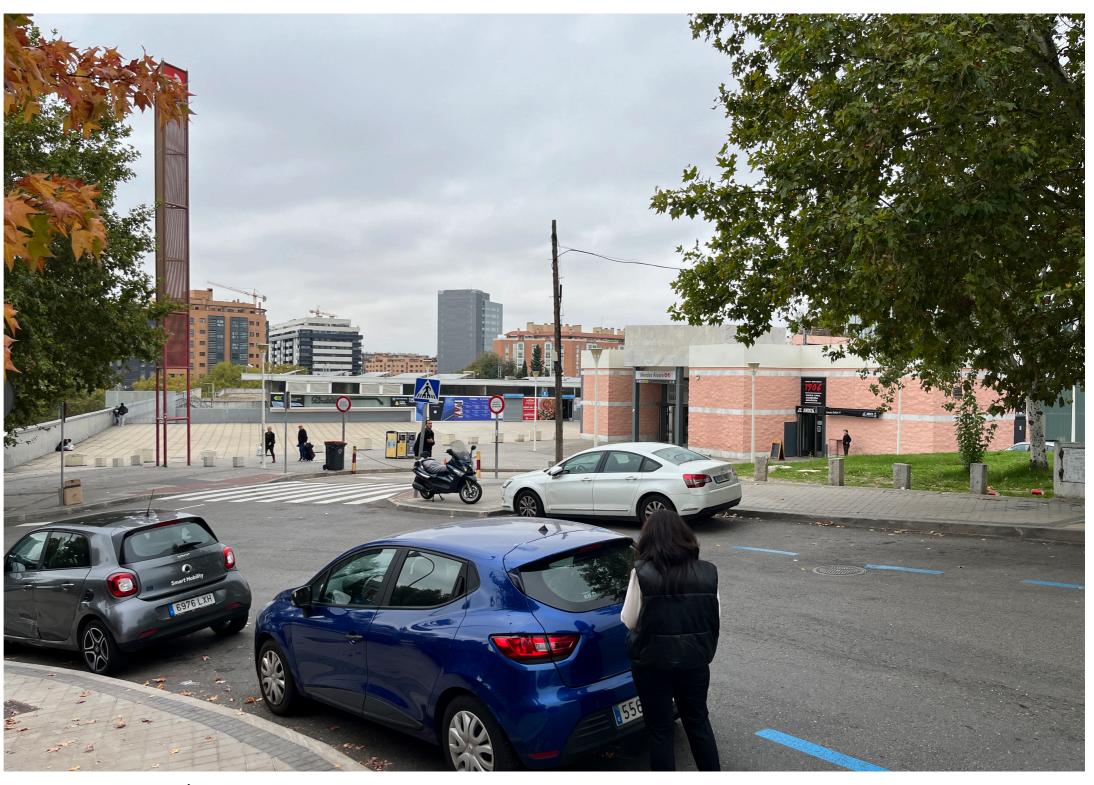
Calle Méndez Álvaro





Calle de Pedro Bosch



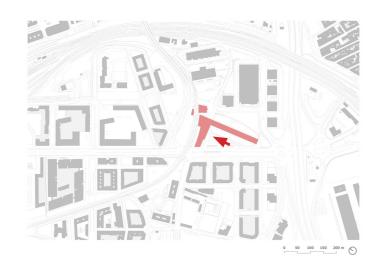


East entrance Méndez Álvaro / Estación Sur





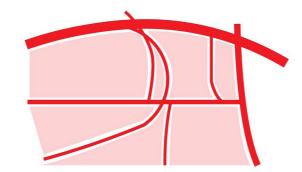
West entrance Méndez Álvaro / Estación Sur



