

Country /City **Italy - Milan**

University / School **Polytechnic University of Milan**

Academic year **2022/2023**

Title of the project **The regeneration of Post-Industrial area of las tres xemeneias in Barcelona**

Authors **Prof. Arriola Madorell Andreu / Student's group : Hao Yuxin, Ge Songyou, Yang Yi, Zhang Dong**

TECHNICAL DOSSIER

Title of the project **The regeneration of Post-Industrial area of las tres xemeneias in Barcelona**
Authors **Prof. Arriola Madorell Andreu / Student's group: Hao Yuxin, Ge Songyou, Yang Yi, Zhang Dong**
Title of the course **Advanced Architectural Design - Sustainable Architecture and Landscape Design**
Academic year **2022/2023**
Teaching Staff **Prof. Arriola Madorell Andreu, Prof.sa Alison Aurorarosa with Alessandro Cacioppo, Sergio Martin Salazar Abecasis, Ambra Benvenuto**
Department / Section / Program of belonging **Advanced Architectural Design - Sustainable Architecture and Landscape Design - Master course (2nd year)**
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Written statement, short description of the project in English, no more than 250 words

Located in above the "3 Xemeneis" in Sant Adrià del besos, the project is aware of its surroundings and offers itself as an open space that connects a residential neighborhood to an industrial zone that is in the process of accepting new activities and people. Furthermore, it serves as an axis between the inner city and the nearby beach. In doing so, it helps to improve the lack of public space in the industrial zone, with the inclusion of an extensive park. The buildings are divided into two blocks- one with a social character that houses a library, theatre and other cultural services for the community, and a commercial block located just across the street. The first block is integrated into the landscape, disguised as a topography of the park, to emphasize the notion of an open public space and emphasize the strong intention to address the current situation.

