

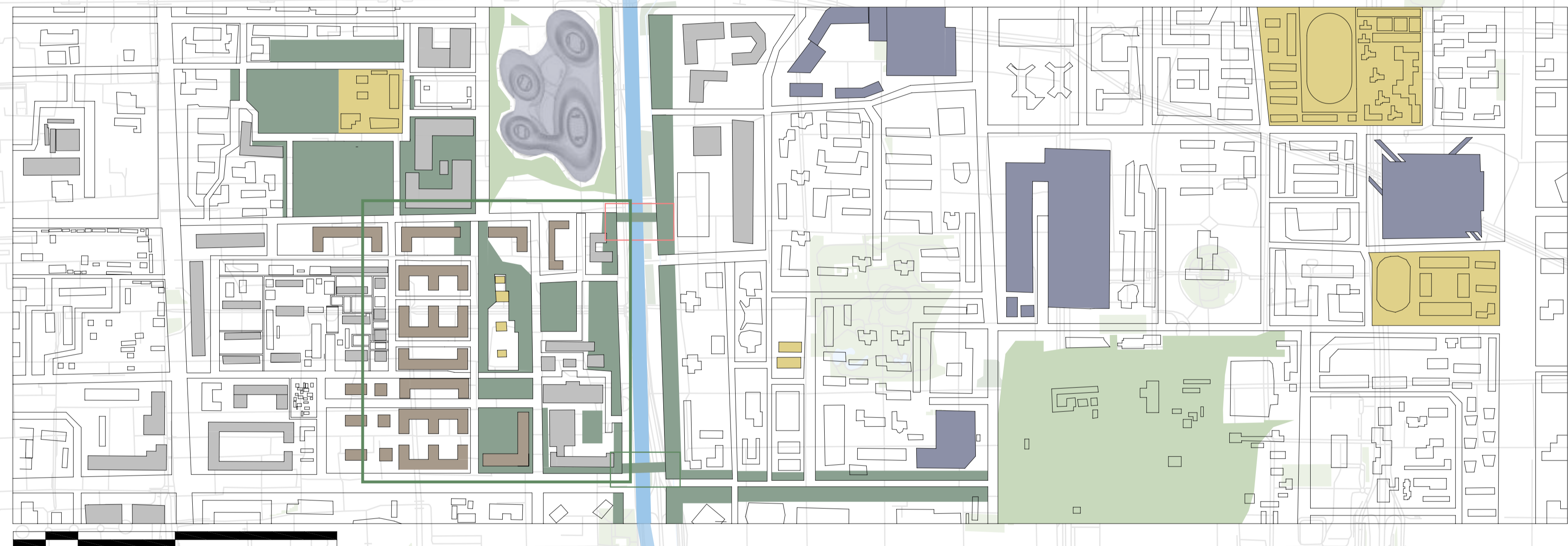
URBAN PROJECT - BEIJING

CURRENT URBAN SITUATION

Residential areas in Beijing struggle with a shortage of public green spaces, which limits recreational opportunities and impacts environmental health. Additionally, the lack of cohesive urban planning has led to mixed land use conflicts, where residential, commercial, and industrial zones overlap and cause disruptions. Many neighborhoods also face outdated infrastructure, ranging from inadequate utilities to insufficient



Community Open Spaces, Ecological Landscapes, and Blue-Green Infrastructures enhance urban areas by fostering social interaction, mimicking natural ecosystems, and managing water sustainably. Integrating parks, plazas, native plants, and ancient canals supports biodiversity, reduces heat islands, and improves environmental quality.



The proposal envisions a detailed and comprehensive green corridor that seamlessly connects existing parks on the right side of the window with the newly created park surrounding the school. This network of green spaces and pathways allows both animals and humans to move freely throughout the city without ever leaving the green environment. The concept is designed to be applicable city-wide.

I focused on redesigning the green-circled area, which has the least number of important buildings that cannot be removed. Its strategic location, positioned between two green areas and adjacent to educational facilities, makes it an ideal spot for a mixed-use residential area. To optimize space, I eliminated the cluttered small houses that neither provided sufficient housing nor allowed for community green gathering spaces. This redevelopment has created room for more residents and ample community spaces.

The ancient canal running under the main street (marked in blue) now branches off into the residential area. This design reduces the heat island effect in residential zones and enhances living quality. The canals run beneath the streets and, where necessary, surface to form small water pools. These pools not only manage stormwater but also add aesthetic and recreational value to the community.



The street, previously lacking crossing paths and dominated by heavy traffic with minimal green areas, is now centered around human movement with added bike lanes, planting and furnishing zones, and a frontage zone. Additionally, the ancient canals beneath the main street improve the climate, serve as drainage for stormwater, and enhance the aesthetics of the area.

BEFORE

AFTER



The proposal includes green bridges that span busy main streets. These bridges not only provide safe passage for pedestrians and wildlife but also serve as communal parks and gathering spaces.



commercial use of residential buildings groundfloor