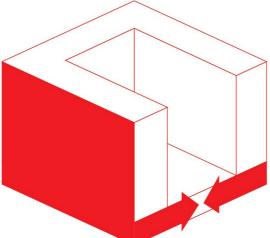


South entrance Méndez Álvaro / Estación Sur

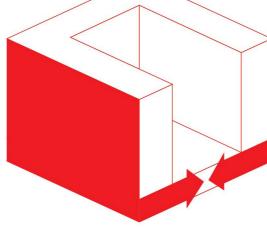
Fragmented by infrastructure



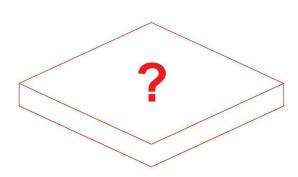
Functional segregation



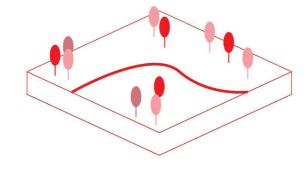
Introverted buildings



Lack of character



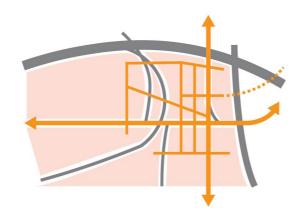
Undefined public spaces



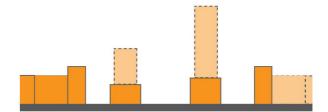
Strategy & Design

4 Creating an open public transport hub

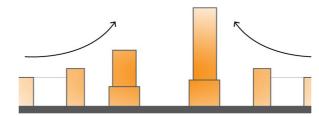
Mitigating boundaries