For further information

Máster d'Arquitectura del Paisatge - UPC

Contact via email at:
master.paisatge.comunicacio@gmail.com

biennal.paisatge@upc.edu

Máster d'Arquitectura del Paisatge - UPC

Sede ETSAB - Universitat Politècnica de Catalunya

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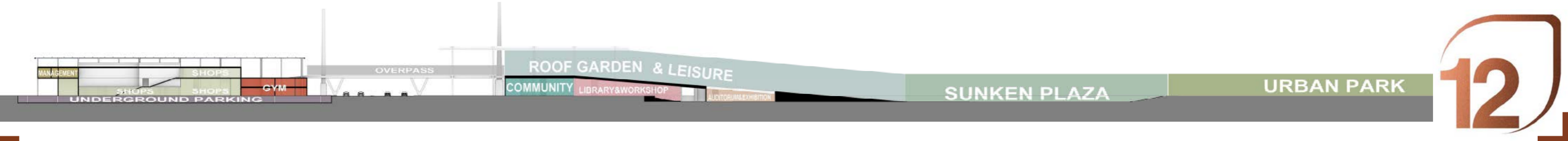
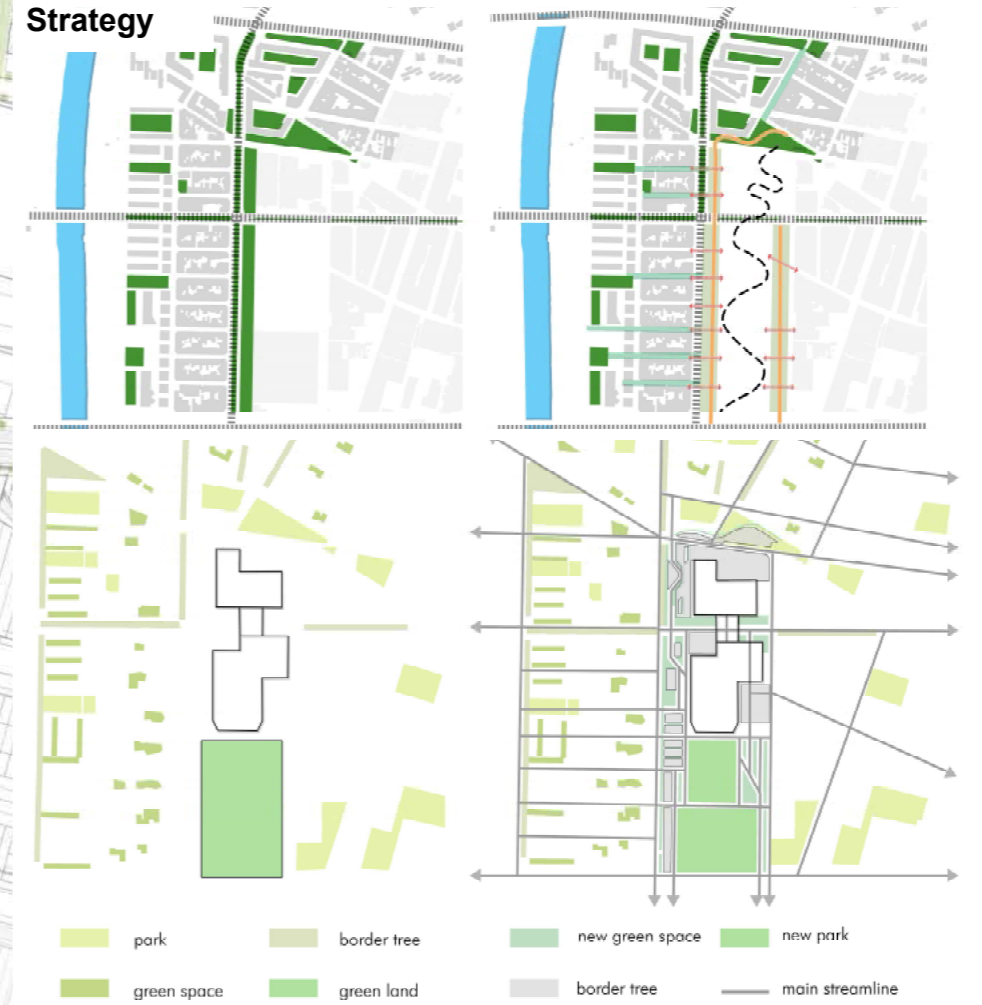
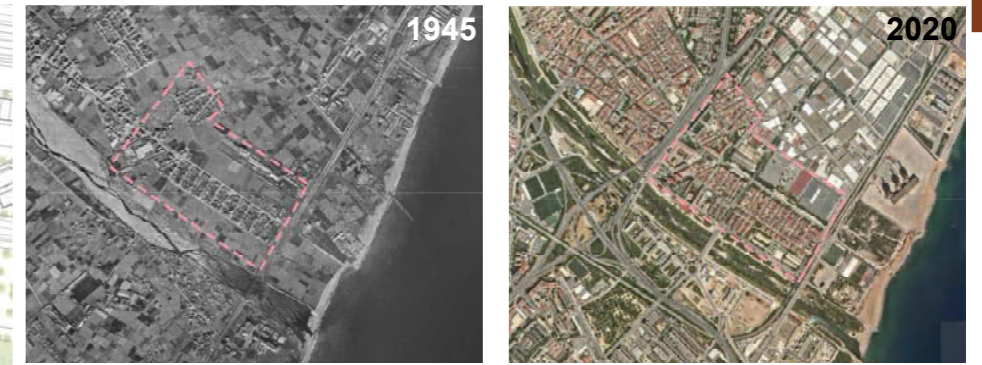
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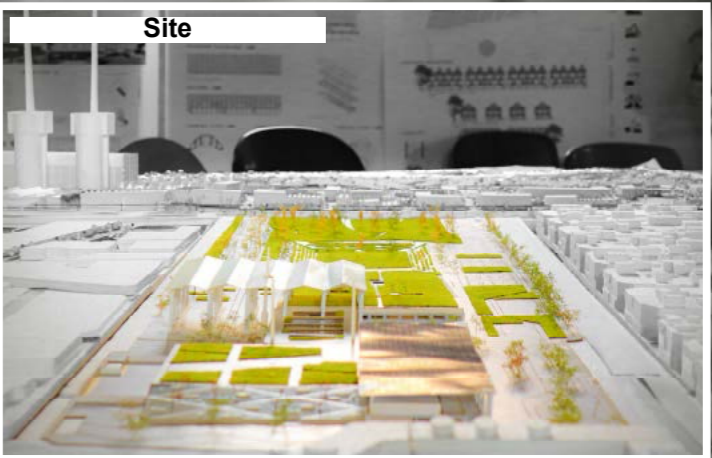
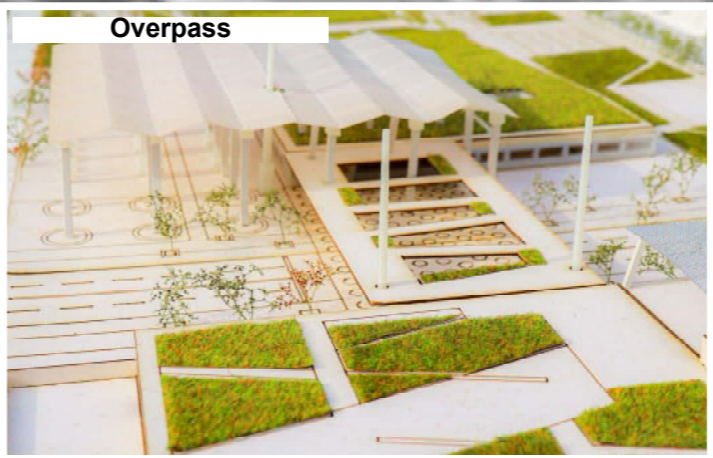
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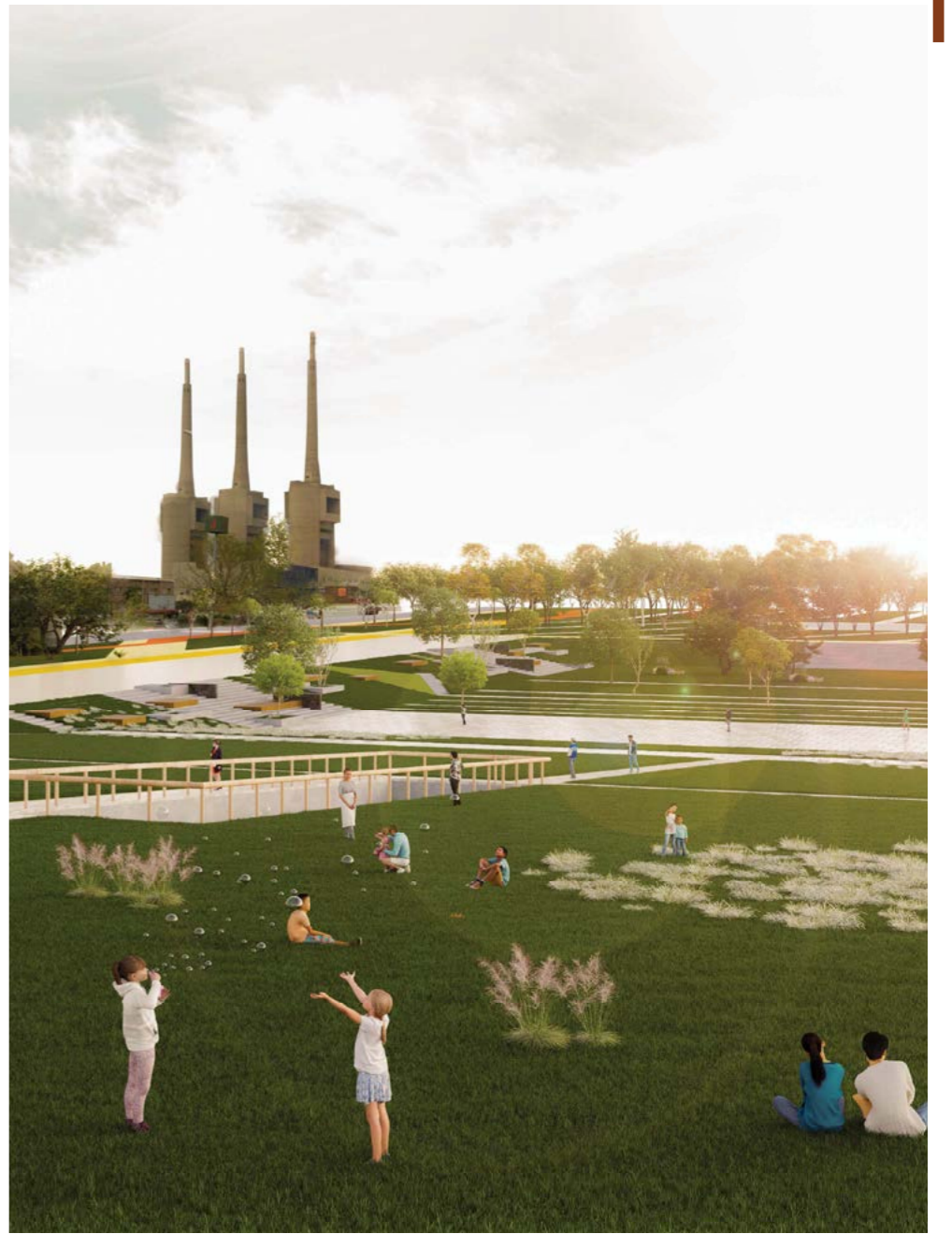
12th International Biennial Landscape Barcelona

