



PUEBLA HISTORIC CENTER

BLOCK MARKET

LOCATION ANALYSIS

Surrounding environment



Vegetation analysis



Vanilla planifolia



Montezuma Cypress



Dahlia pinnata



Agave americana



Euphorbia pulcherrima



Cactaceae



Jacaranda mimosifolia



Tagetes erecta

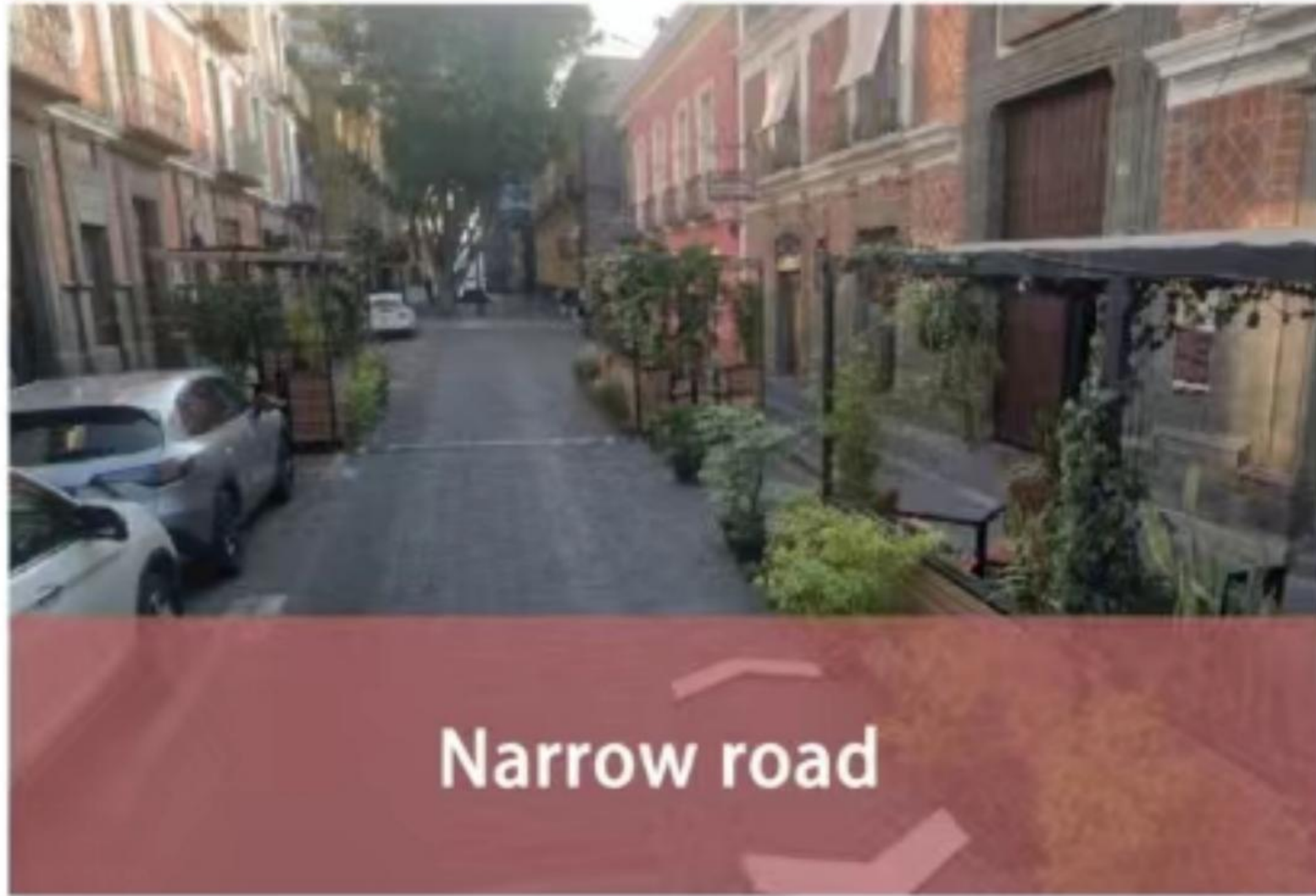
Street analysis



We have conducted an analysis of the area, which is characterized by its narrow streets. It is located near a park, multiple universities, and museums, creating a rich artistic atmosphere. The vegetation includes agaves and vanilla orchids, among others.

