



# Portfolio

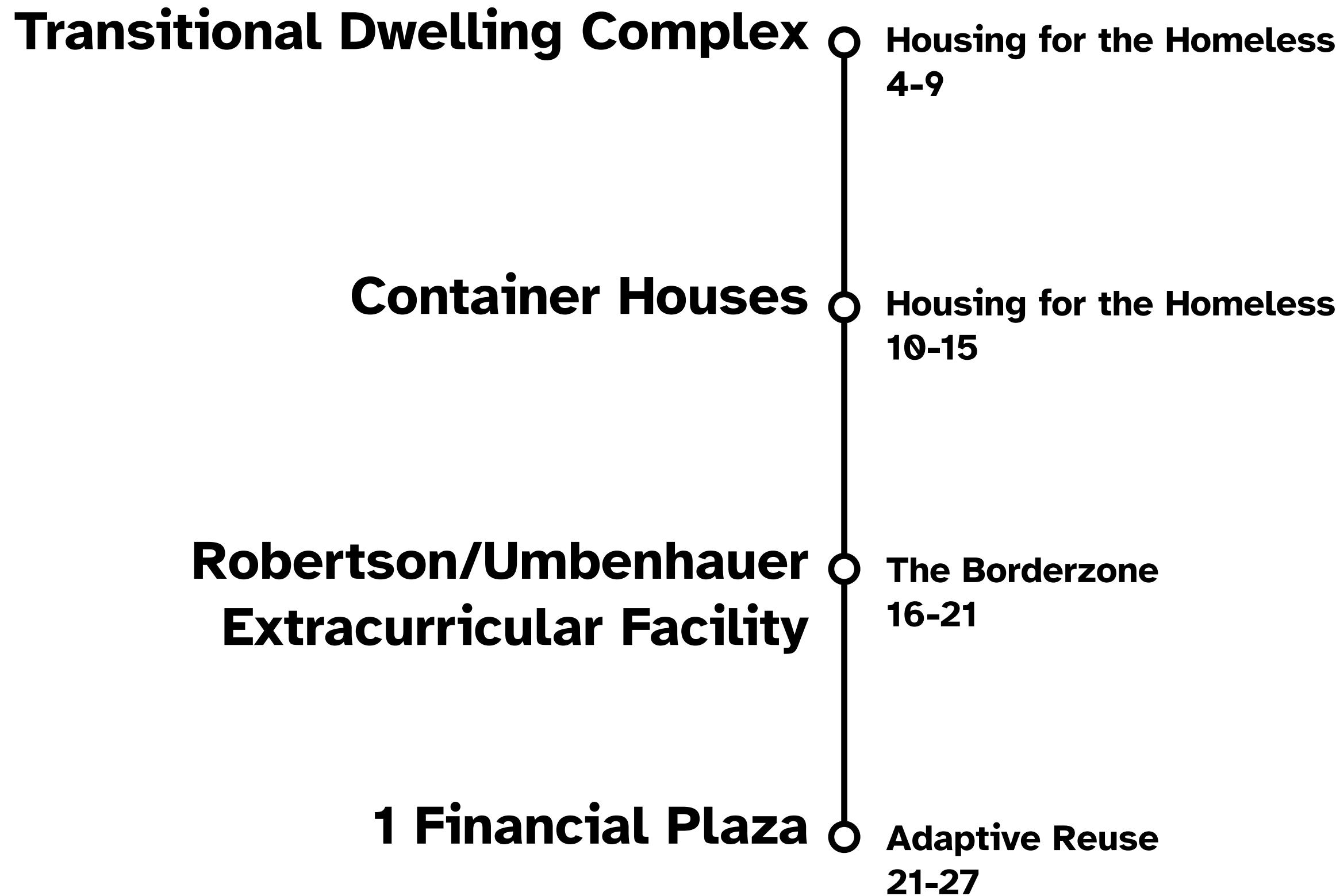
Anh Nguyen  
2024

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Day Render

Unreal Engine + Rhino + Grasshopper

# **Transitional Dwelling Complex**

## **Housing for the Homeless**

In partnership with the state of Rhode Island, the project aims to explore transitional dwelling units as a means to combat the homelessness crisis in Rhode Island. The goal of the project, prompted by the state, is to explore and experiment with an efficient minimal housing block suitable for medium to long-term stays.

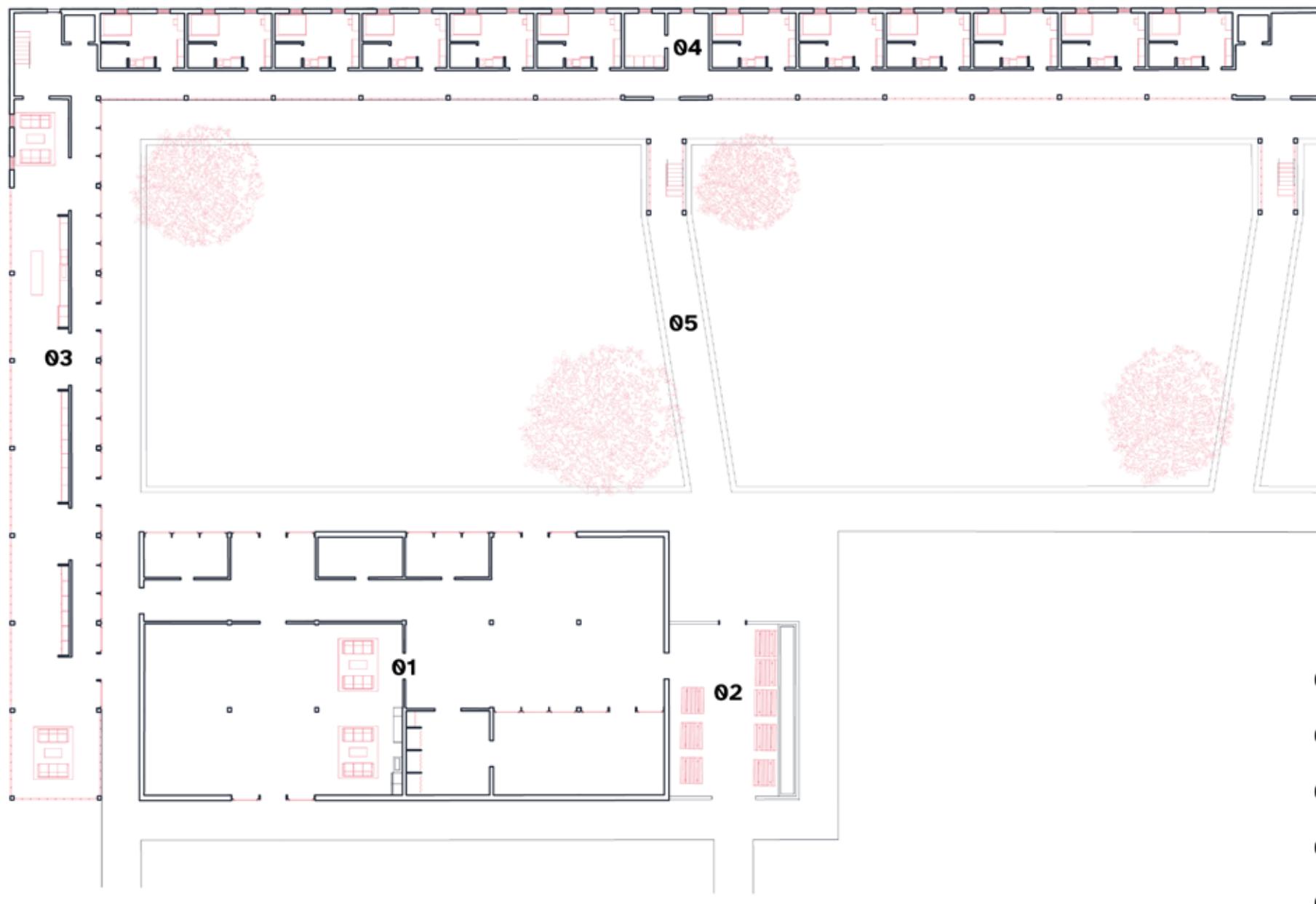
In addition to the stated goals from the state, the project explores an additional program of a shelter attached to the transitional dwelling units. This new program seeks to reduce the time people spend on the street while waiting to be welcomed into the program.