Barcelona October 2023

SCHOOL PRIZE







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University / School **Polytechnic University of Milan**

Academic year **2022/2023**

Title of the project **On the *TRAIL* of a New way**

Authors **Prof. Arriola Madorell Andreu / Student's group: Aldini Maria Teresa, Geronimi Freitas Joao Paulo, Tundo Letizia**



TECHNICAL DOSSIER

Title of the project **On the TRAIL of a New way**
Authors **Prof. Arriola Madorell Andreu / Student's group: Aldini Maria Teresa, Geronimi Freitas Joao Paulo, Tundo Letizia**
Title of the course **Advanced Architectural Design - Sustainable Architecture and Landscape Design**
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Teaching Staff **Prof. Arriola Madorell Andreu, Prof.sa Alison Aurorarosa with Alessandro Cacioppo, Sergio Martin Salazar Abecasis, Ambra Benvenuto**
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Written statement, short description of the project in English, no more than 250 words

The project site is situated in Badalona, a city that is separated from the coastal city of Barcelona by the Riu Besos. The development aims to create a large boulevard, a new rambla, by moving underground the railway line that currently cuts the space longitudinally, thereby facilitating transversal connections towards the beach and the sea. In addition, the design of public spaces will be favoured in order to activate the area with both inhabitants and tourists. The project's entry is the bridge over the Riu Besos, where the railway is shifted downwards in order to construct the new rambla while maintaining the existing track until the new underground line is completed. The existing station near the bridge was demolished and replaced with a new one located opposite the 3 chimneys, which will be more accessible to the local community. This two-level station is totally permeable and has a central staircase to the basement, with two large side entrances running along the track of the main pedestrian path. Finally, a pedestrian bridge is constructed to connect the main pedestrian route with the coast, providing a new level of permeability between the two sides of the city.