TRAFFIC ANALYSIS

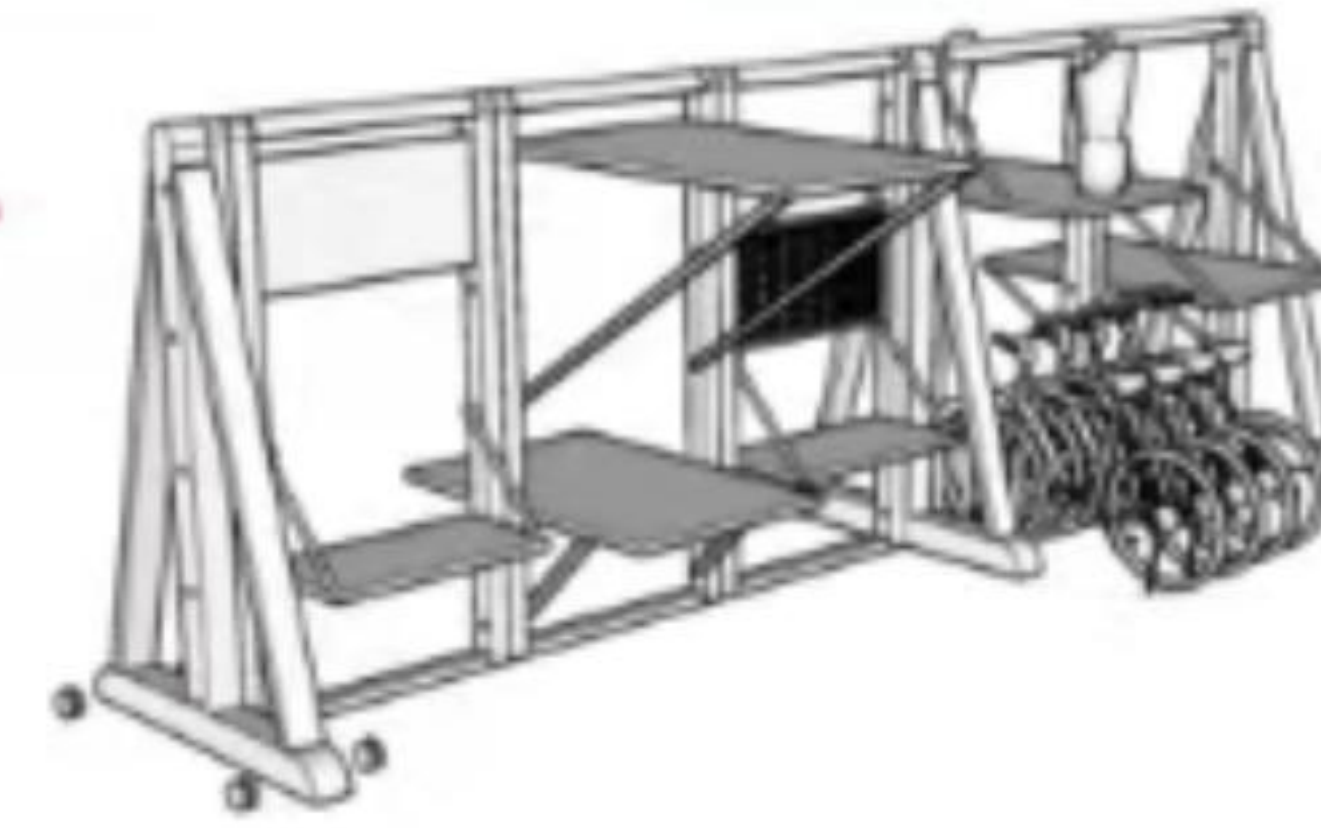
Street traffic problem



Street traffic circulation



ACTUAL SITE ANALYSIS



Module group centralized placement area



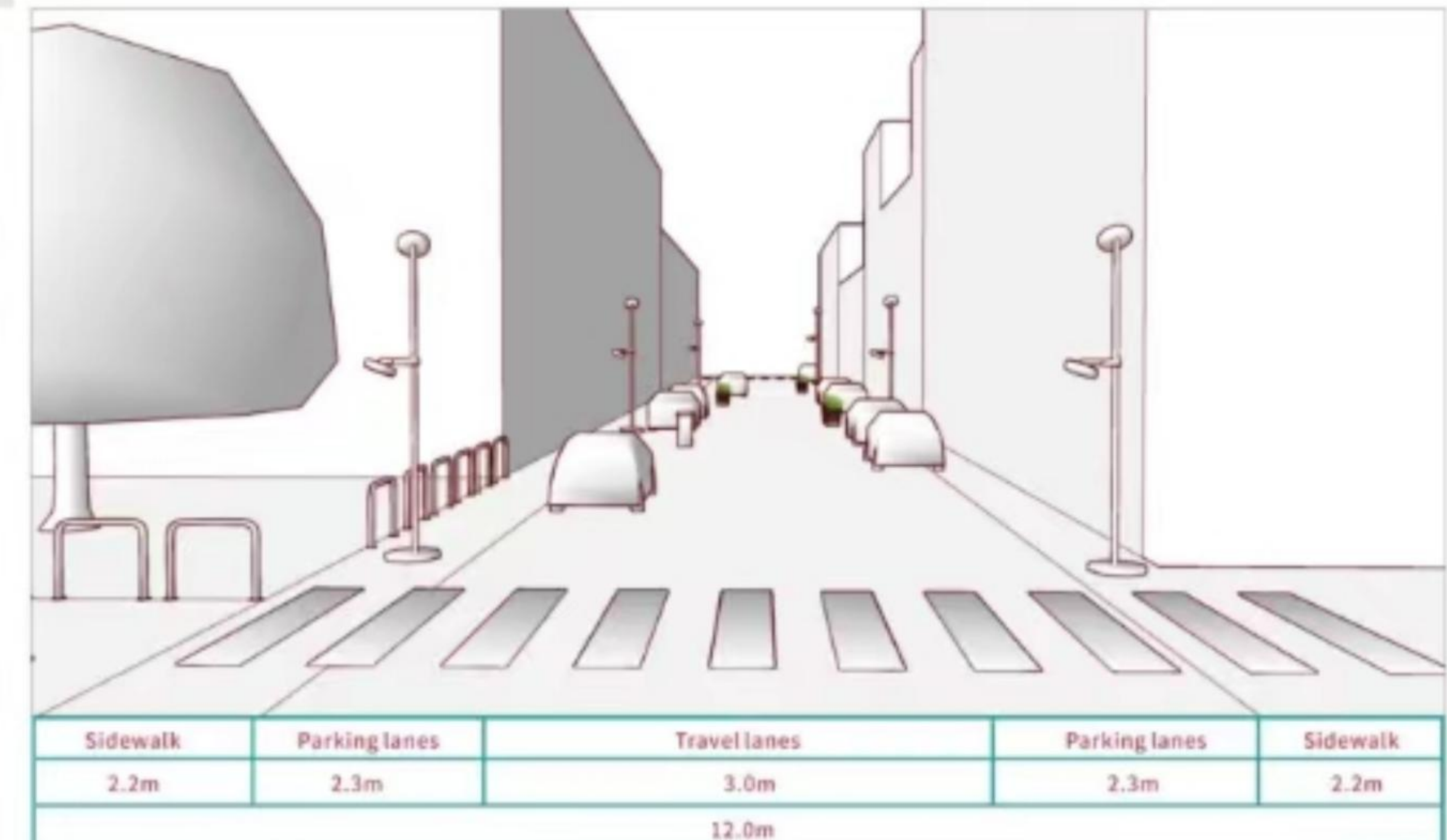
Vicente Lombardo Toledano Park

Small module group placement area

- Analysis of existing problems :**
1. The streets are narrow, and there is both driving and parking, and the sidewalks are narrow, so there is less available space.
 2. The existing rest area covers a large area and is not easy to change flexibly