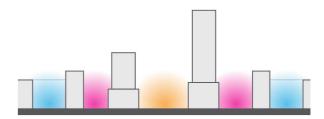
Densification



Urban mix

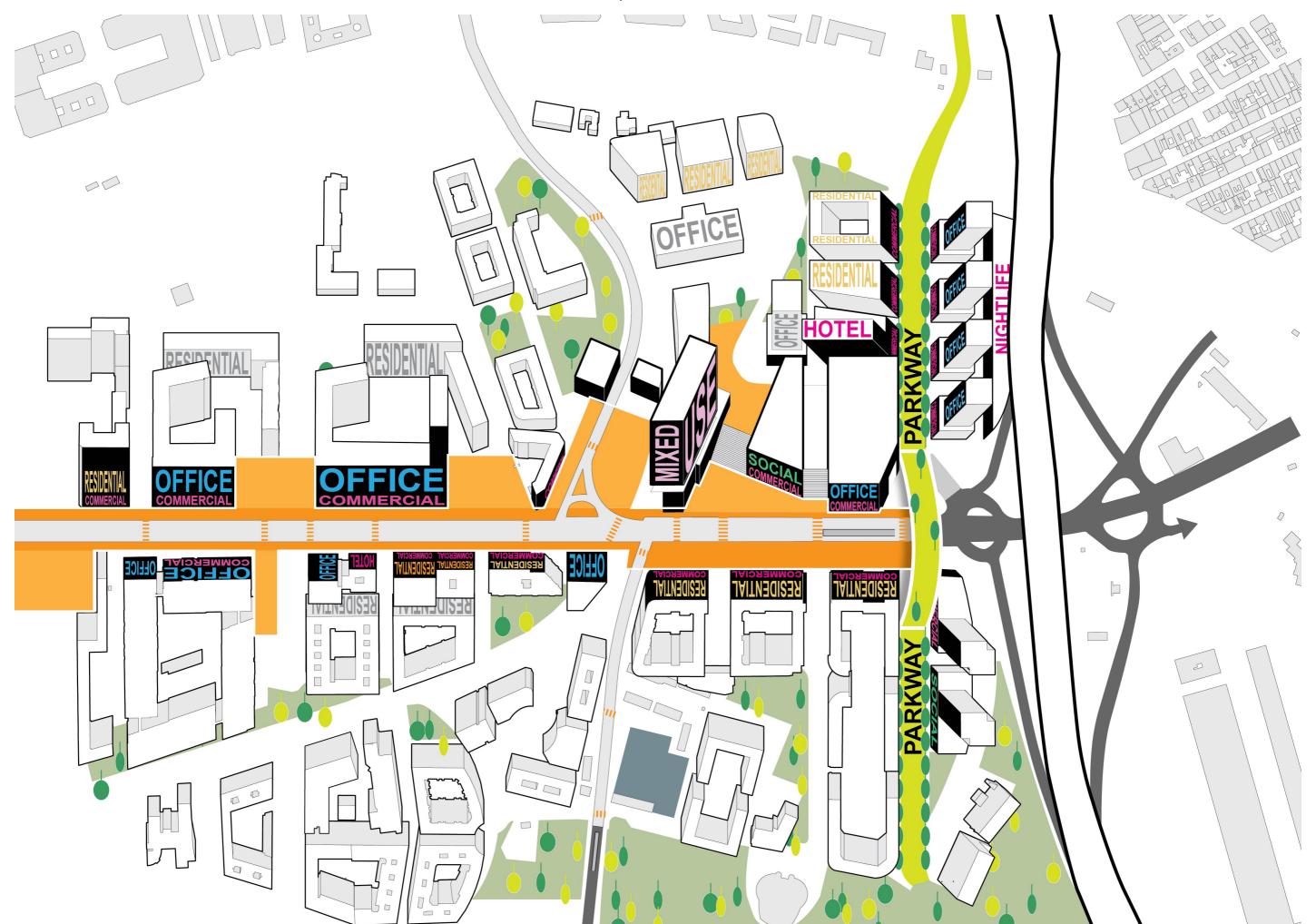


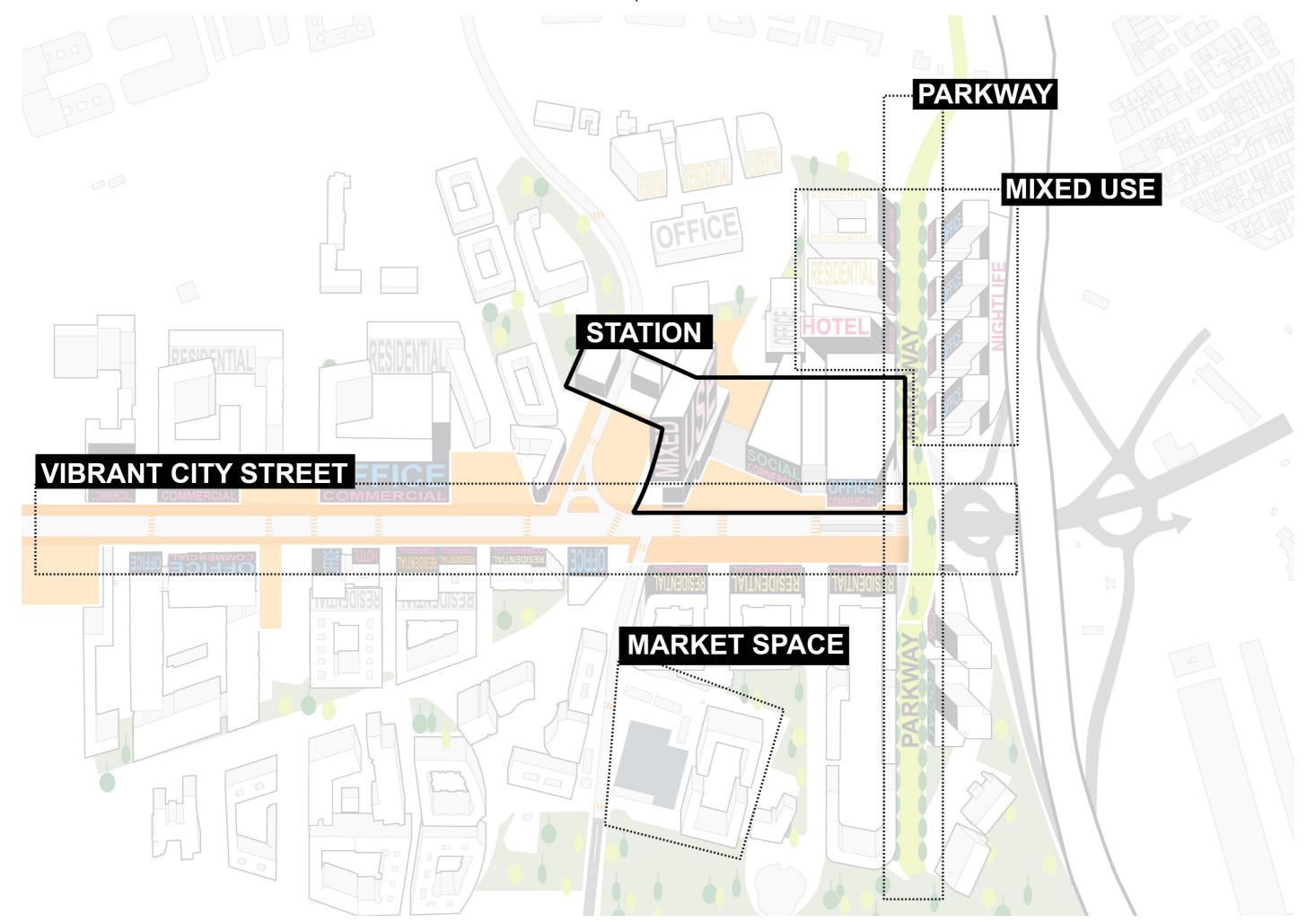
Distinctive public spaces

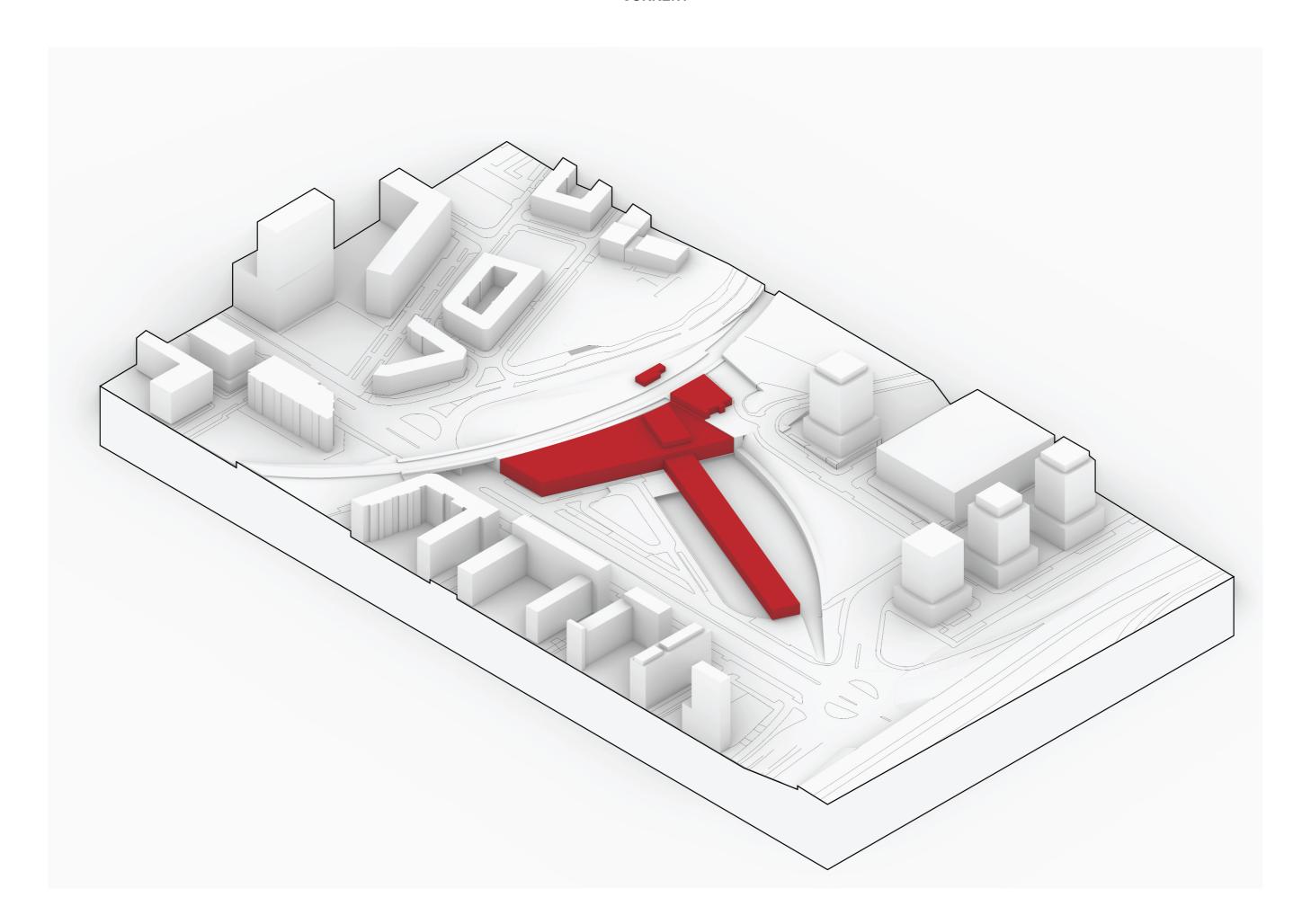


Sustainable mobility

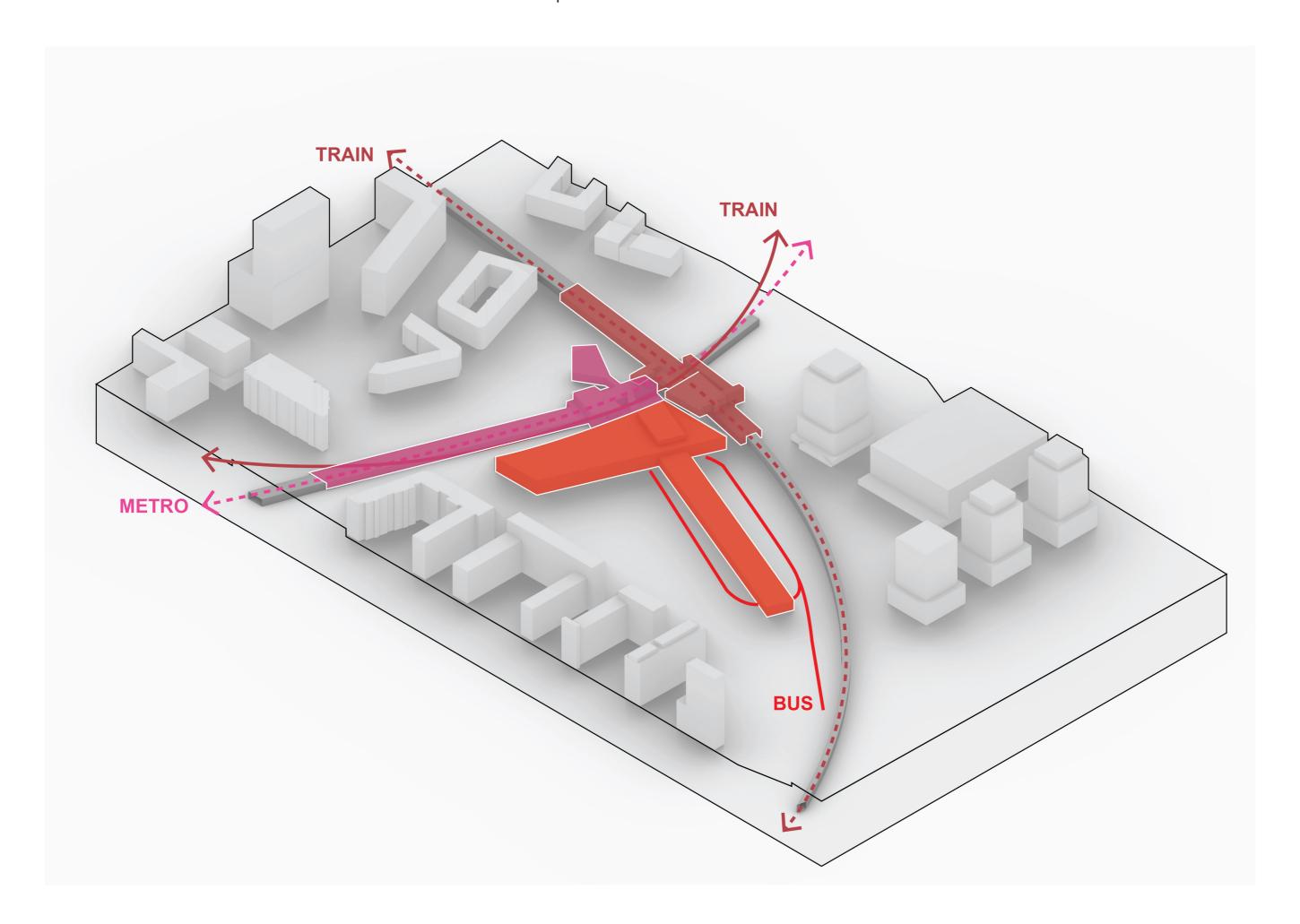