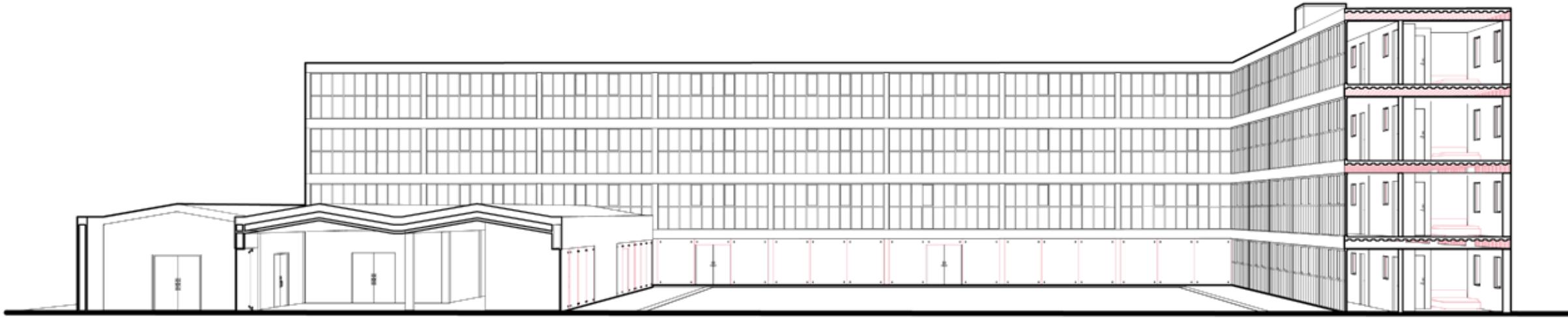


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Night Render

Unreal Engine + Rhino + Grasshopper







Transitional Dwelling Complex

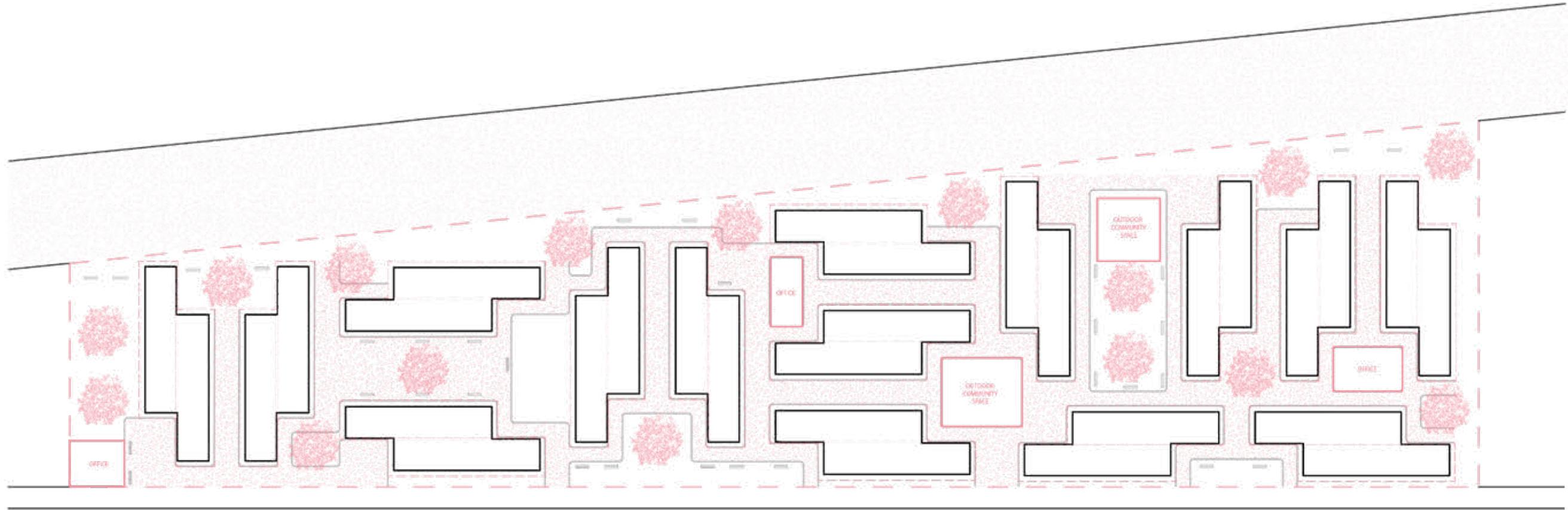
South Elevation



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Render

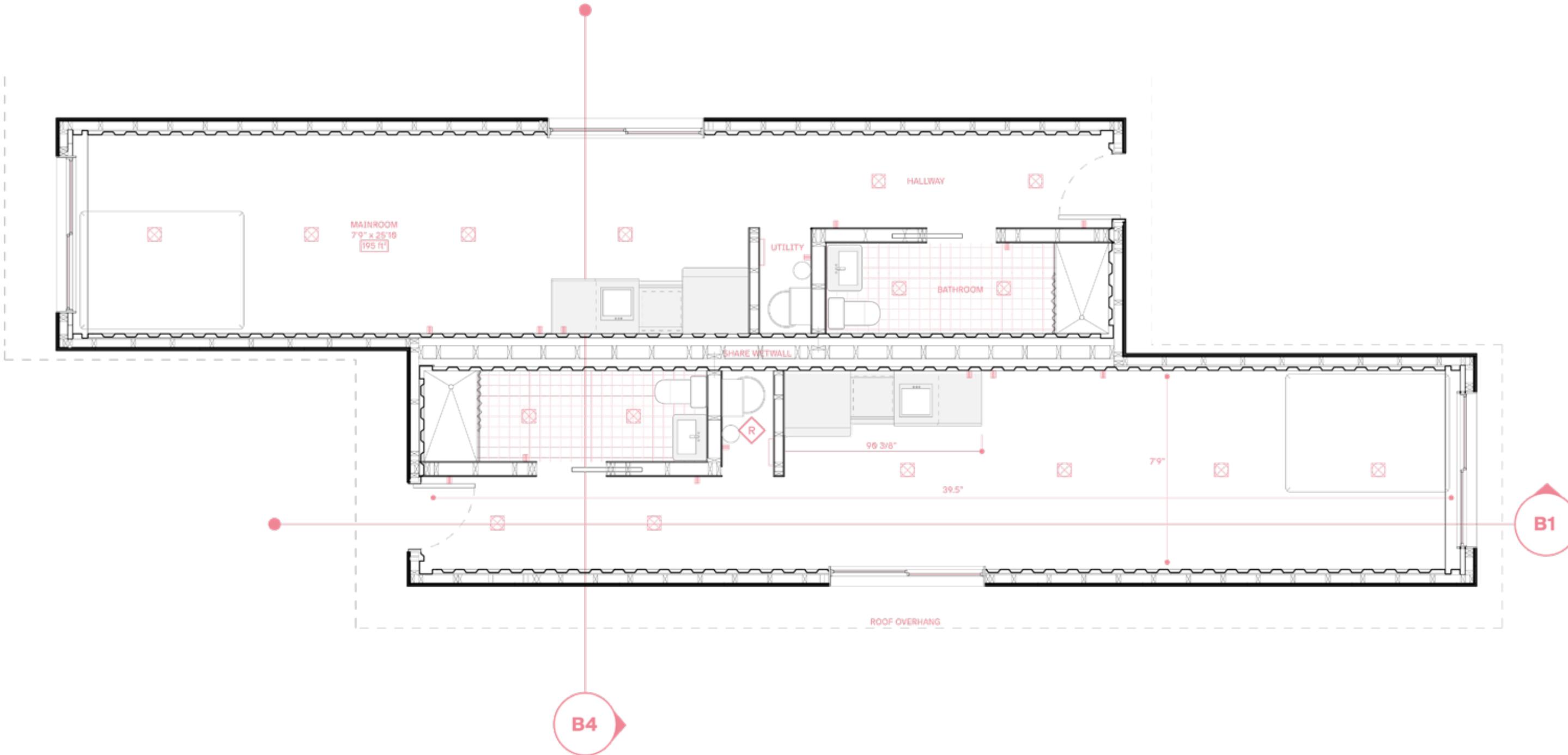
Lumion + Rhino + Grasshopper

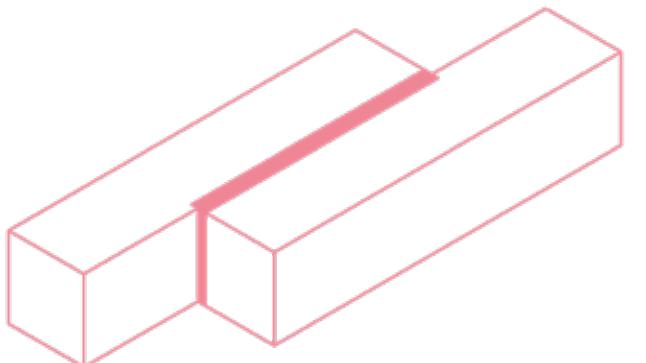


## Container Houses Housing for the Homeless

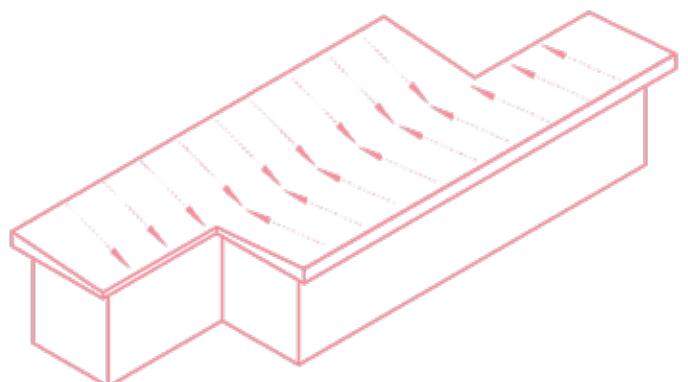
Continuing with further inquiries from the state, this project is a request from the Governor on the potential of container boxes for efficient low-cost dwelling units.

The project, with the aim of being efficient and sustainable, employs a range of sustainable building techniques like highly insulated walls, shared wet walls, and passive water collection.