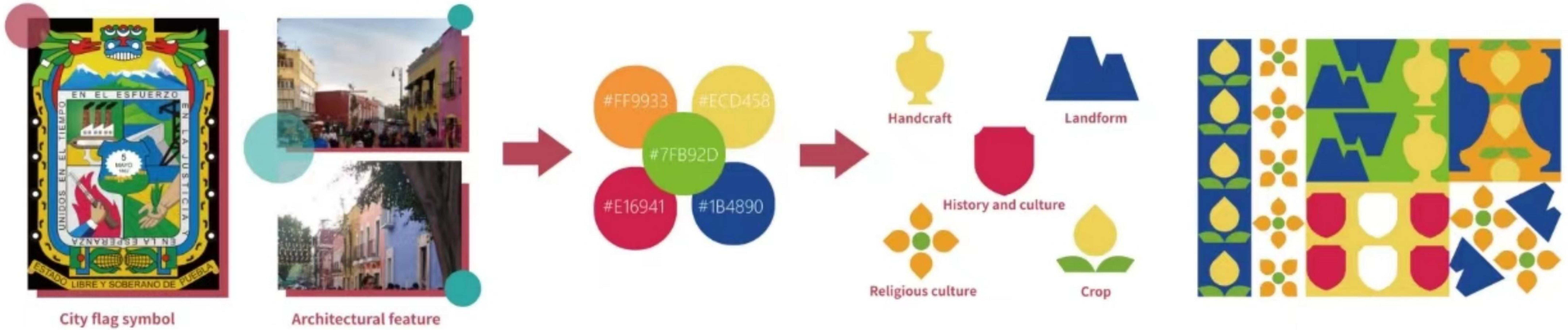
Dense traffic routes

Corresponding resolution strategy:
The modular combination shelf that can be flexibly disassembled and changed is designed, which can be built according to different application scenarios, integrating multi-functions, meeting the needs of different groups of people, and low cost, easy to transport and place.



SOCIAL STRUCTURE ANALYSIS

Symbolic analysis



Population analysis



A total of **122** inhabitants are located
Of which **54%** are women
and **46%** are men