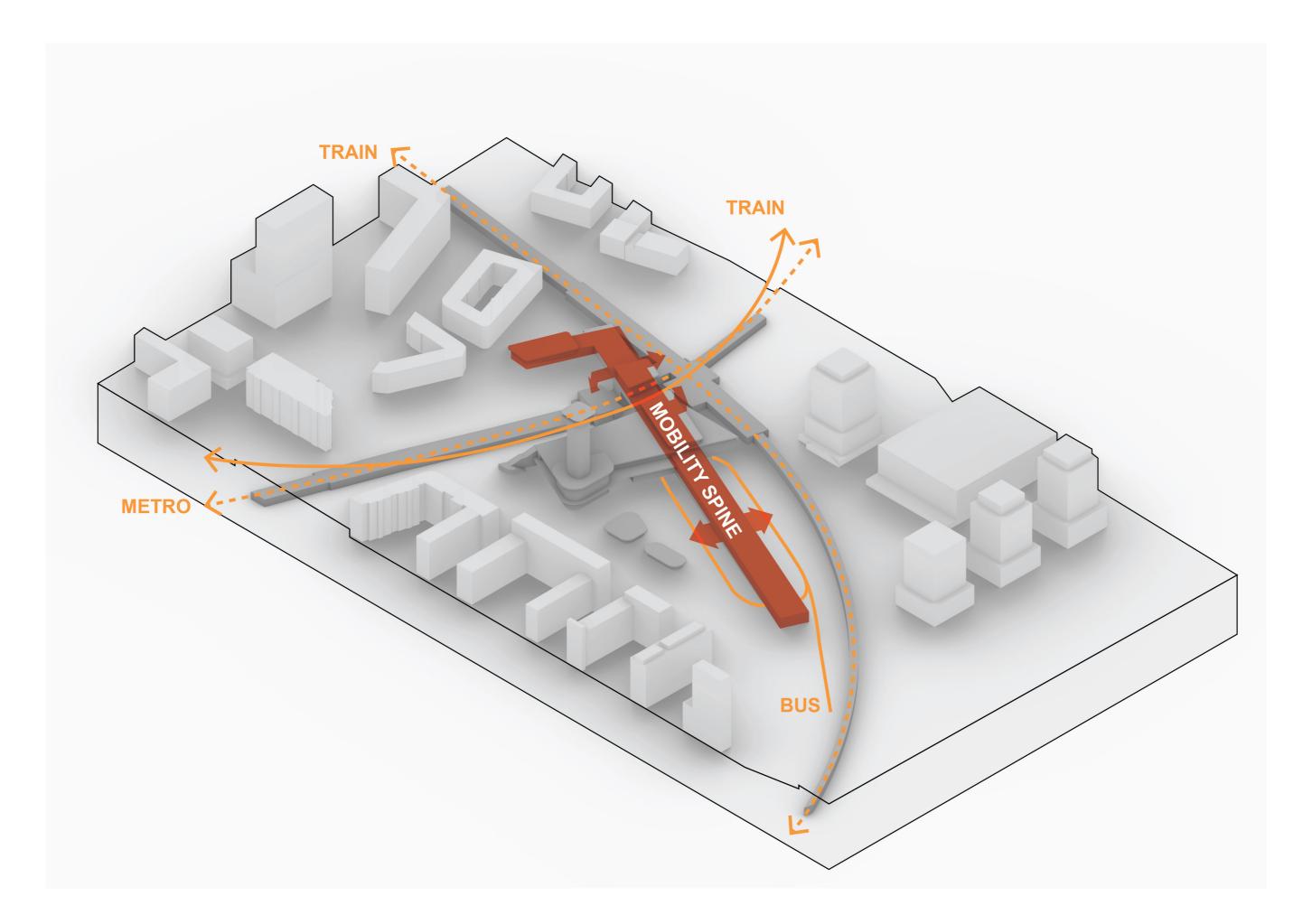


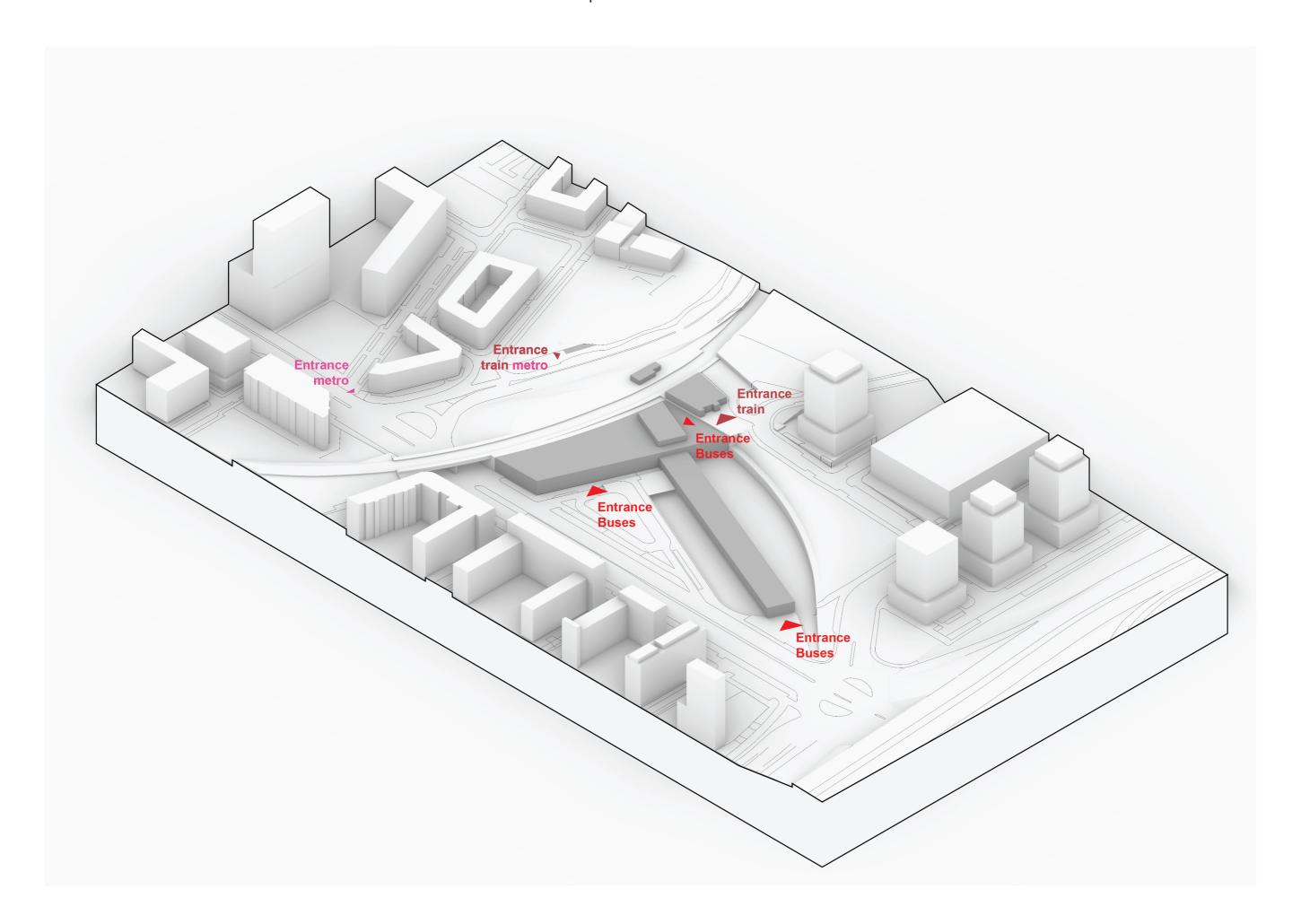


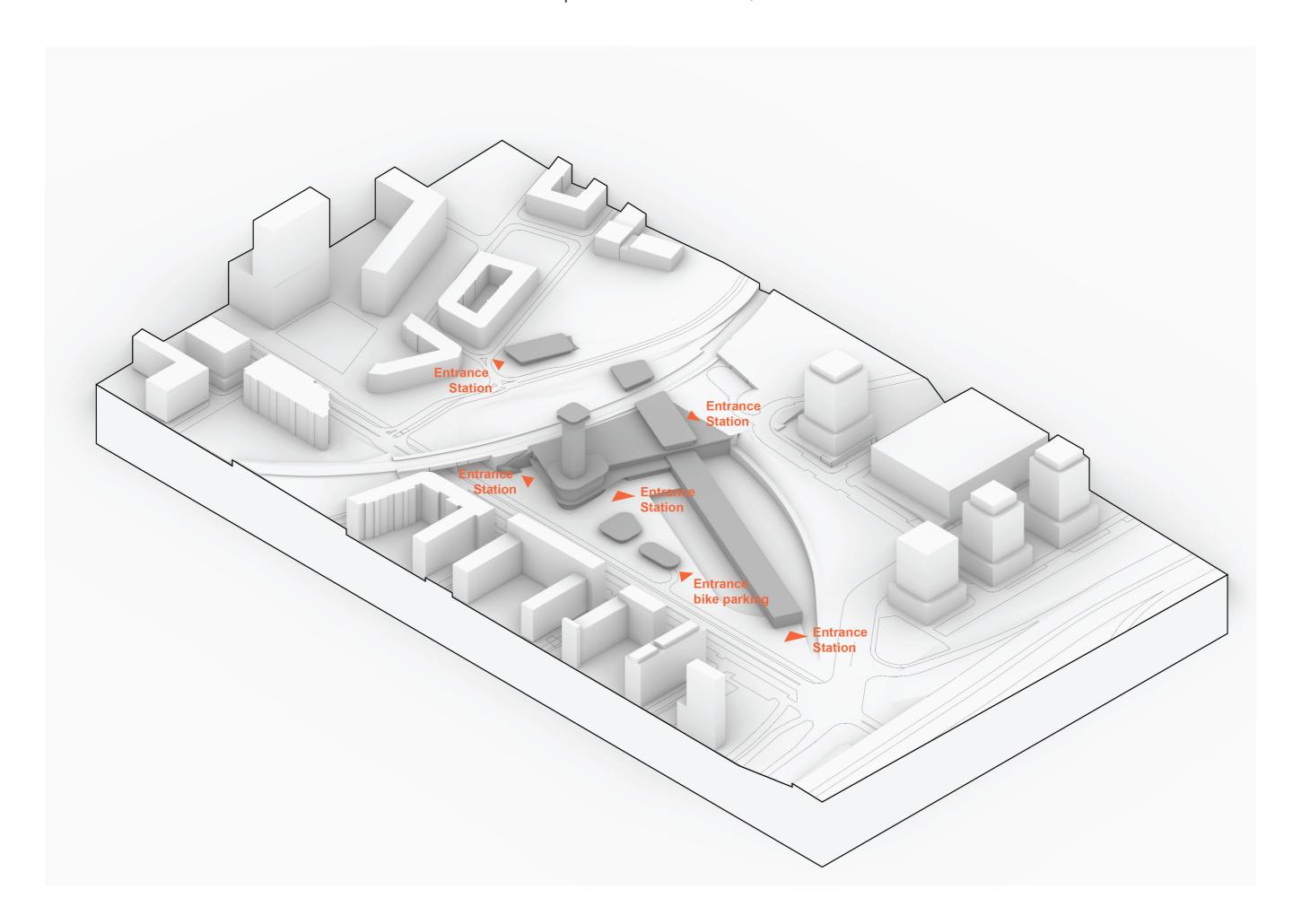


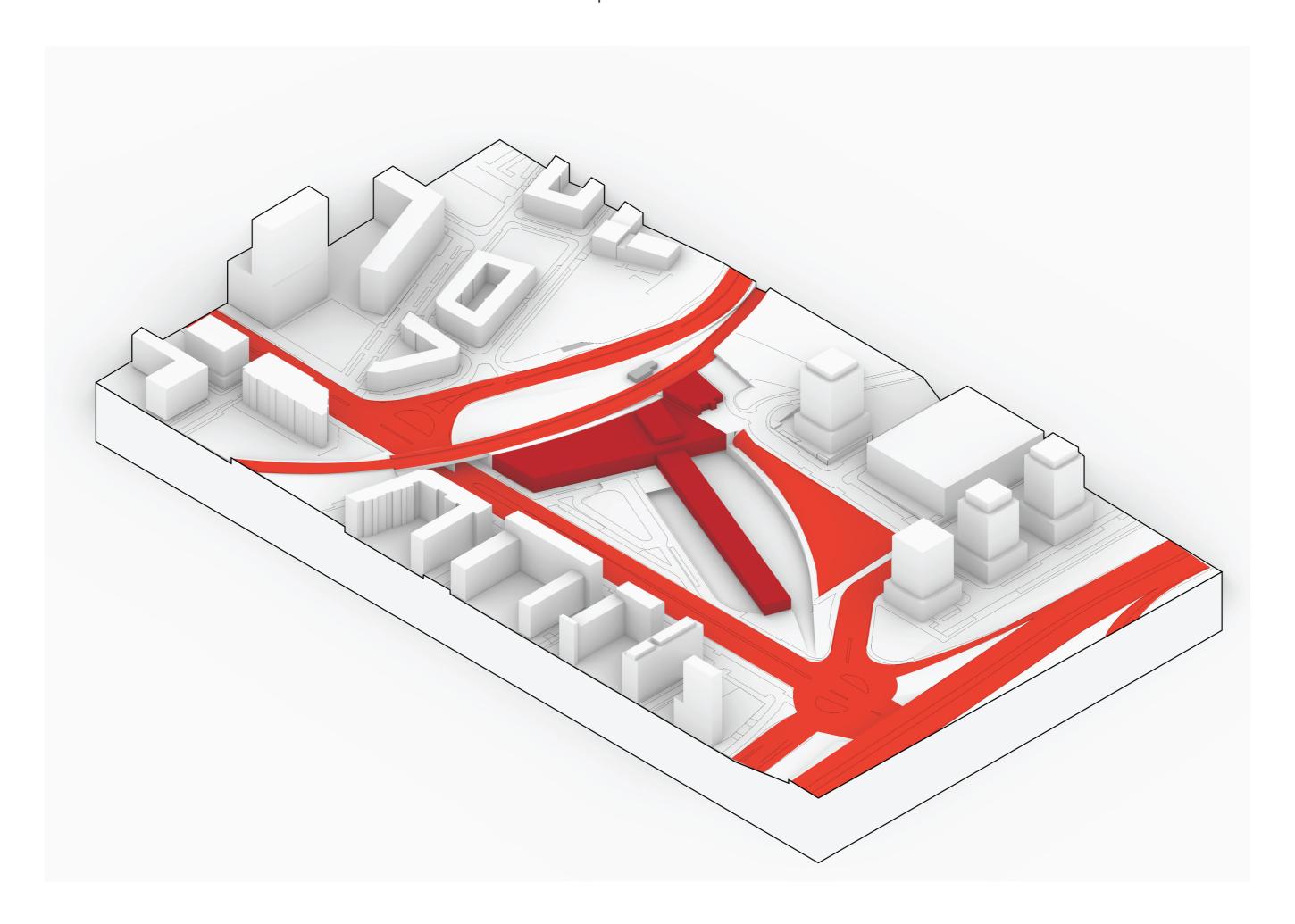






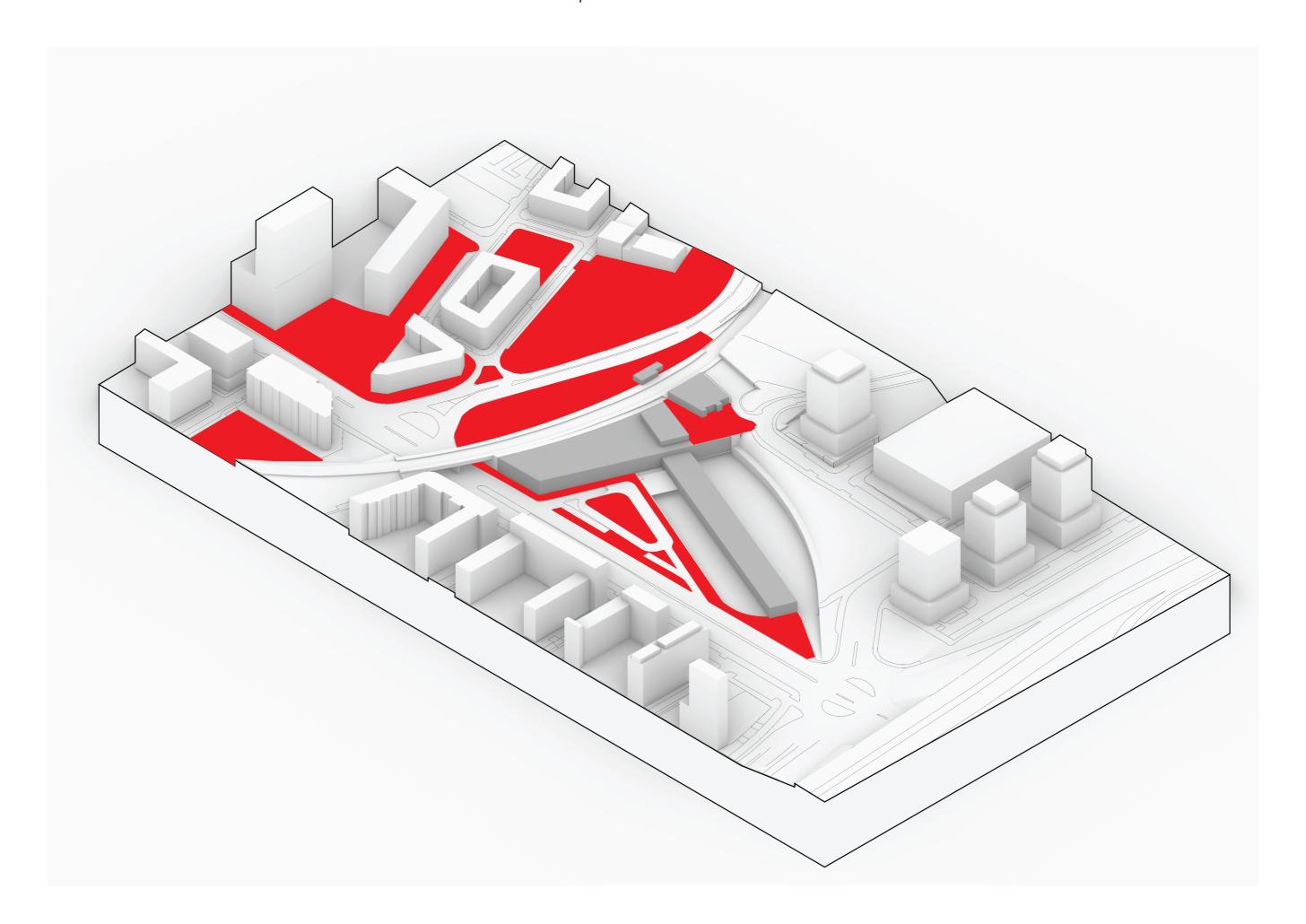


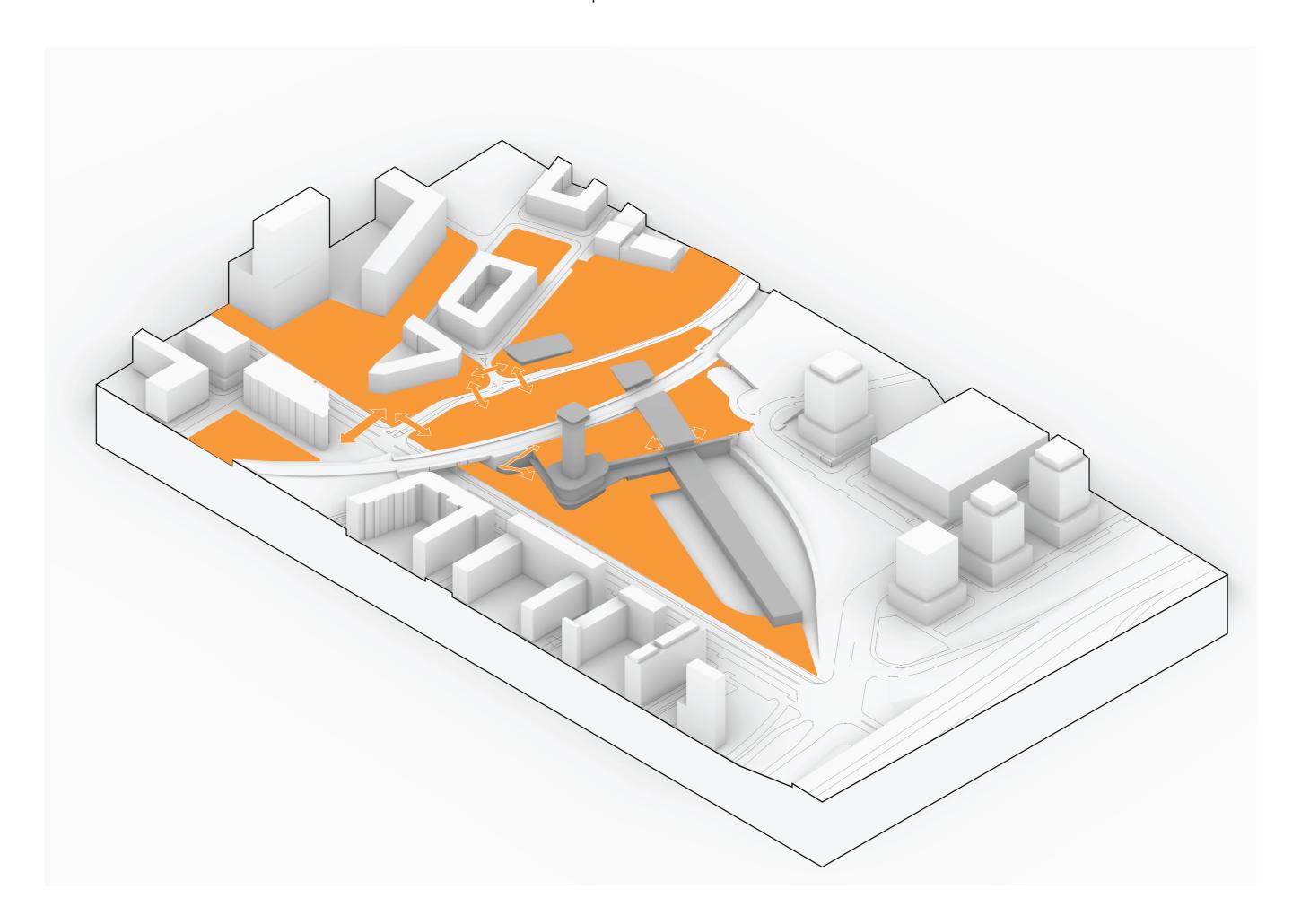