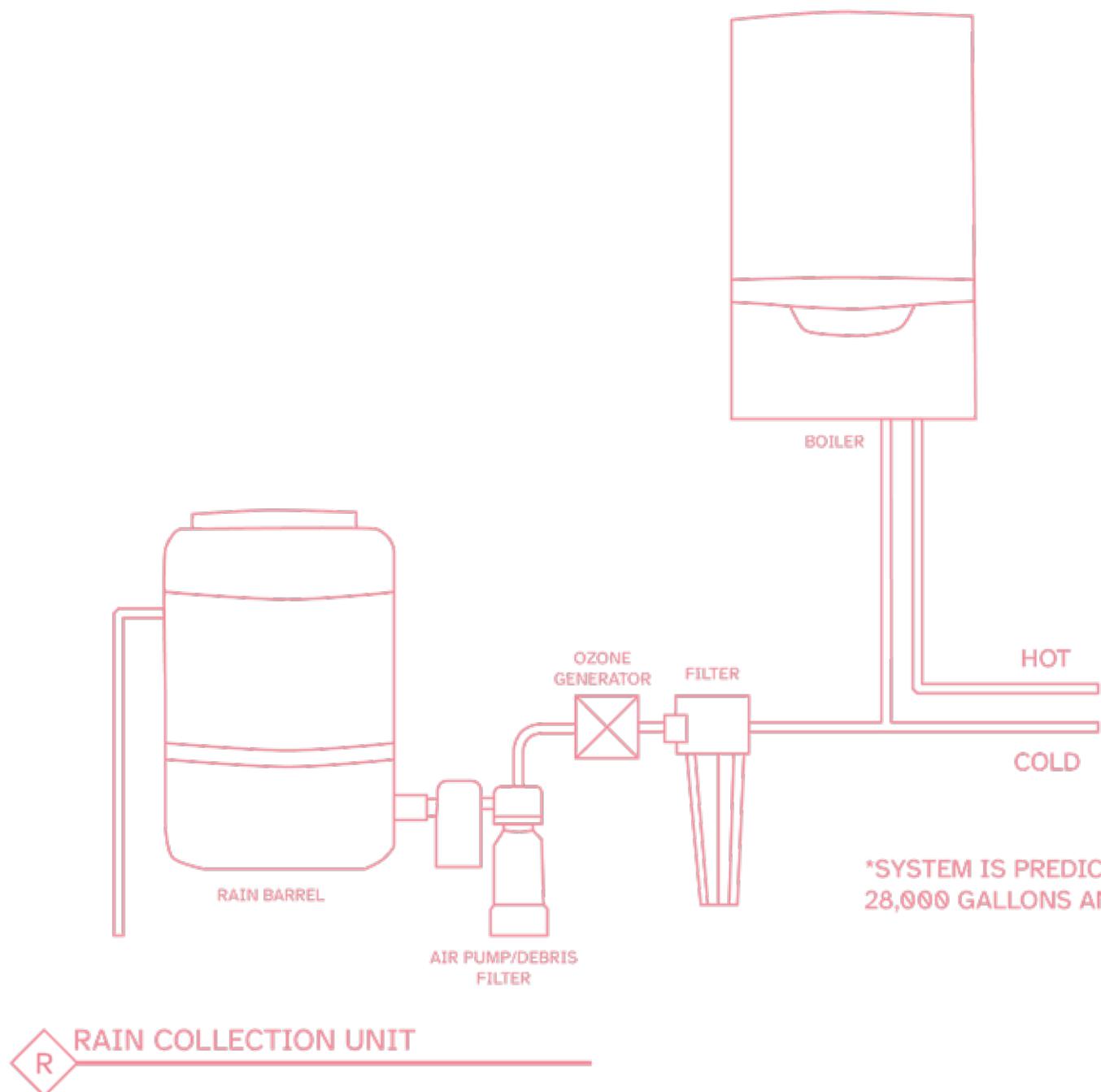


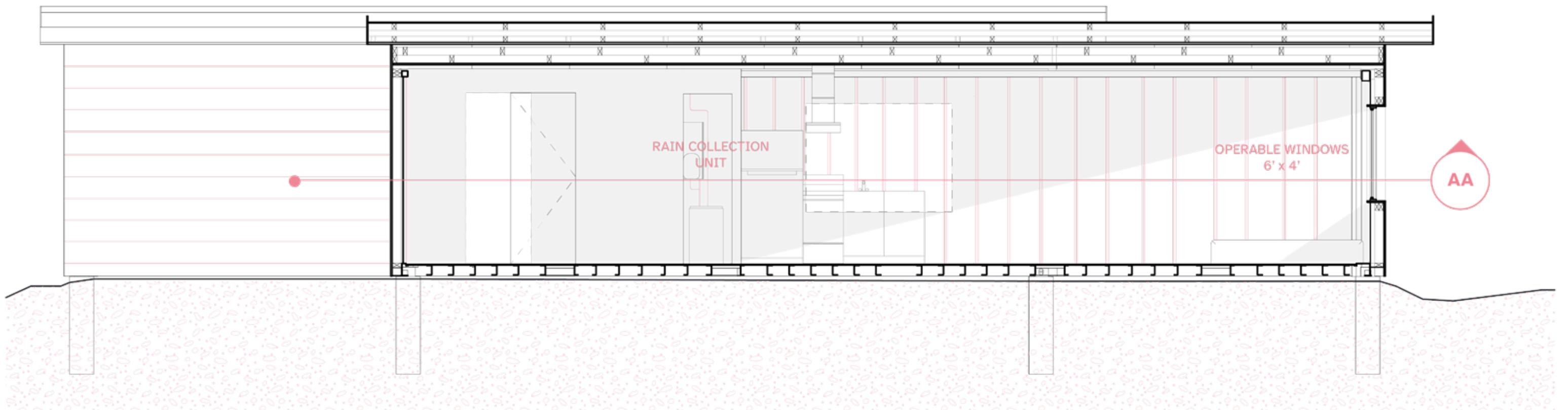


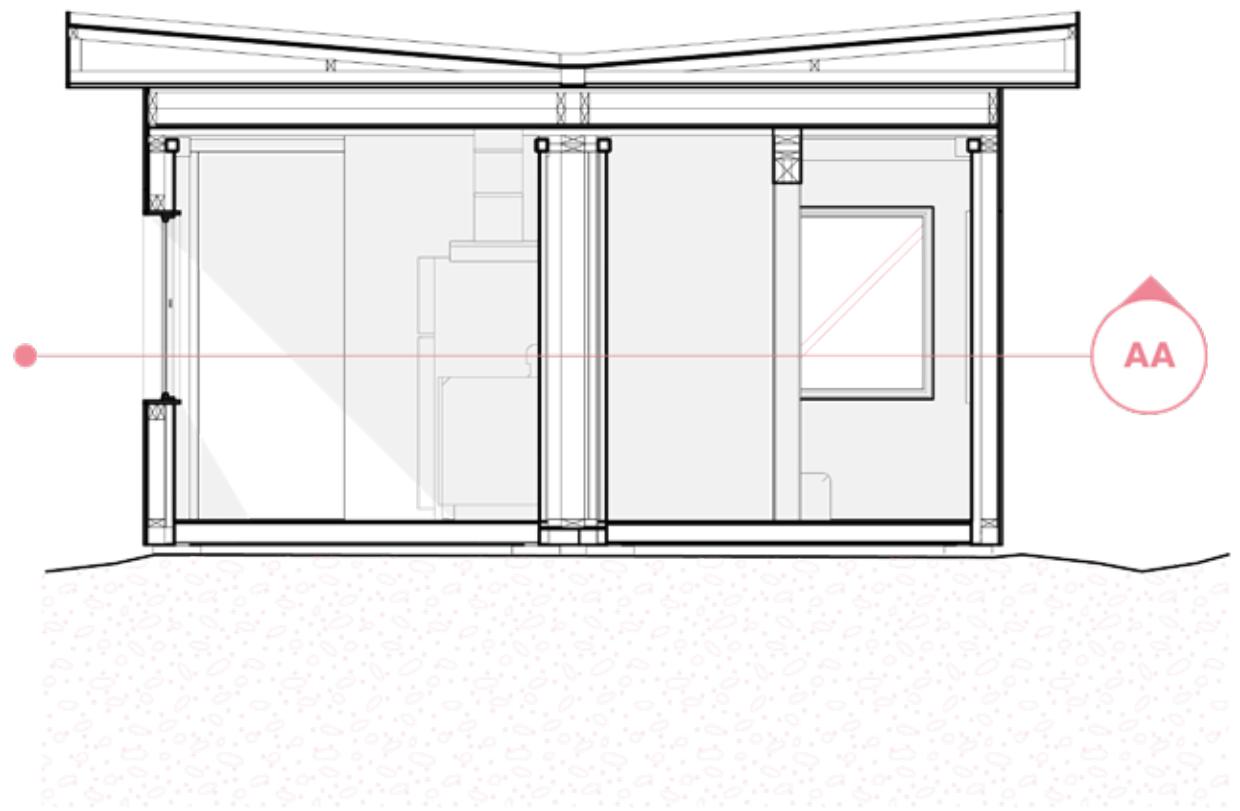
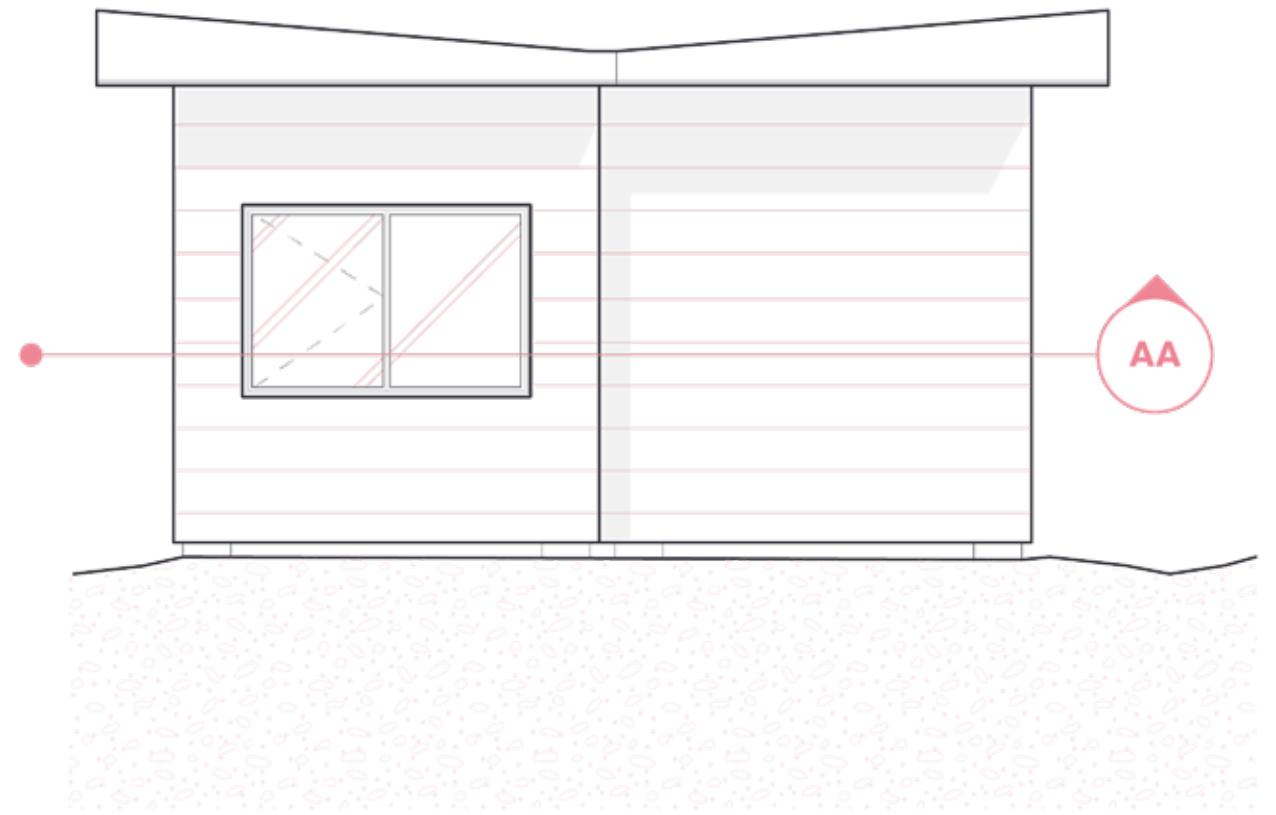
SHARED WETWALL