Housing analysis

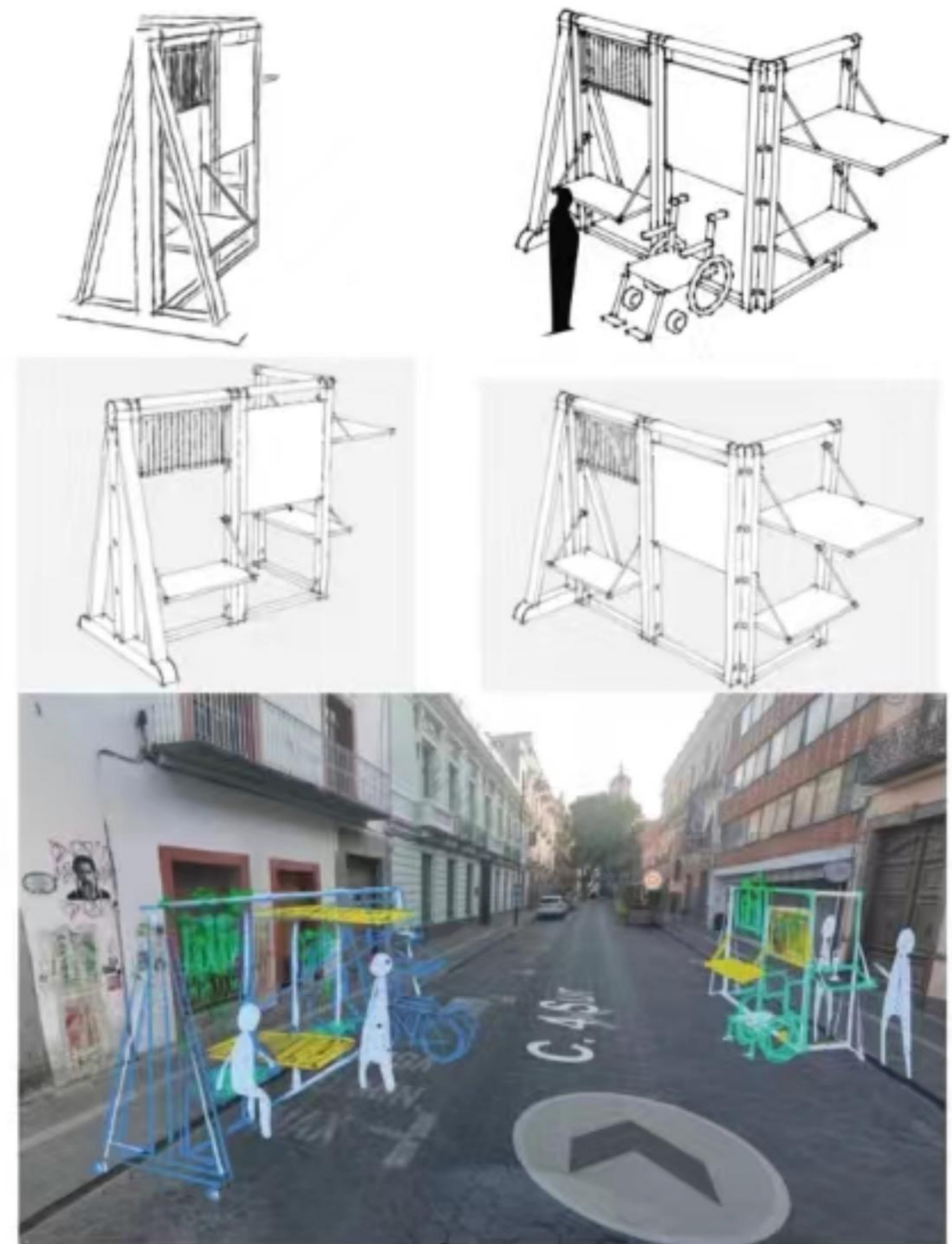