For further information

Máster d'Arquitectura del Paisatge - UPC

Contact via email at:
master.paisatge.comunicacio@gmail.com

biennial.paisatge@upc.edu

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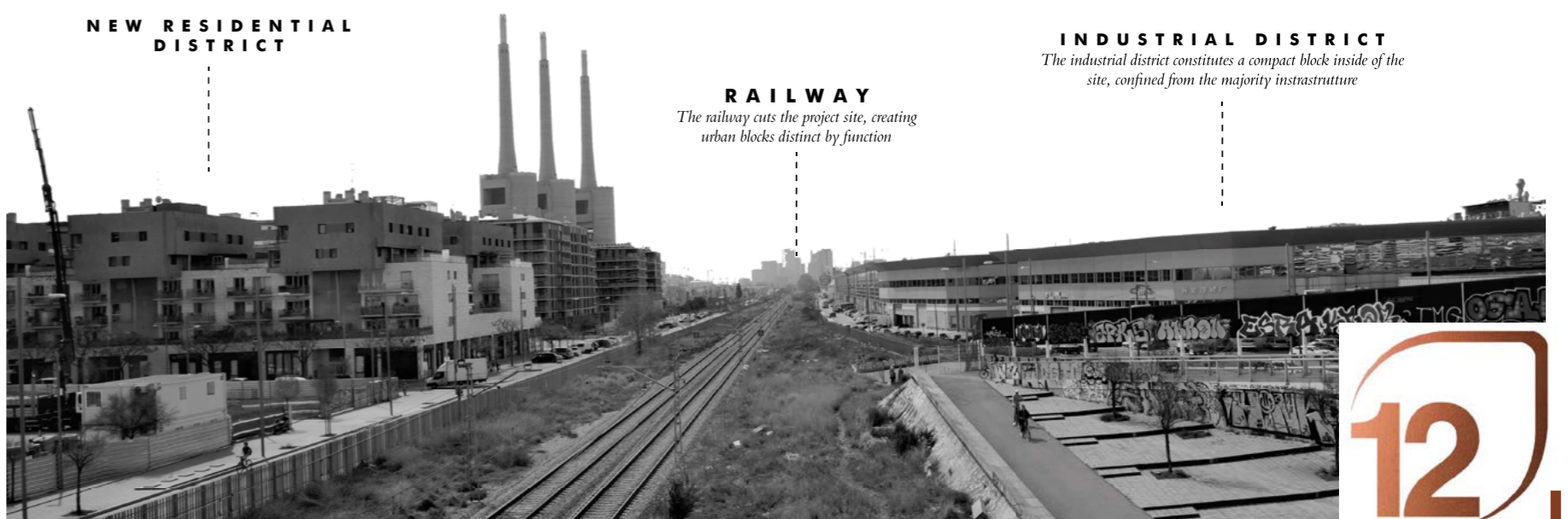