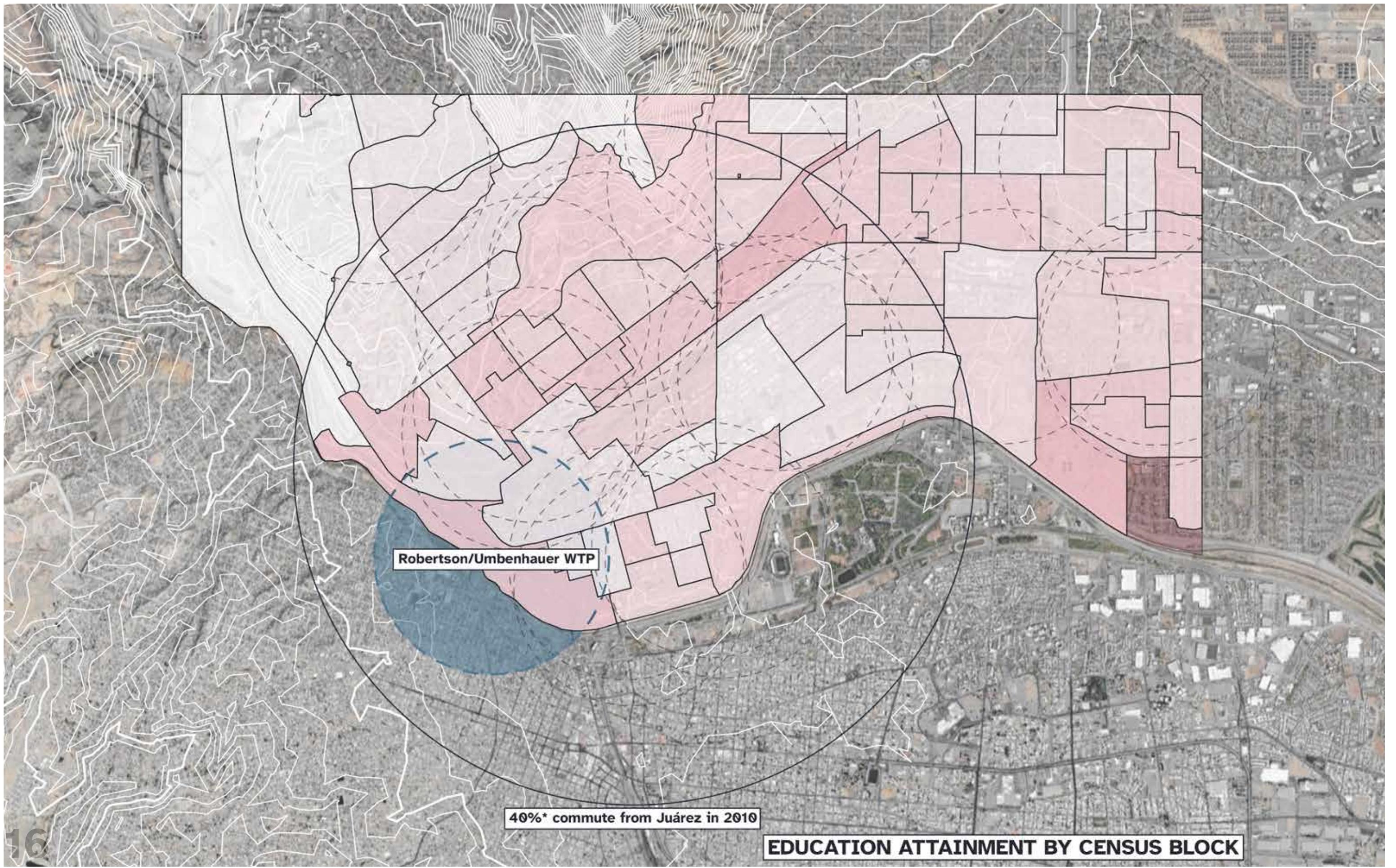


ROOF SYSTEM







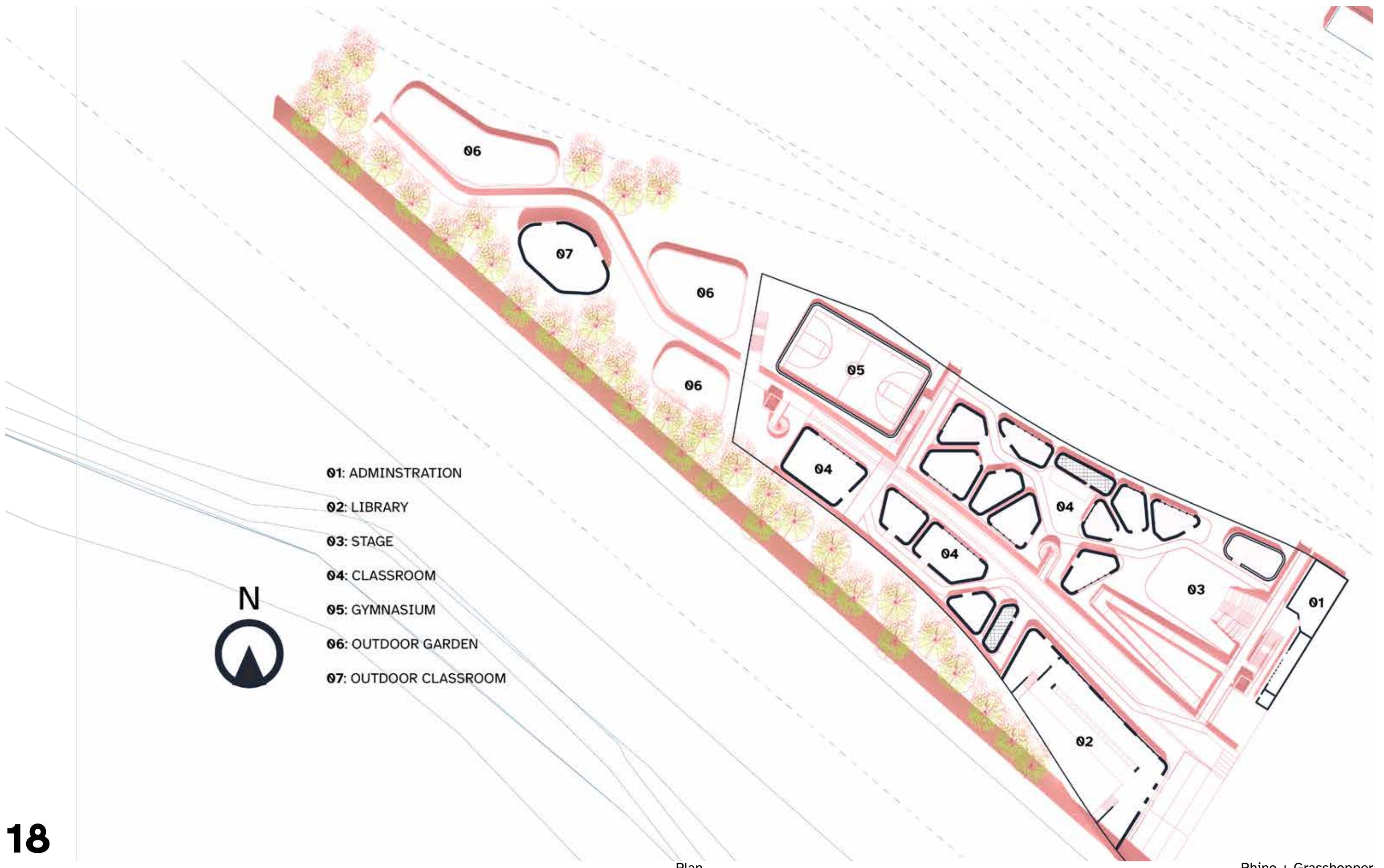


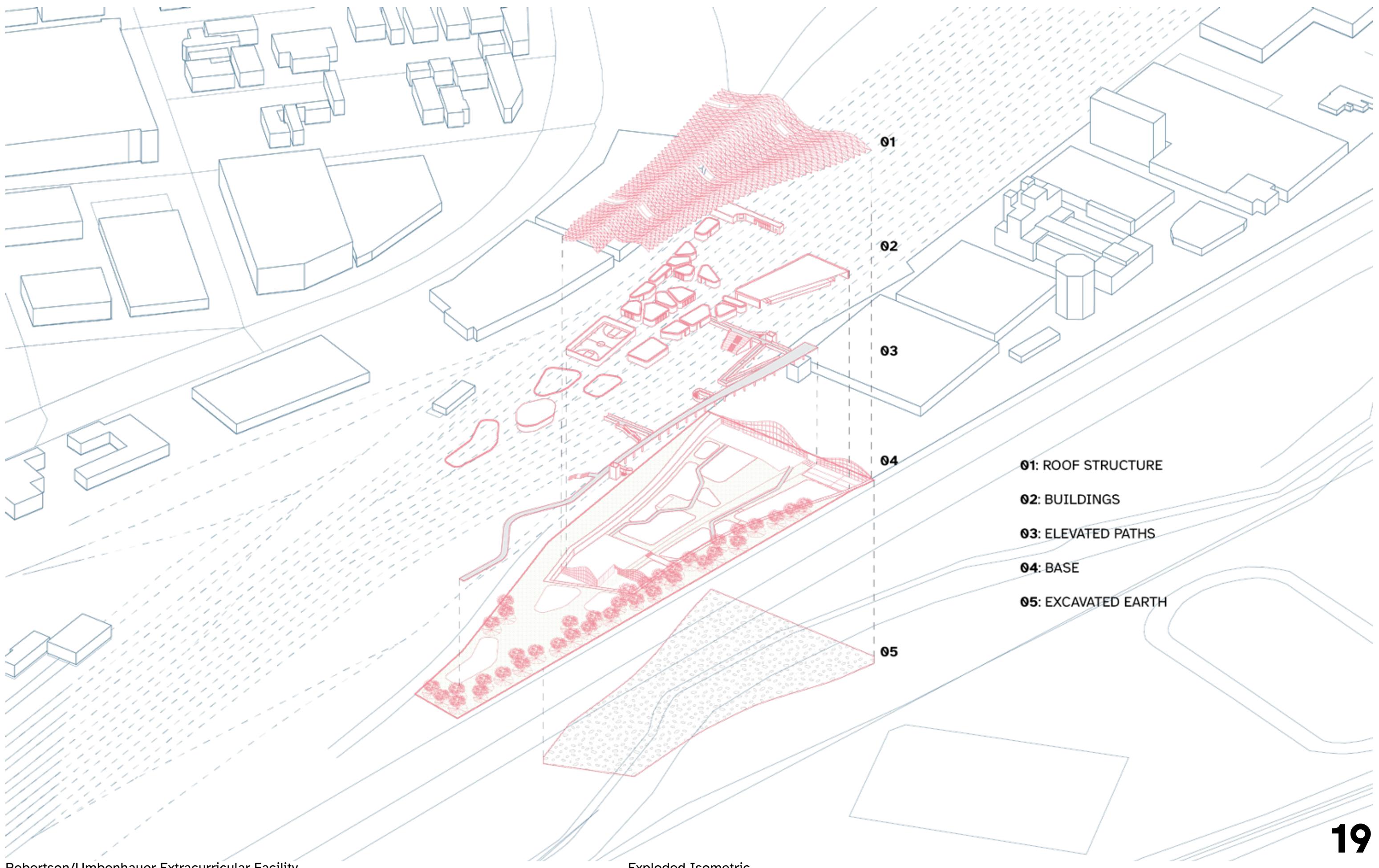
# **Robertson/Umbenhauer Extracurricular Facility**

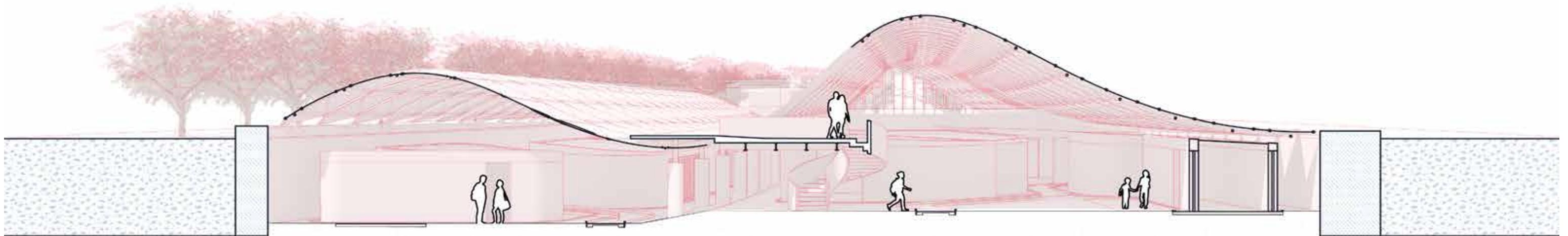
## **The Borderzone**

According to the United States Census Bureau in 2022, there is a significant dip in educational attainment for children aged 18 or younger. This trend is further exaggerated in neighborhoods near the US/Mexico border. The project, in partnership with TTU at El Paso, develops both a housing scheme and a new typology in the border zone.

The Robertson/Umbenhauer facility is a water treatment plant at the border of El Paso and Juarez City. This plant, which is a major water source for El Paso, but operates only for half of the year. The project is an insertion into the existing industrial landscape, with the aim of closing the educational attainment gap between El Paso and the rest of the United States.