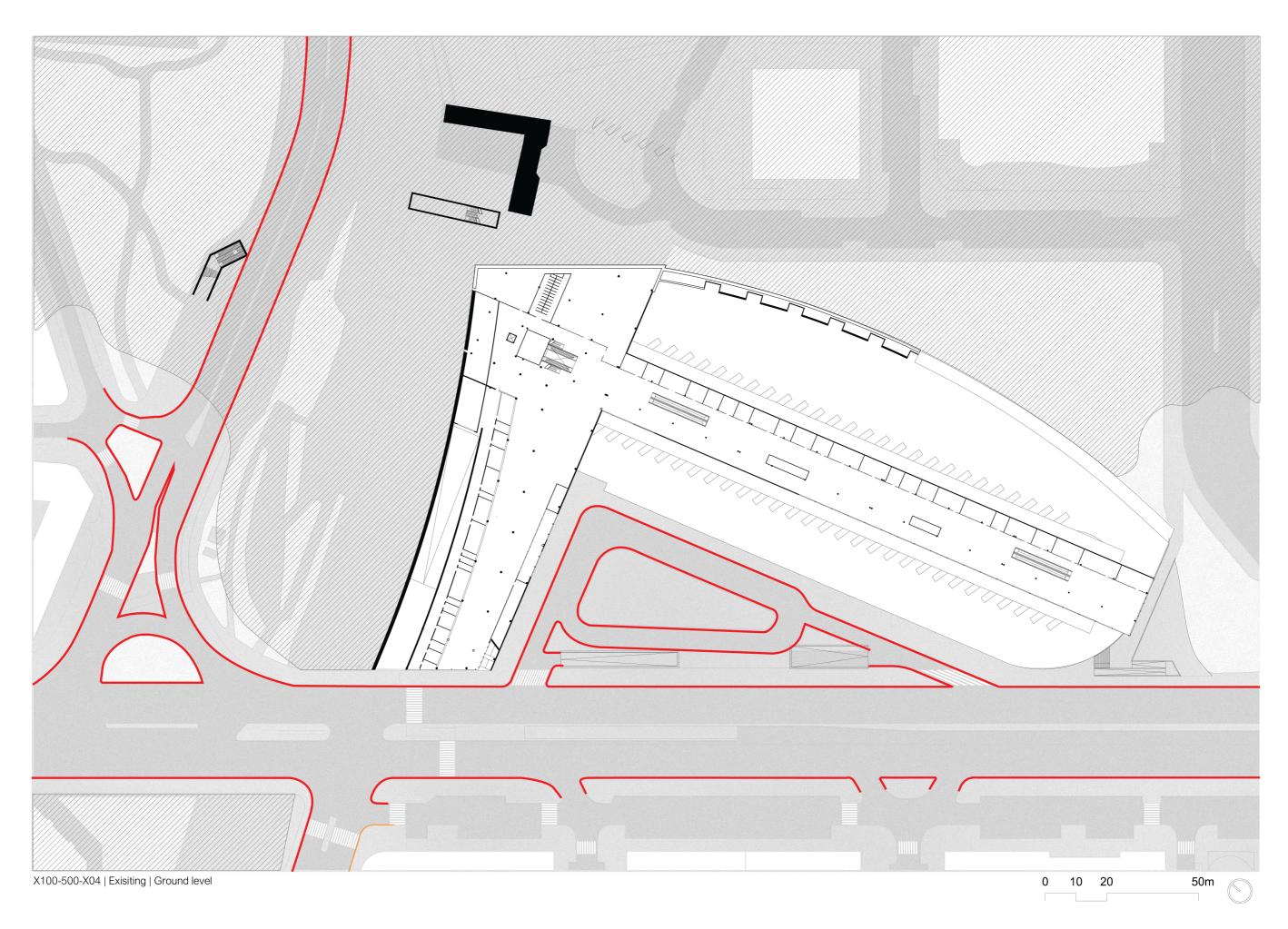


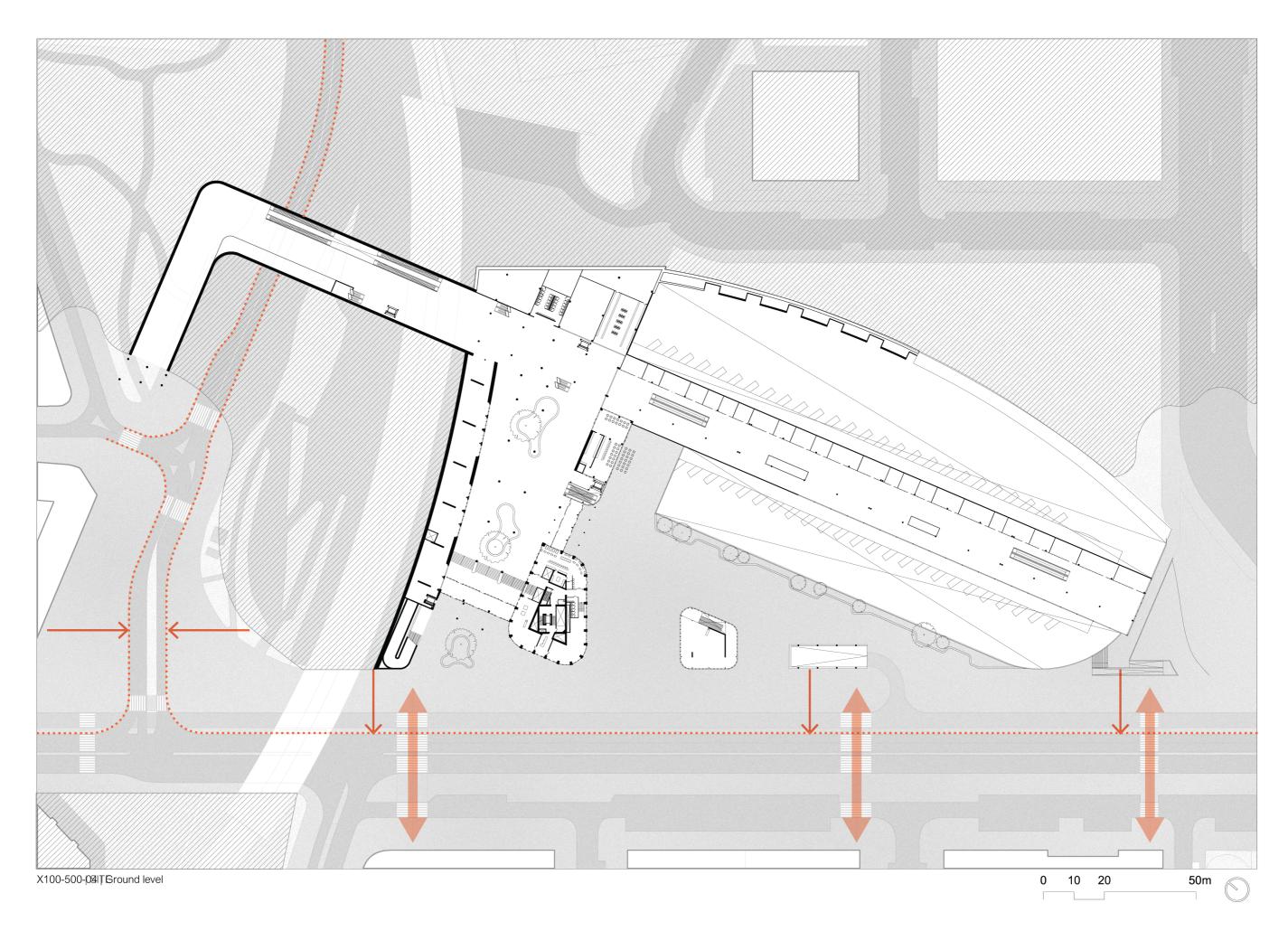
TRANSFORMATION | STATION AS POROUS MEMBRANE

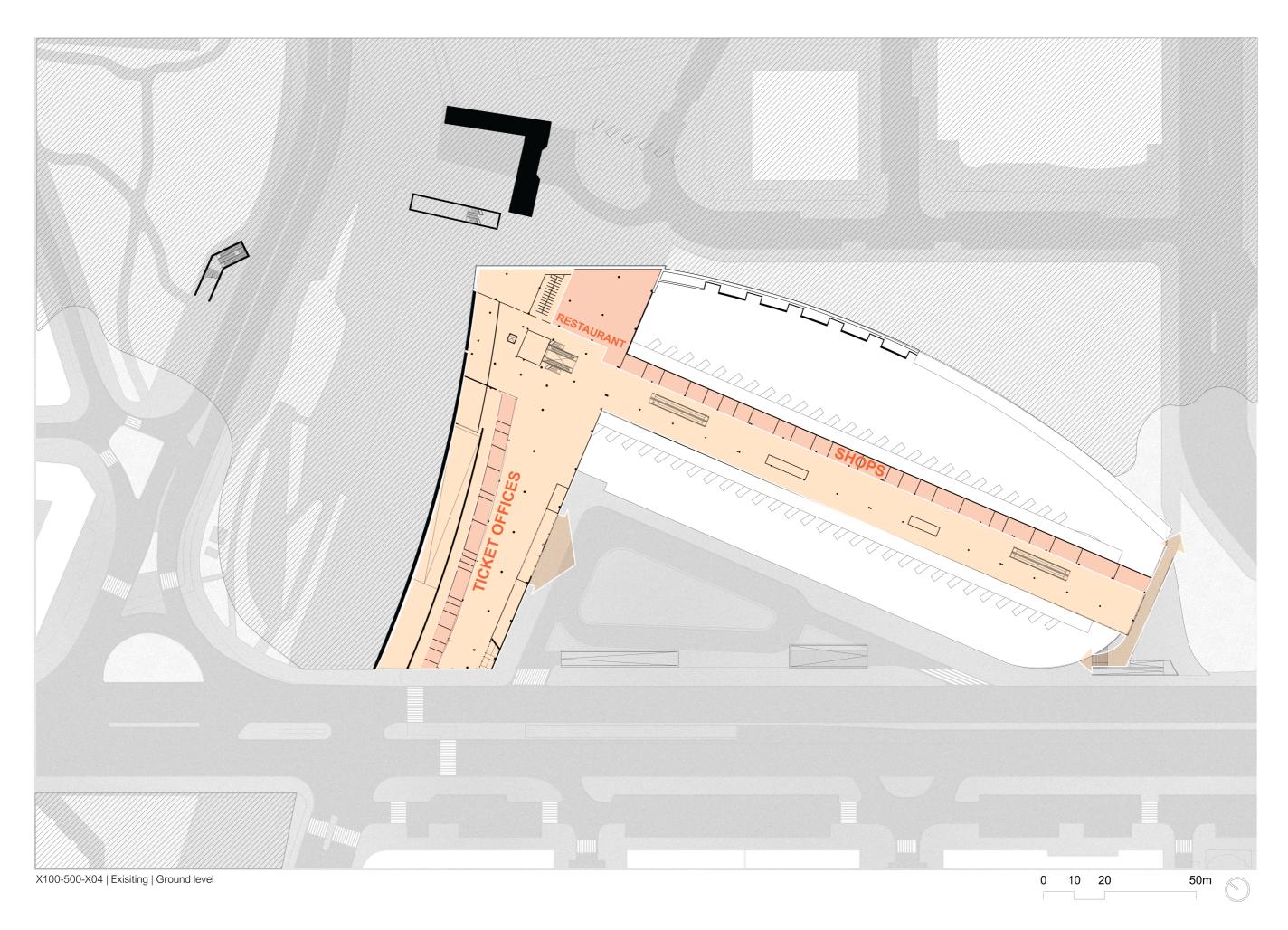


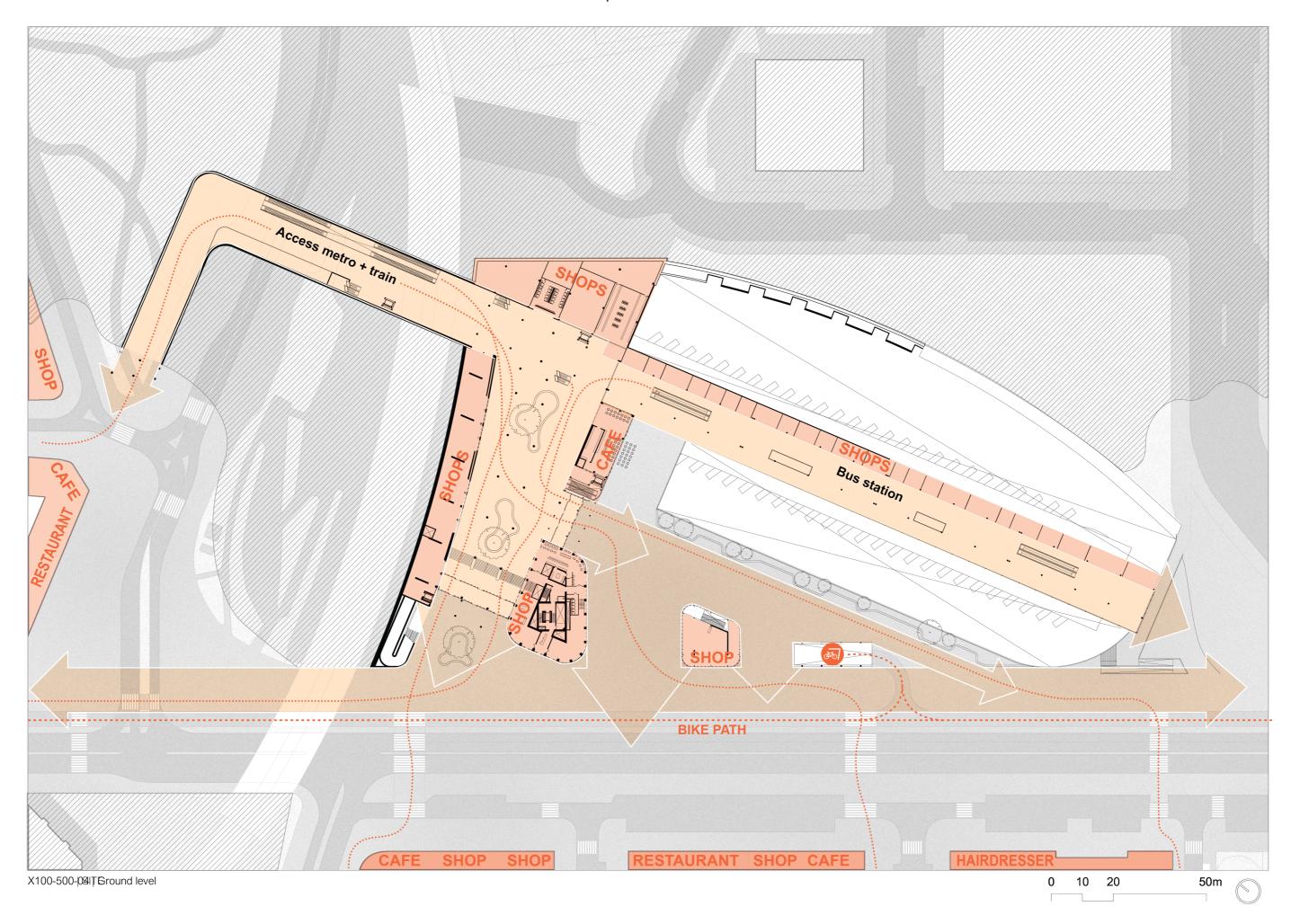


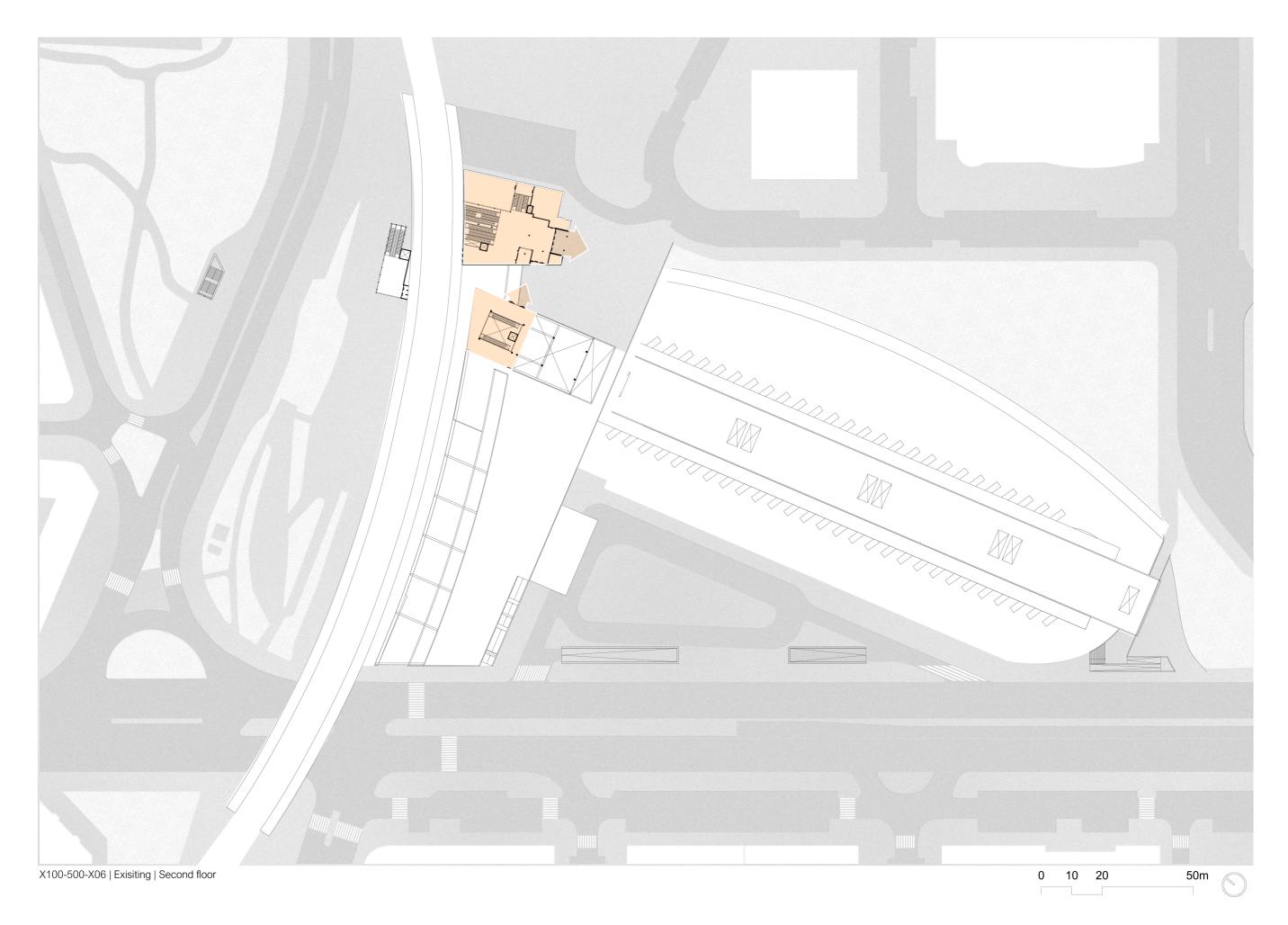


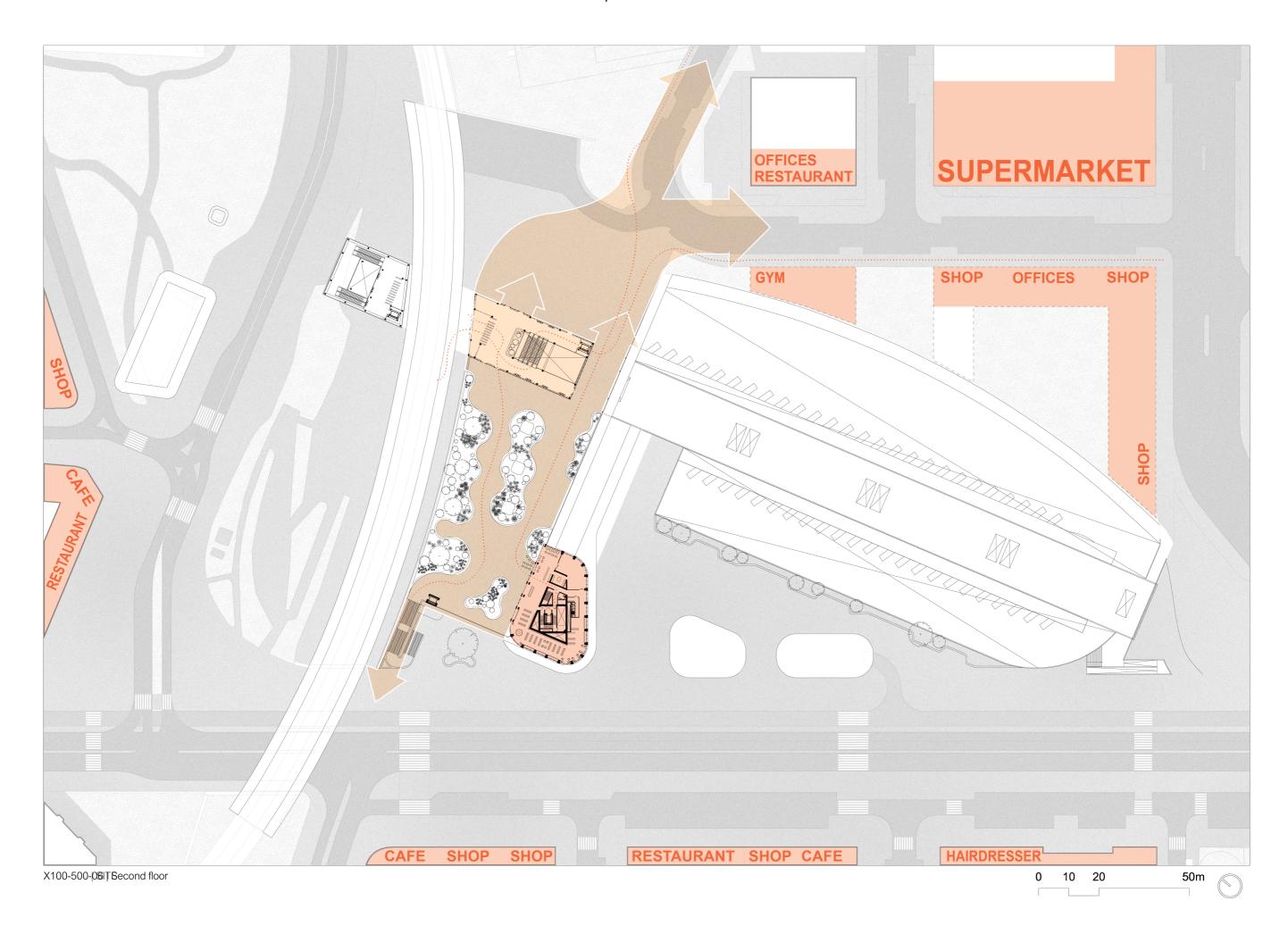