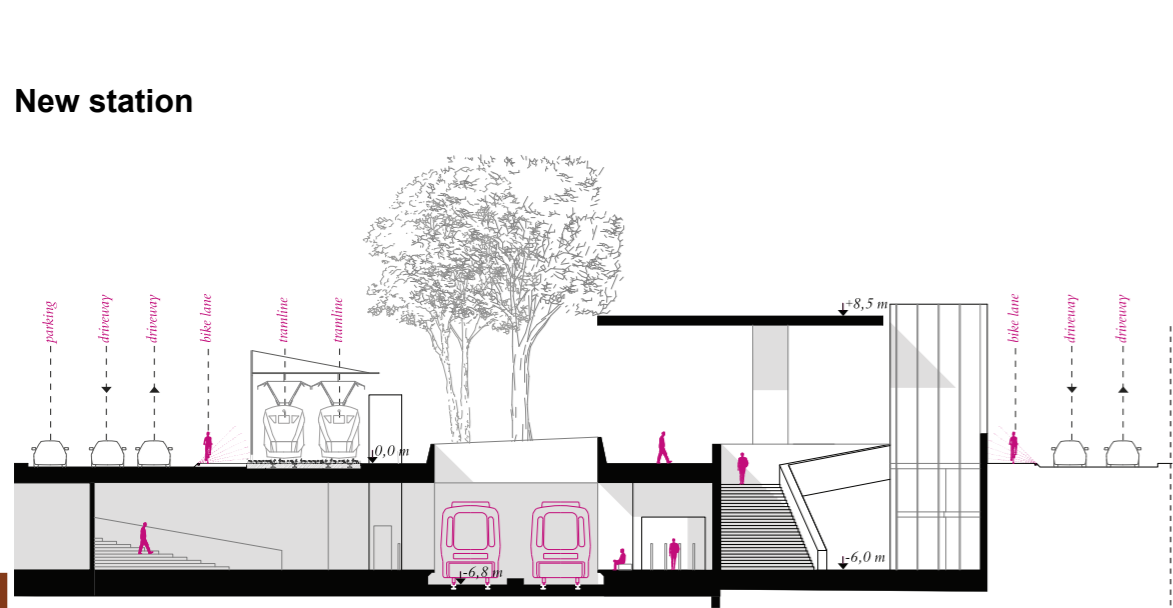
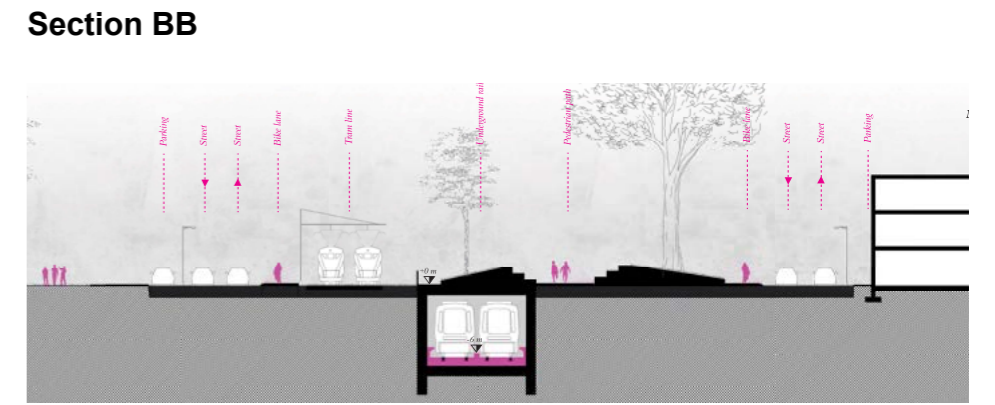
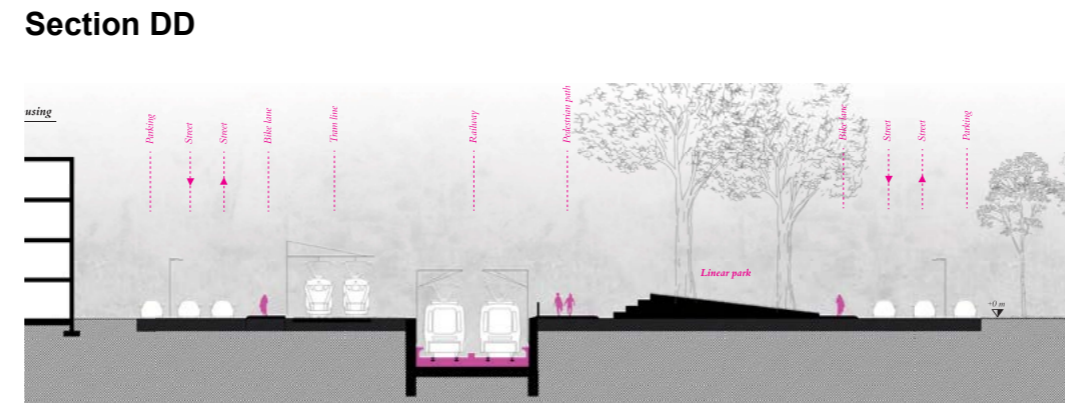
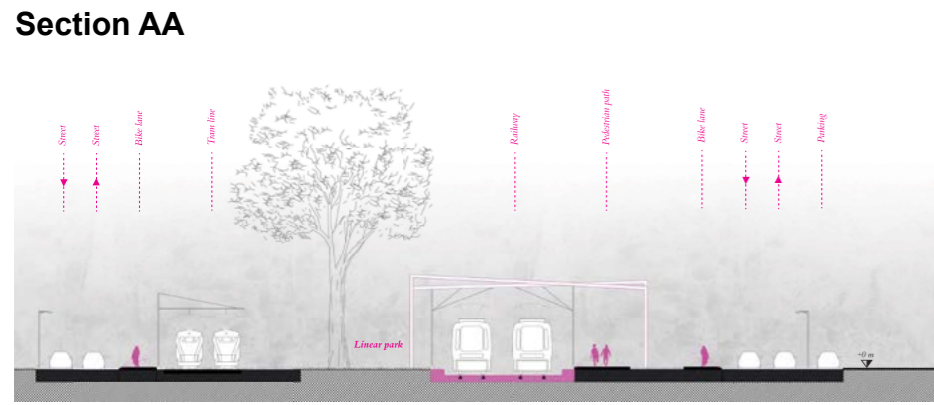
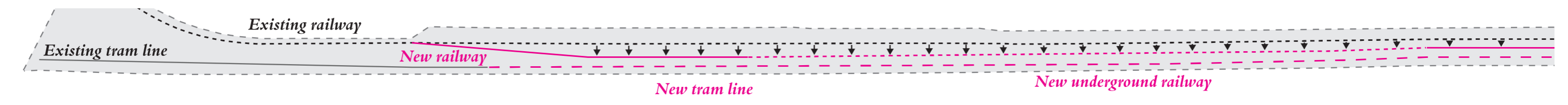
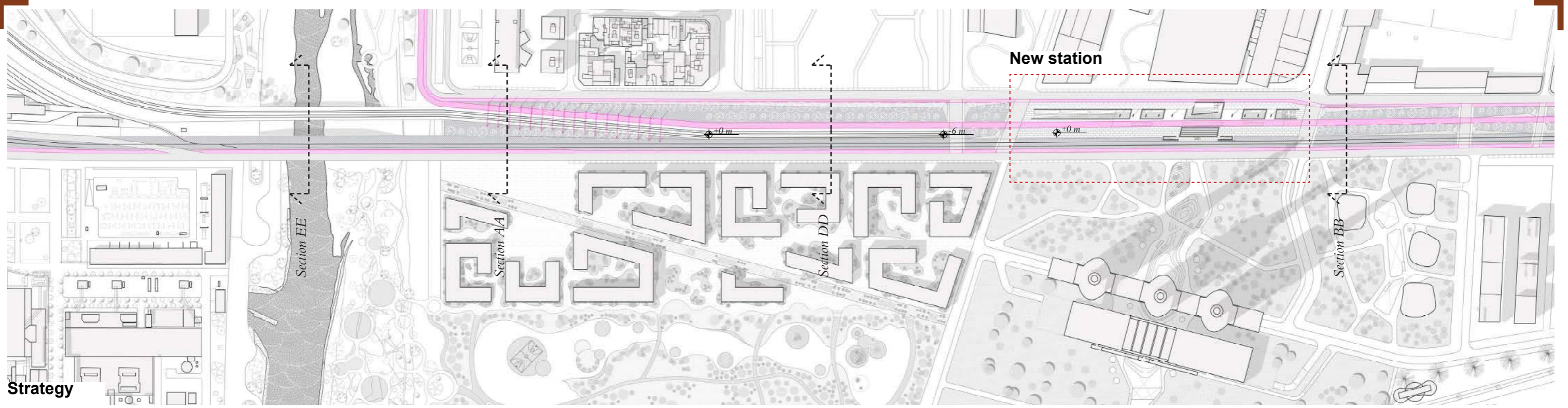