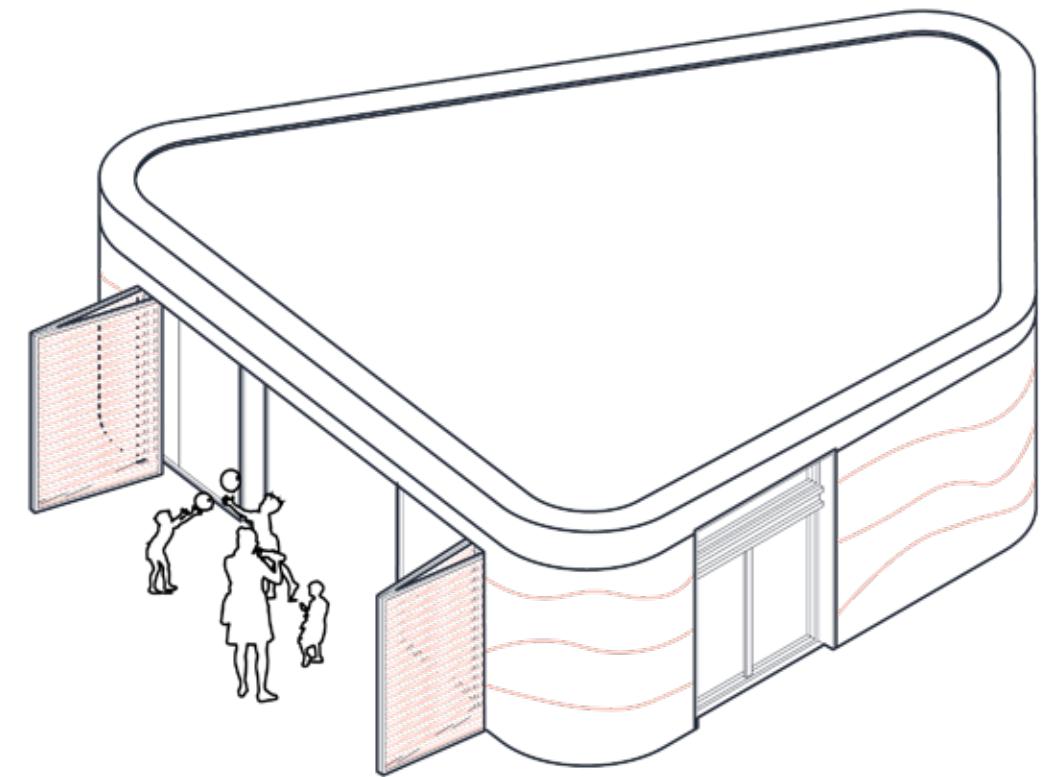
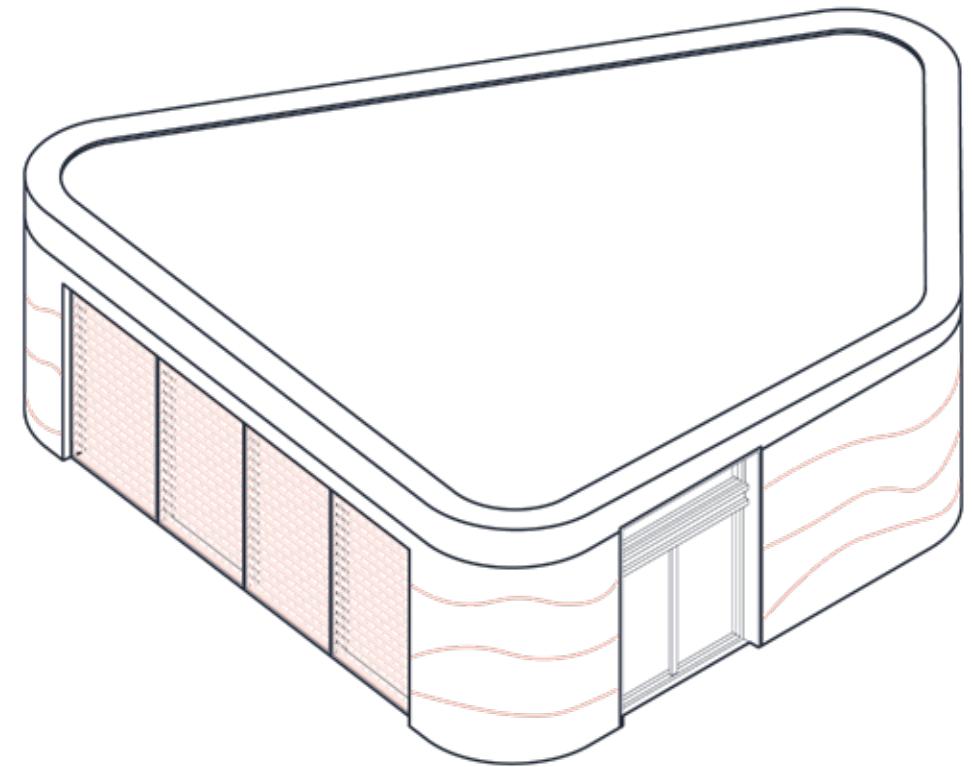
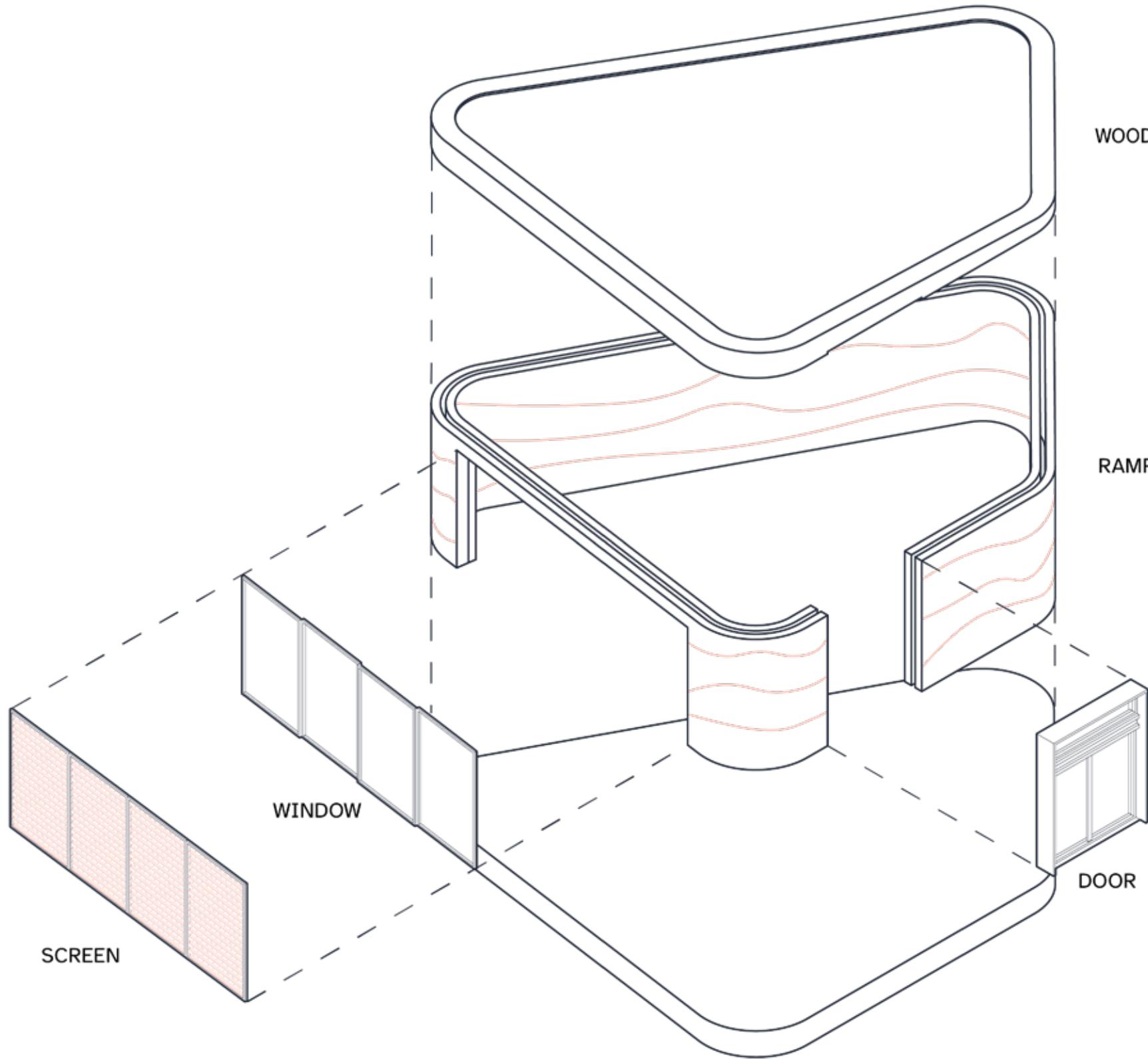




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Short Section

Rhino + Grasshopper





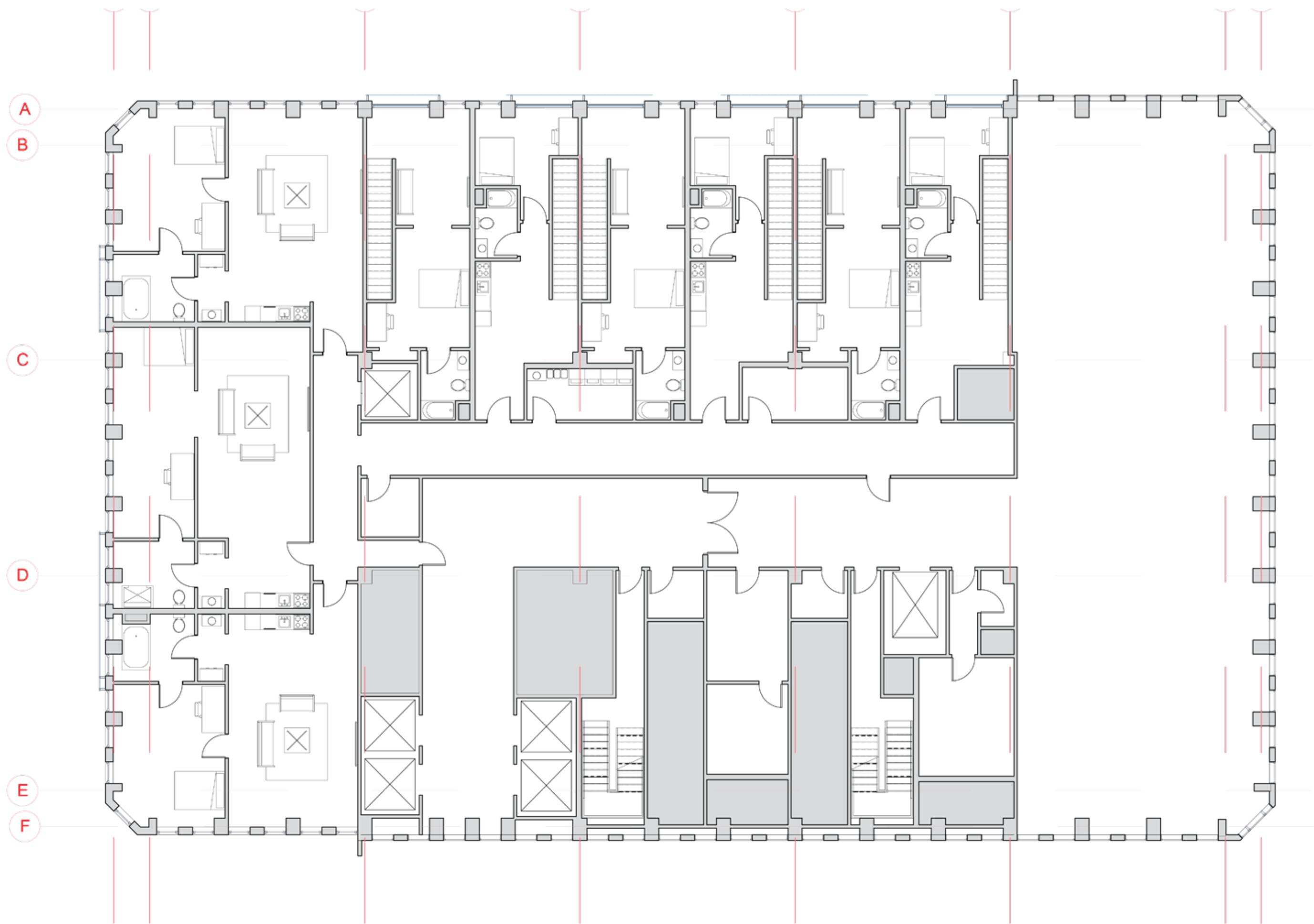
Overlay Rendering

# **1 Financial Plaza**

## **Adaptive Reuse**

1 Financial Plaza is an iconic part of Providence's skyline. A mass of travertine and concrete, the building was constructed in 1970 and today stands as the second-tallest building in the city. Unfortunately, today the building, along with many office buildings, experiences a surge in vacancy rate.