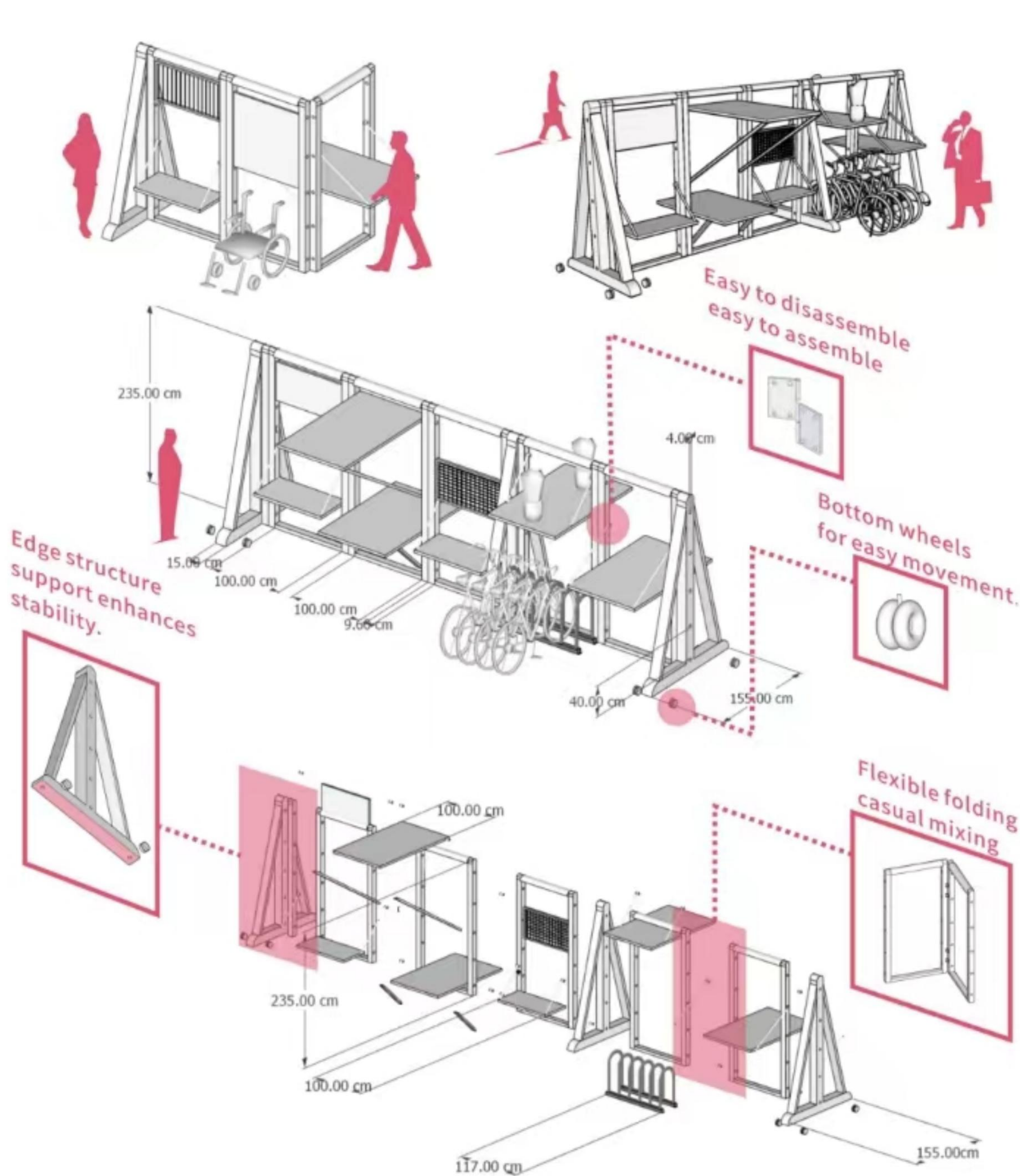