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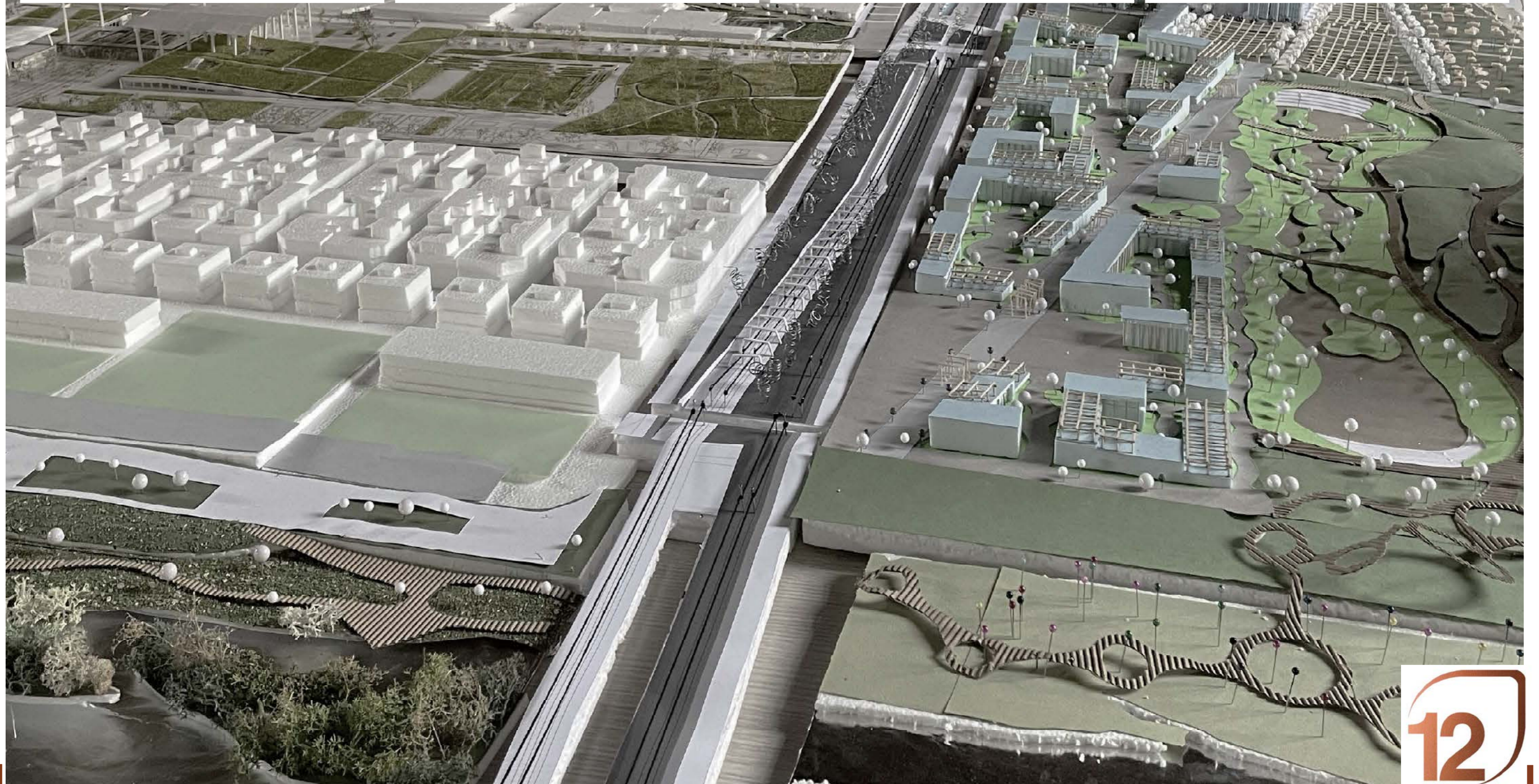
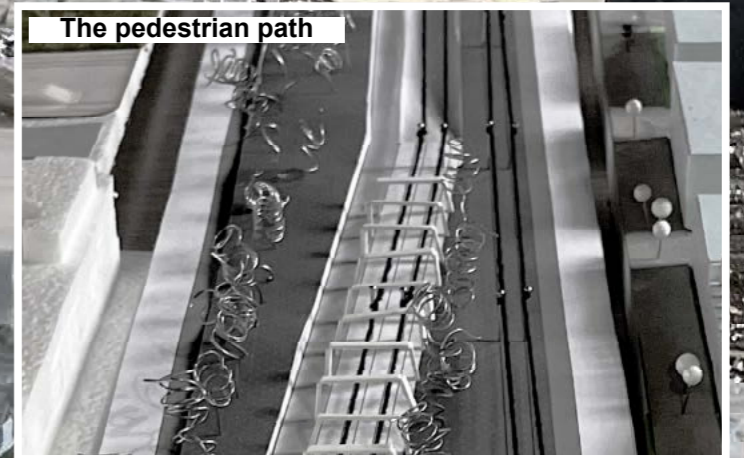
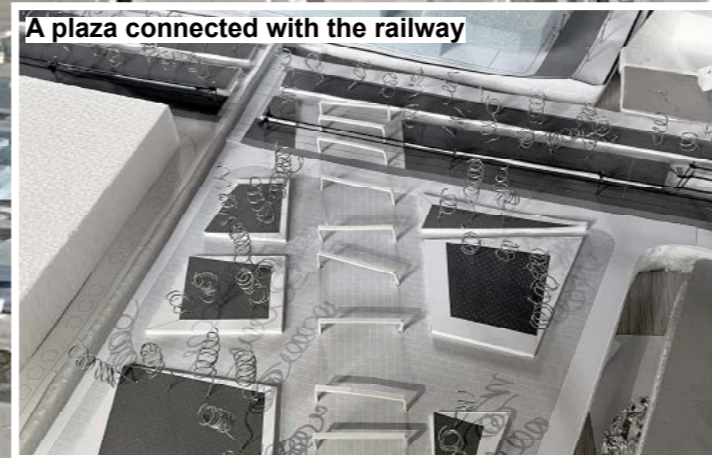
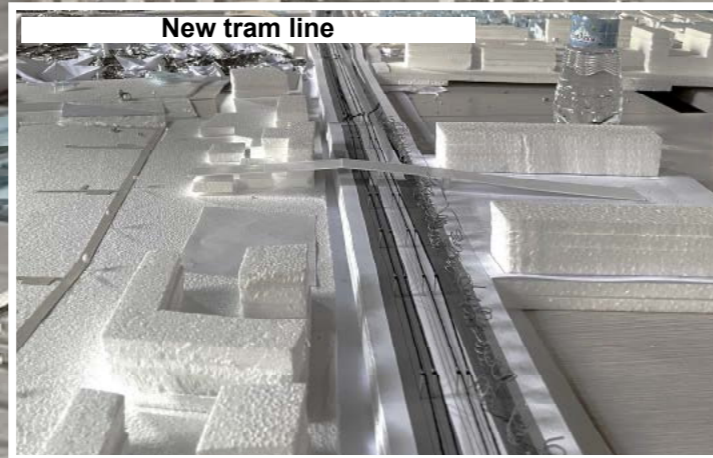