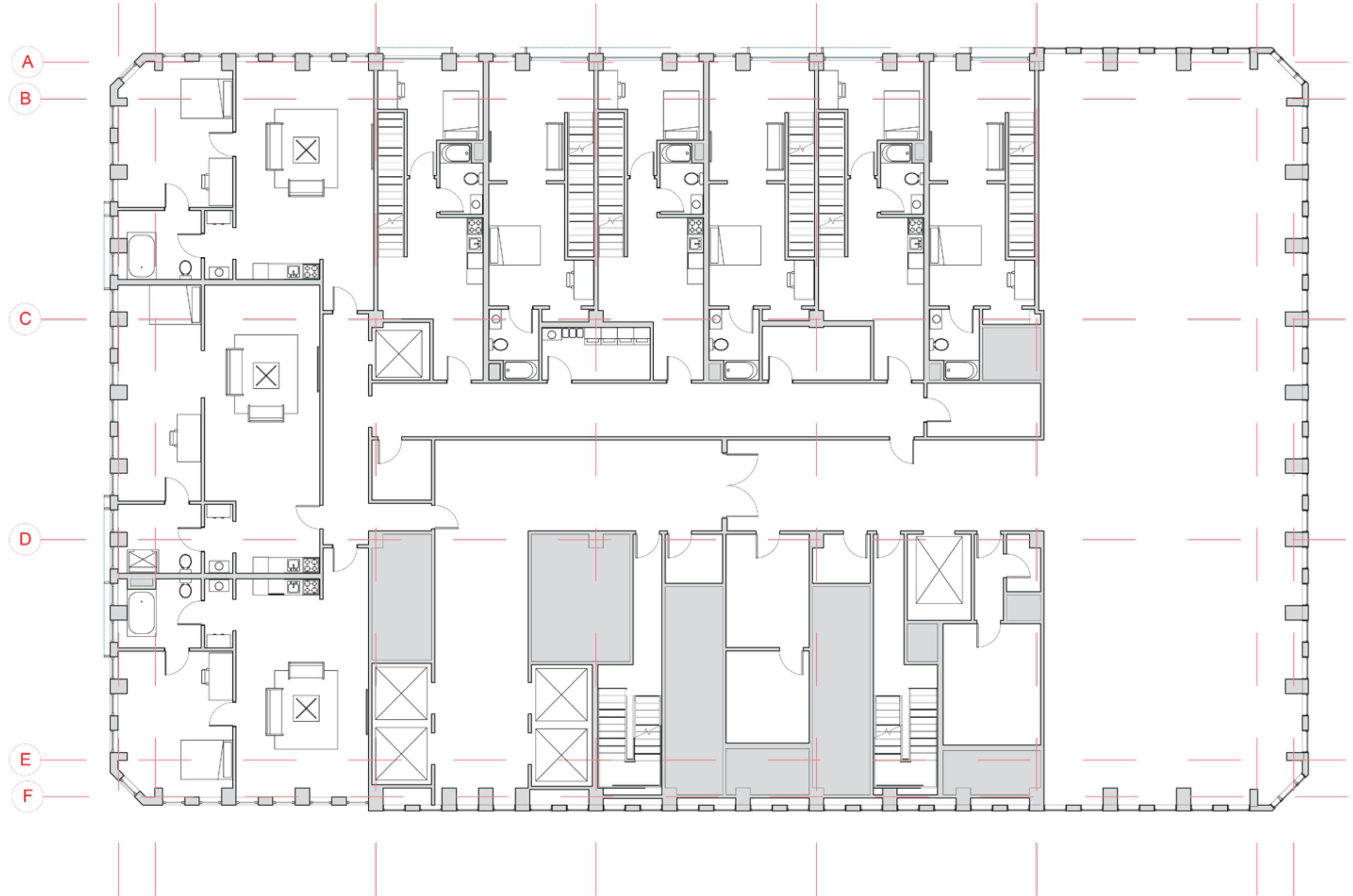
The project is an exploration in adaptive reuse, converting half of the floors (2-10) into a mix of existing office space and new residential units. This peculiar mix of programs is an experiment in the relationship between work and home, and the new typology created from merging the two.