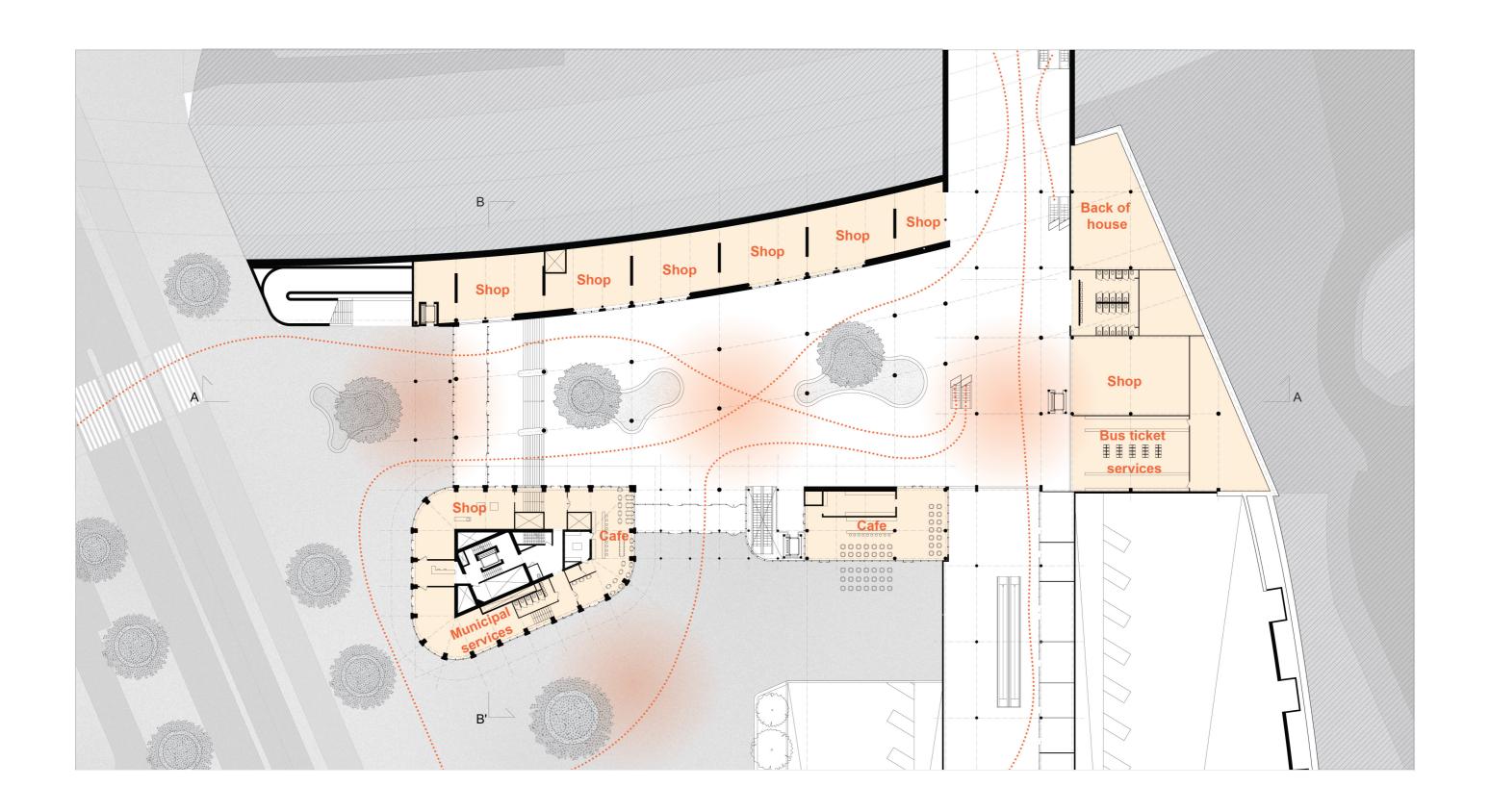






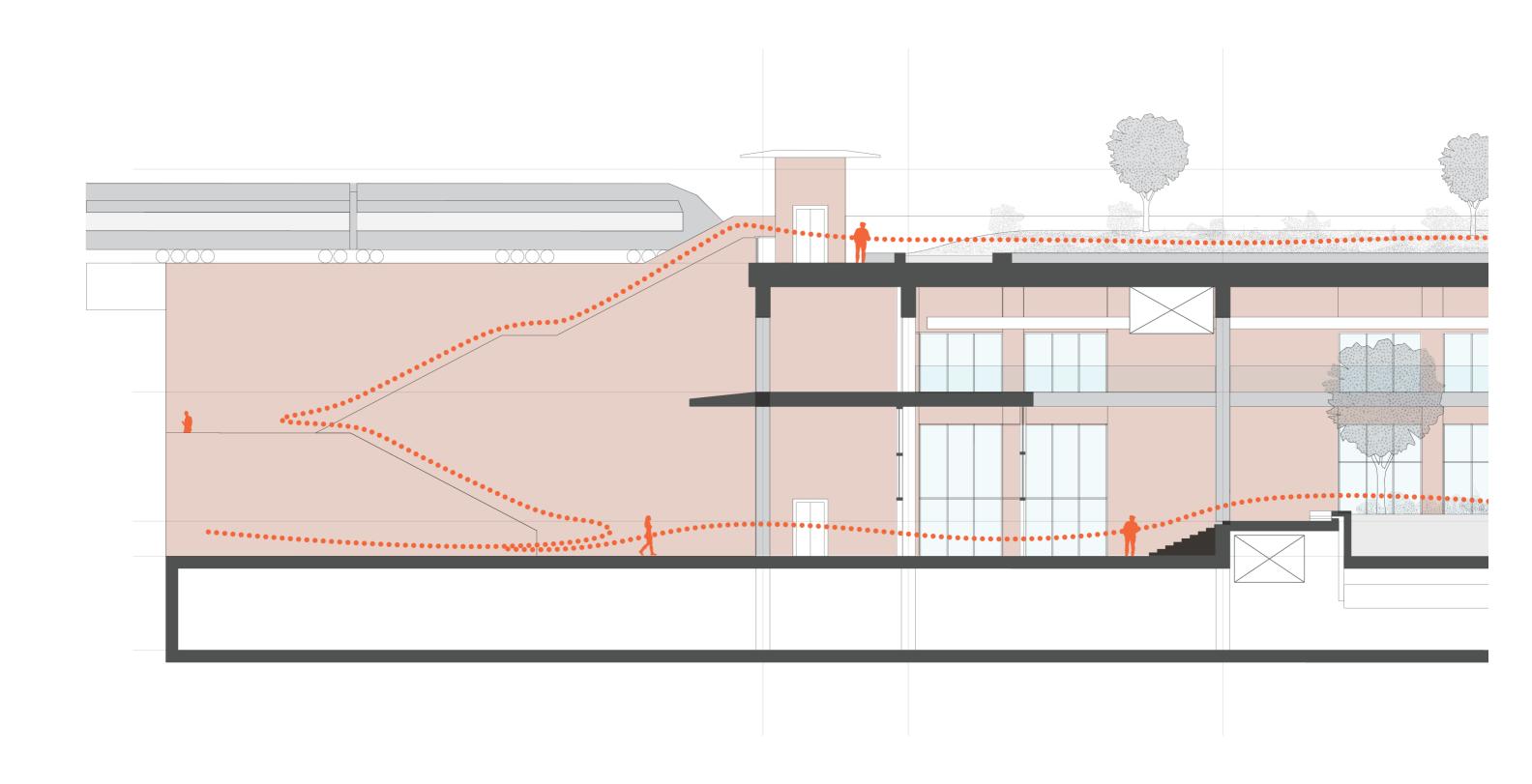


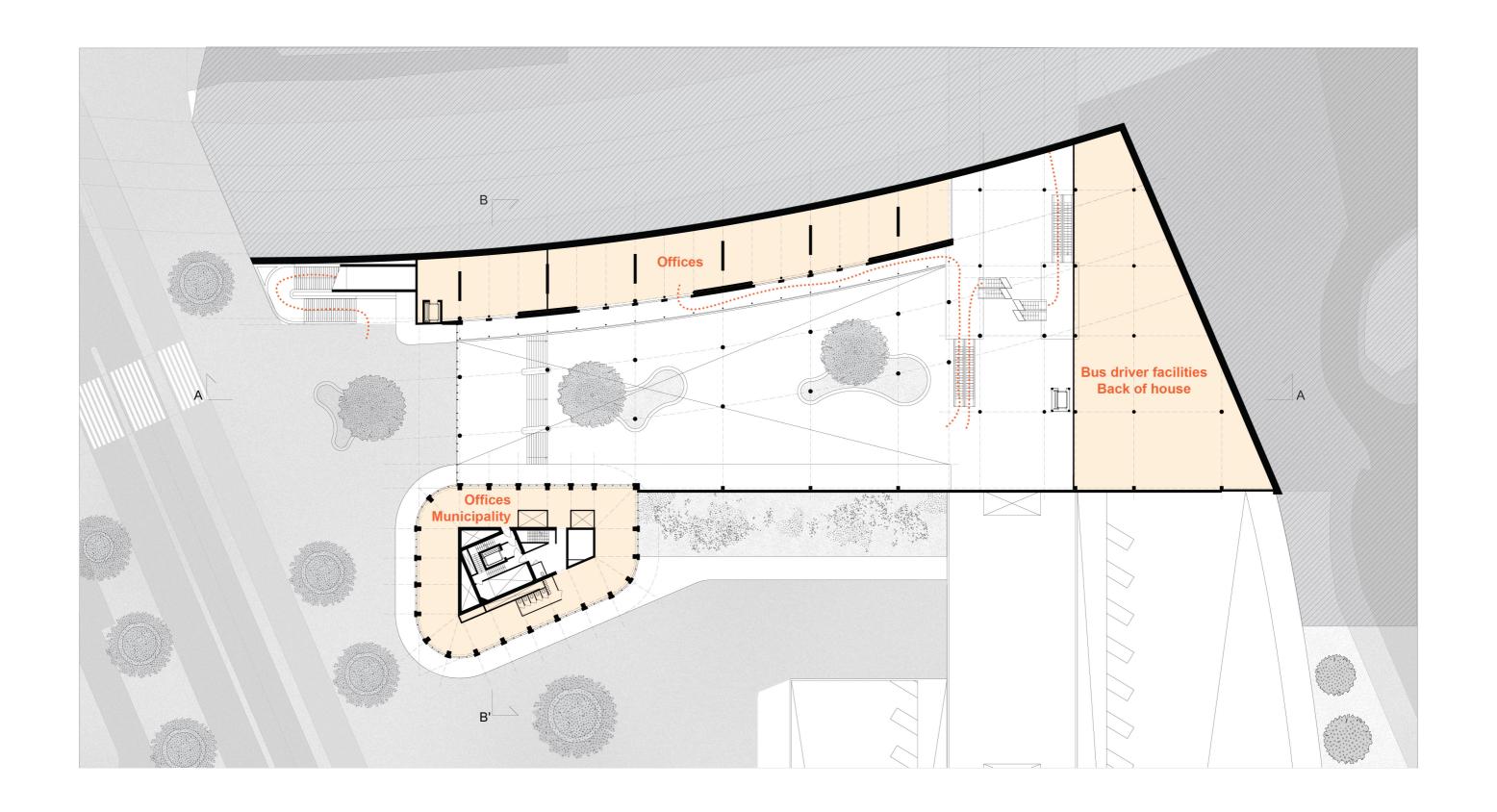


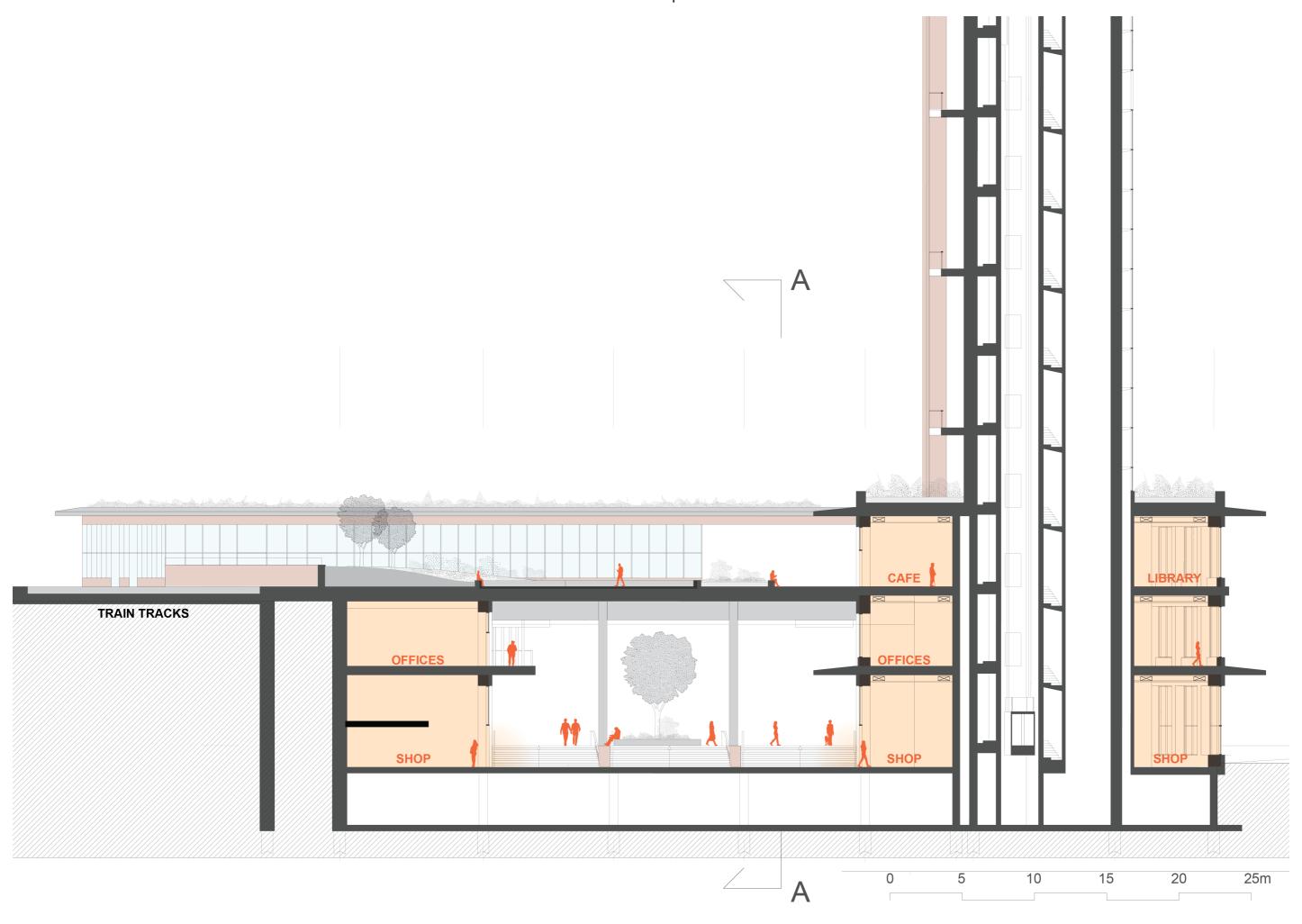


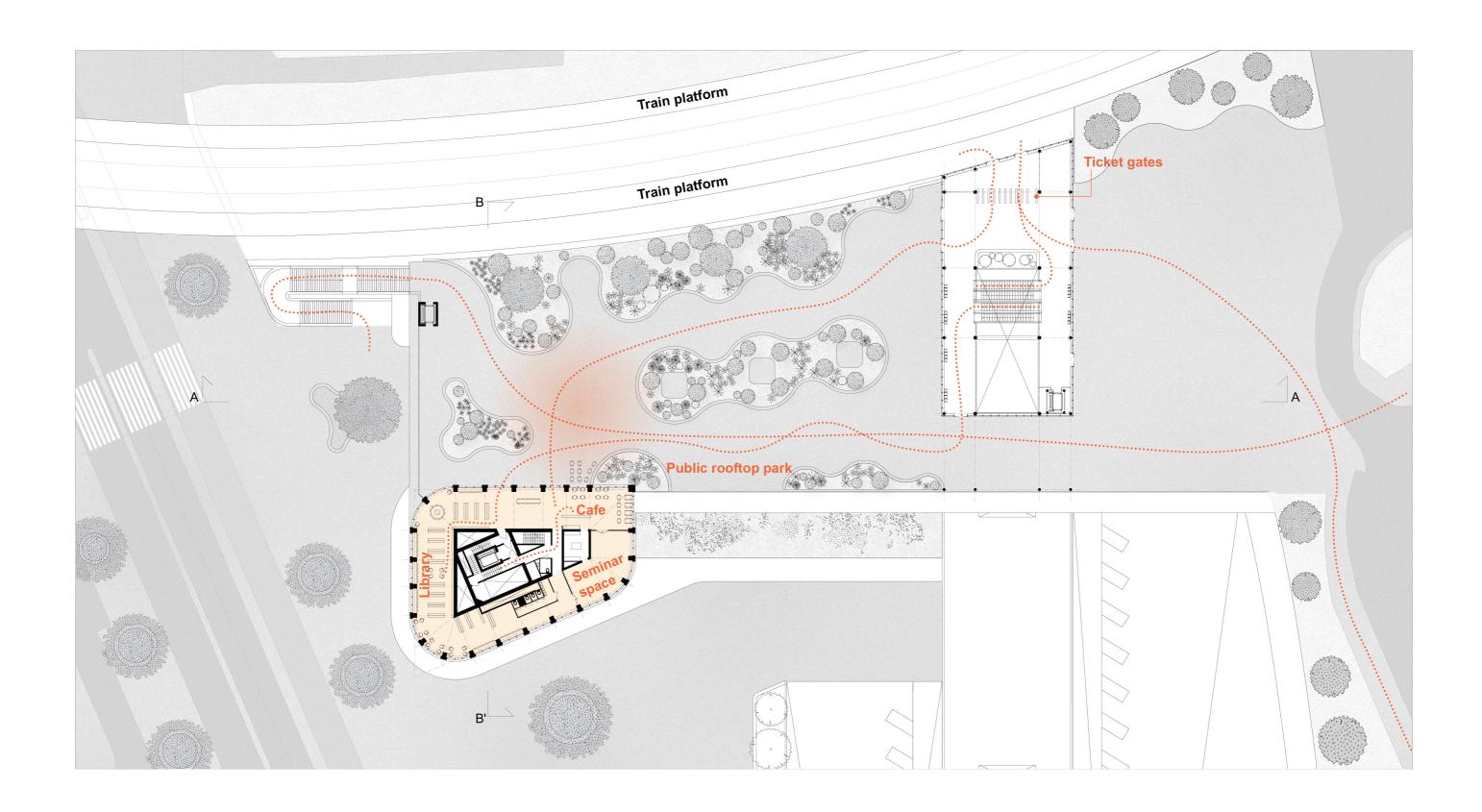


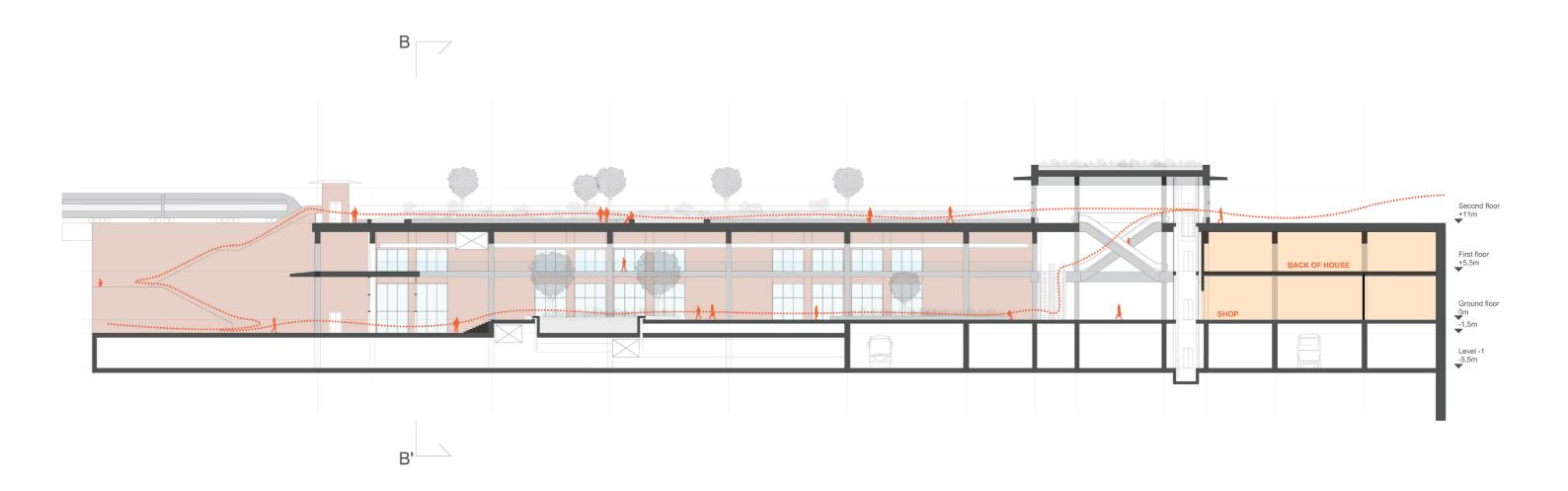