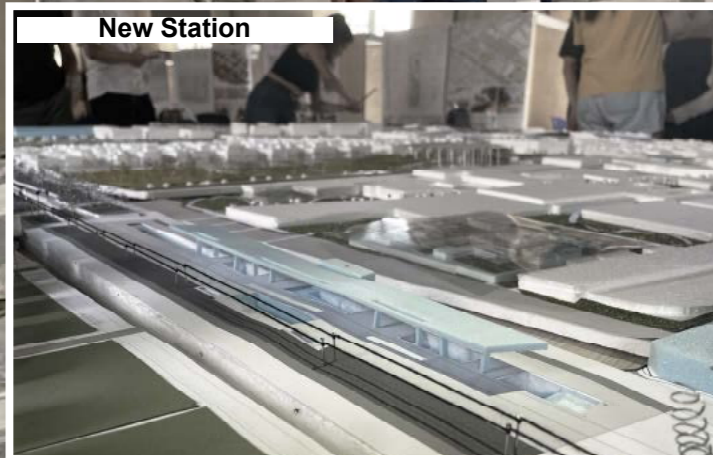
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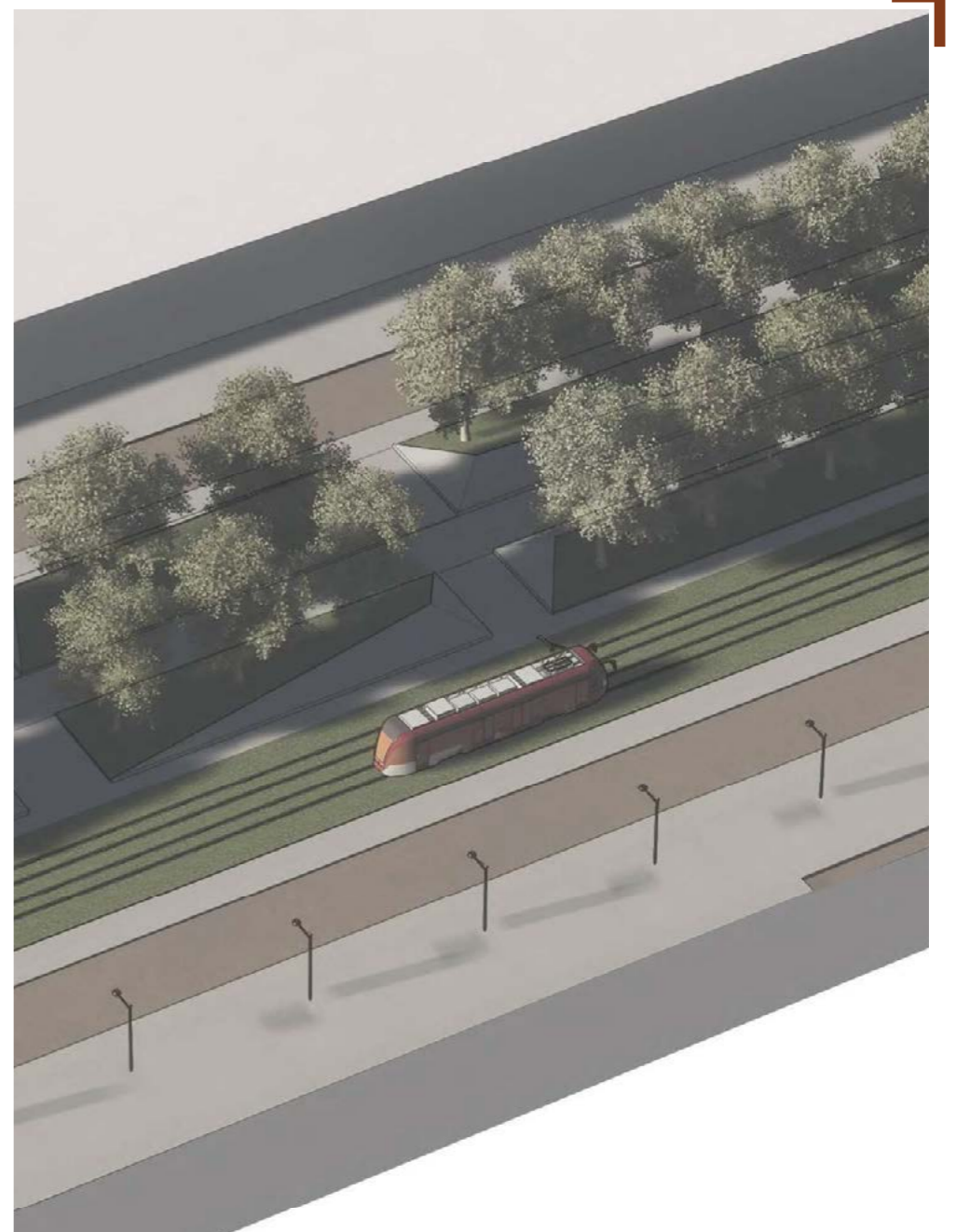
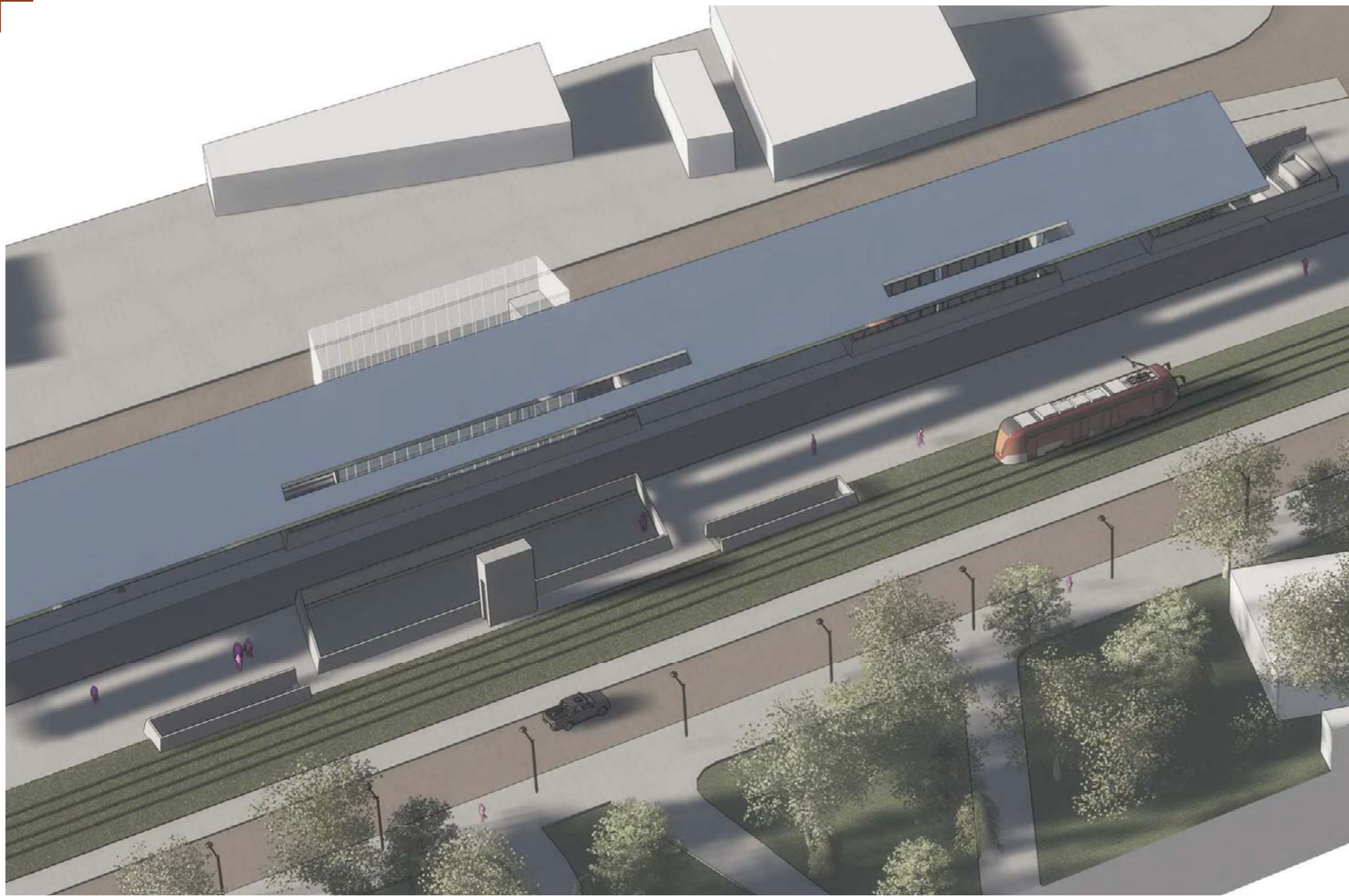
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Academic year **2022/2023**