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2nd Floor Plan

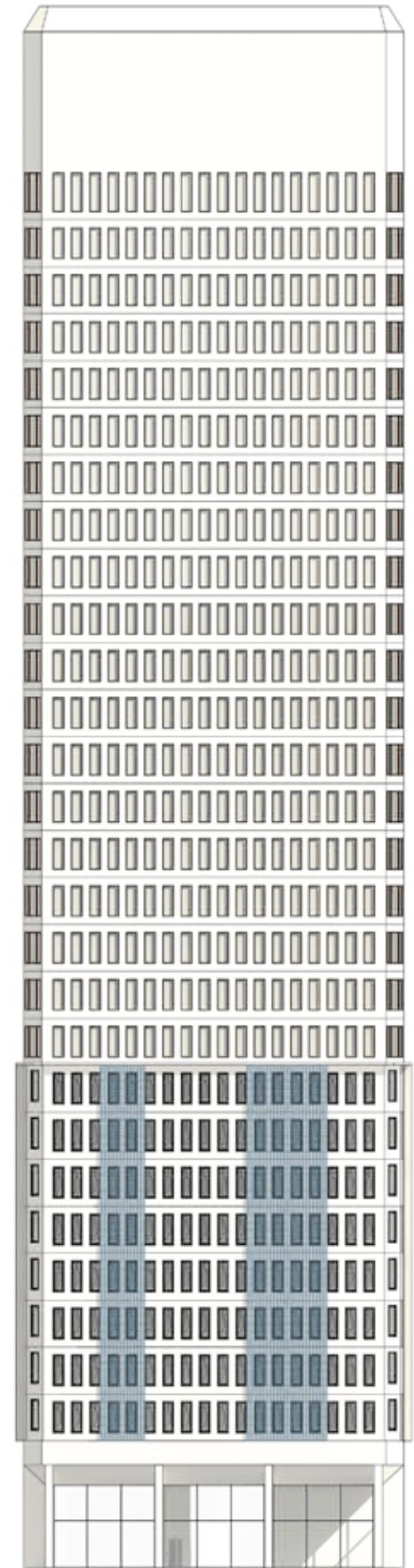
Revit



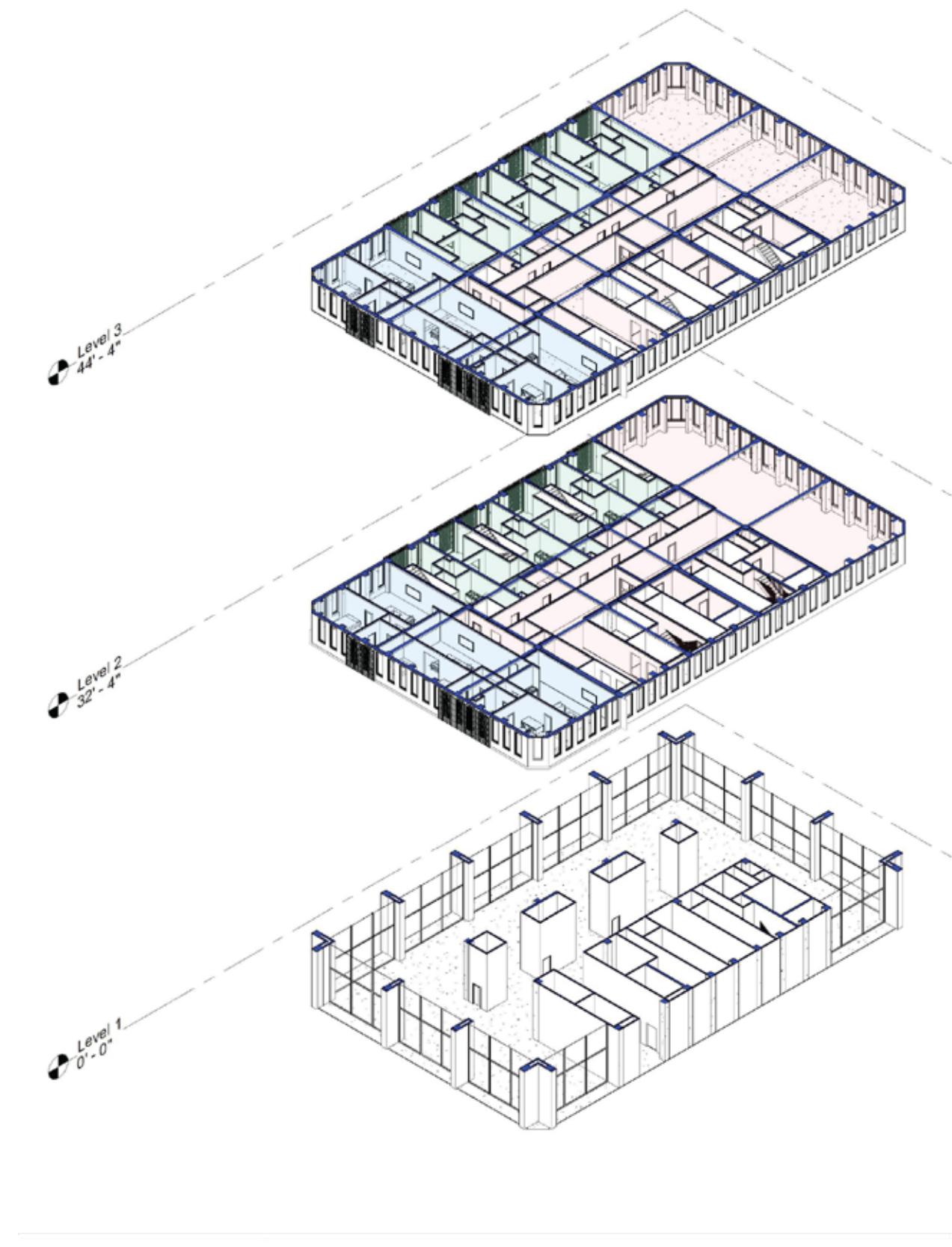


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West Elevation