A total of **56** inhabited homes
are located in the area

Economic structure analysis



MODULAR DESIGN



Design Description

This design employs a modular concept, allowing for personalized assembly based on functional requirements and target demographics. The exterior of the device structure is treated with a "hot-dip galvanizing" anti-rust process, suitable for the local subtropical climate and humidity conditions. The device features a flexible structure, with snap-in hinges for immediate connection and double-sided hinge structures enabling 360° folding. Considering the variable traffic flow and diverse passing crowds at the target site, the bottom of the edge stable frame is equipped with universal caster installation

BLOCK STREET

1. Folding seats can provide a resting place for tourists and the elderly. When not in use, the seat board can be folded up, providing convenience while.



2. Puebla City has a large number of bicycle users, especially in crowded streets, which require the establishment of centralized bicycle parking points for the convenience of the public and tourists.



BLOCK STREET

3. The street slack soil, but various green plants can be flexibly placed in module combinations to purify the air while adding vitality to the environment.

4. The streets are inhabited by elderly and disabled people. The module combination is designed with a wheelchair sorting area, which can be used to place it.

5. The modular composite board can be erected laid flat, or rotated freely, so the board can also become a promotional area for art posters.

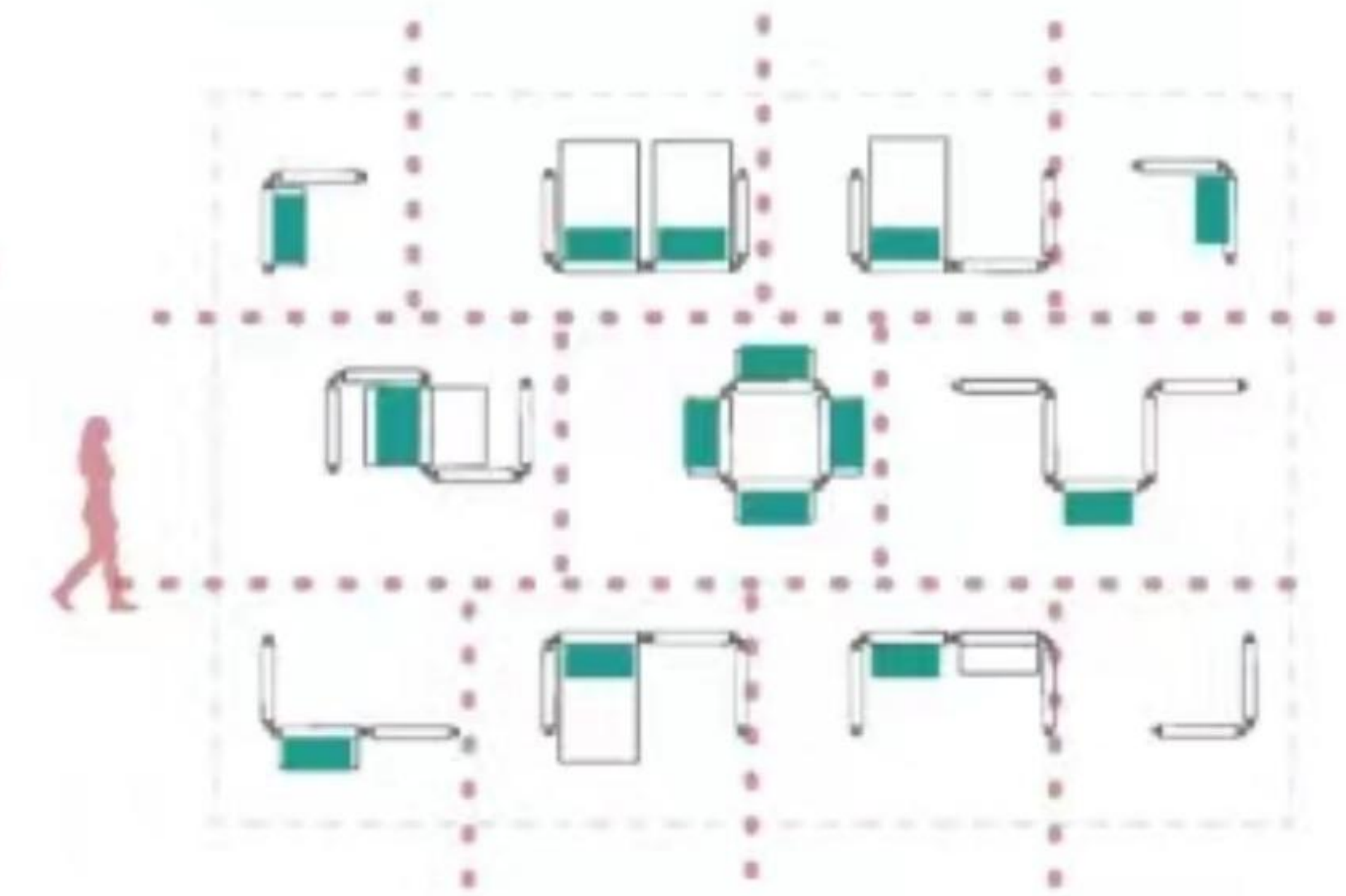


BLOCK STREET

In this integrated module combination area, we can create any scene as needed. It can be a market for selling exquisite handicrafts; It can be a mobile booth at a local art gallery or museum; It can also be a gathering place for local food festivals; It can also be a seat that provides a resting space for people; It can also be a creative marketplace for tourists, residents, and merchants. It is a "mobile Rubik's Cube" that combines commercial, artistic, entertaining, and practical aspects.

The cleverness of multi module combination lies in its ability to adapt to different scenarios as needed anytime and anywhere, providing convenience for our community life. The combination and arrangement of modules are well connected, allowing people to freely shuttle through any row or column of space, and enjoy a panoramic view of countless scenes. This display method is not only conducive to the display and sale of various products, but also provides people with more life information and cultural exchanges.

- booth
- flow line



PROJECT CONCEPT GOAL

The modular design has the advantages of easy installation, easy disassembly, easy combination and reusable, and implements the concept of sustainable development. Through the small volume space constructed by modules, the efficient use of public space can be achieved, social space can be provided, community vitality can be improved, economic development and cultural exchange can be promoted.