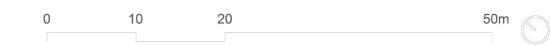






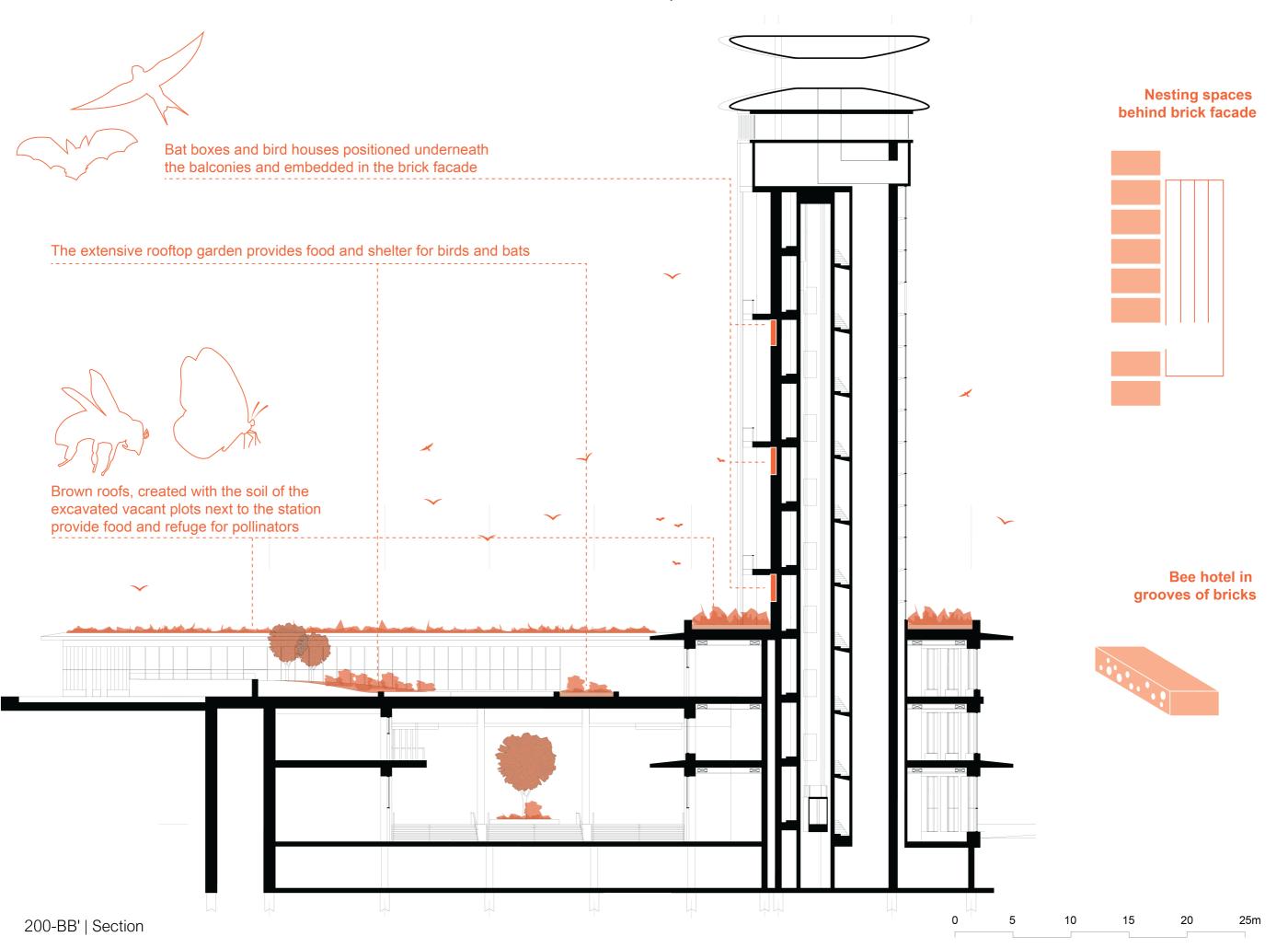


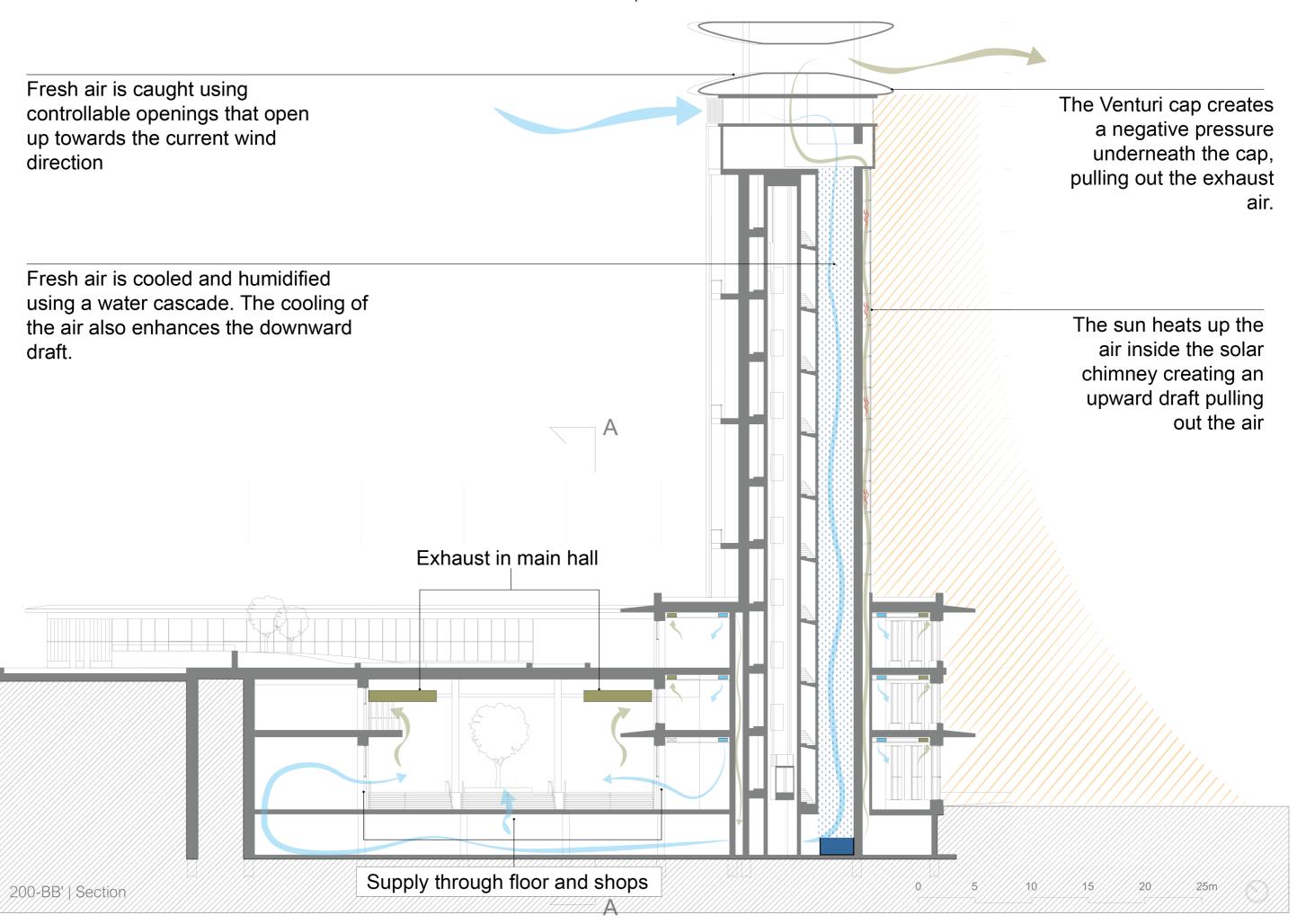
200-AA | Section



Architectural Design Crossovers 69

TRANSFORMATION | OPEN TO NATURE





TRANSFORMATION | FACADE DETAIL



TRANSFORMATION | FACADE DETAIL