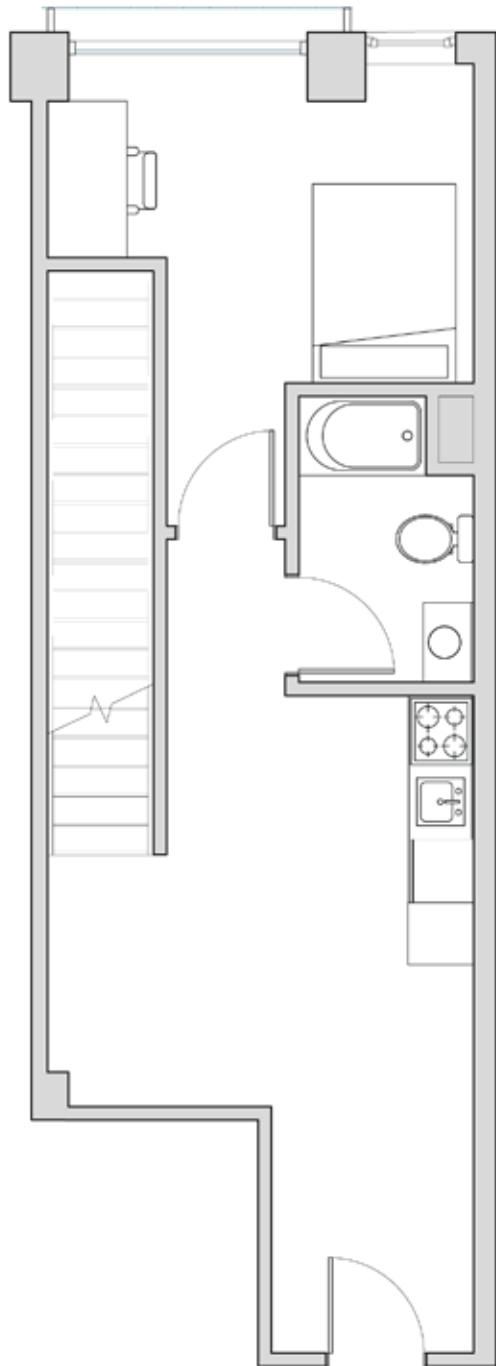


South Elevation

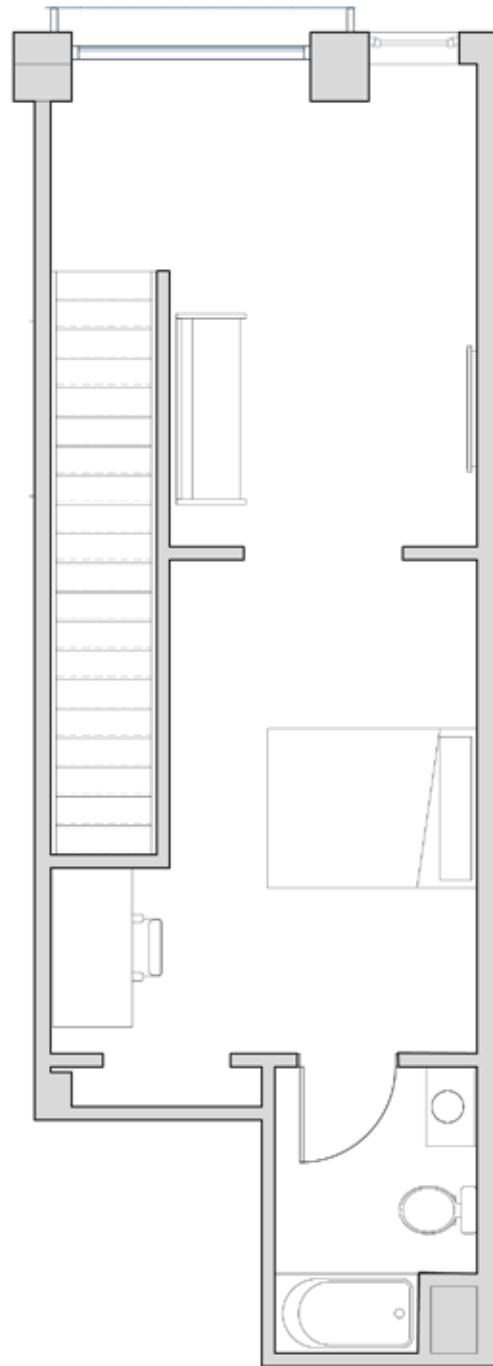


Elevations + Axonometric

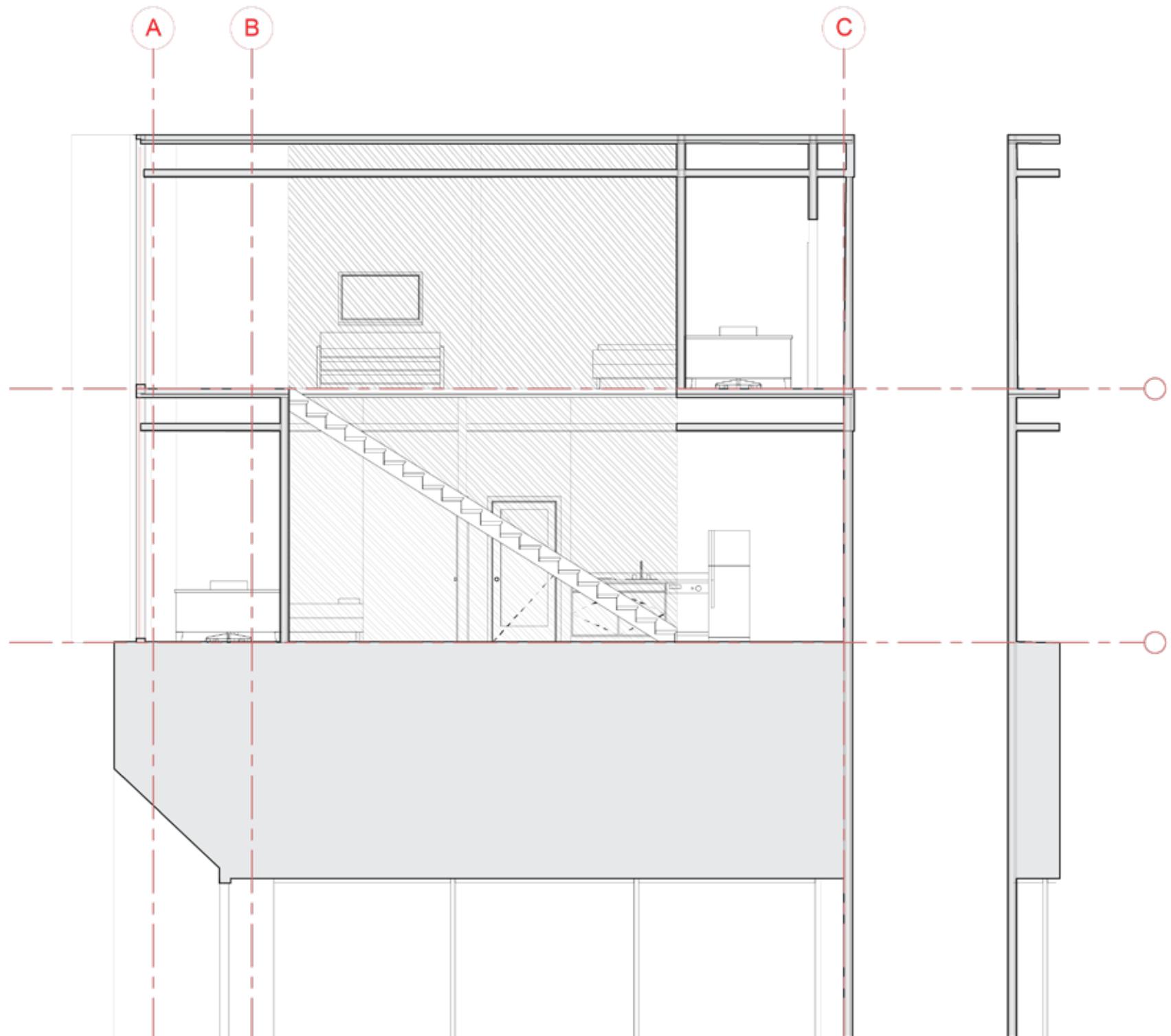
Revit



Room Plans



Unit Drawings



Room Section