Title of the project **RE - NARRATING THE LANDSCAPE**

Authors **Prof. Arriola Madorell Andreu / Student's group: Aafreen Saleem, Carine Abboud, Elissa Abdo, Lucas Mancini**

TECHNICAL DOSSIER

Title of the project **RE - NARRATING THE LANDSCAPE**
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The landscape around Sant Adrià Besòs is heavily marked by transportation infrastructure elements, particularly expressways and the railway. Though these infrastructures are designed to connect regions, on a local level they can be quite fragmenting. Such is the case of the highway interchange in Badalona, which is dividing the neighborhoods near the Besòs River and limiting the access of its residents to the park and other landscape features. But rather than seeing this as a problem to be solved, it can be seen as an opportunity. The proposal introduces curvy paths that don't connect points of interest directly, allowing users to experience an aesthetic journey through the landscape created by the interchange. By connecting the pathways at an elevation above the highway, pedestrians can appreciate the design intention of the interchange, allowing them to experience it at a much slower speed. We're proposing a different narrative for this landscape, one that adds playfulness and accessibility, and one that is unified through a unified perimeter pathway. A mosaic of green patches through the use of Nature Based Solutions is proposed, which will improve the local ecosystem services, creating a unified landscape that encourages people to experience the environment in a new way.

For further information

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master.paisatge.comunicacio@gmail.com

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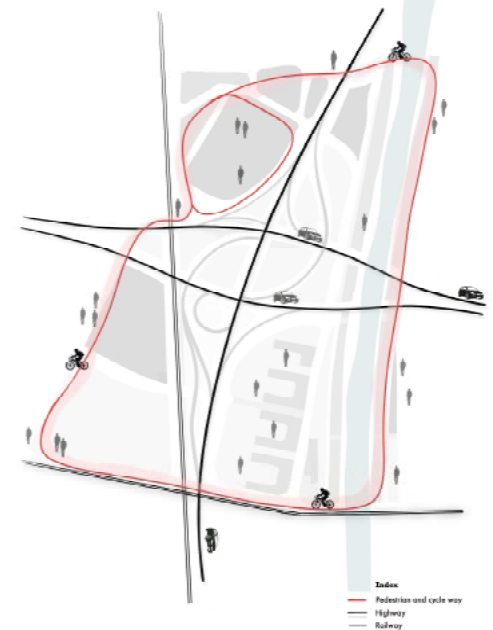
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Diagnosis



Perimeter



The circle



The program

