## **MODULE COMPLEX**

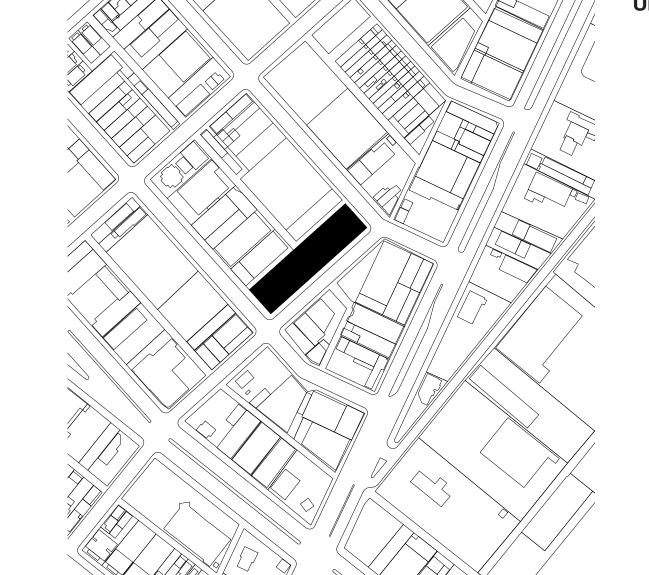
## DANIEL PEMUELLER Instructor: Jaime Sanz

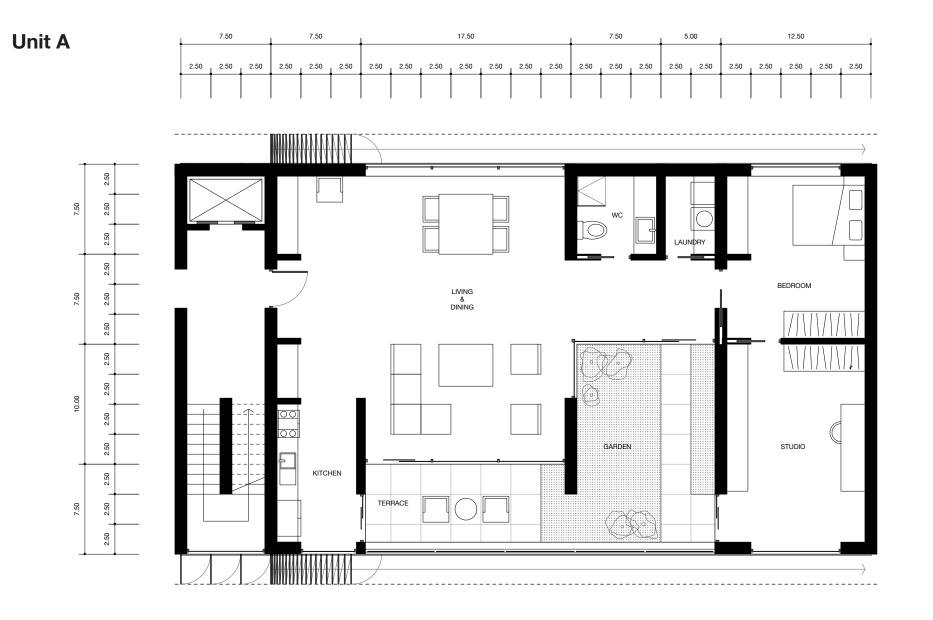
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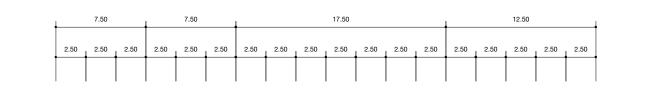
Situated in Richmond, Virginia, this housing complex aims to create a sense of community in a place where this atmosphere is not so apparent. The plot of land on which the project is located lies in between a parking lot and utility stores. The challenge of this project was to create a welcoming atmosphere that makes people want to live in the area. In designing such a place, it is important to bring a strong sense of community. There are three components that create such an environment: to live, to work, and to rest, together. The complex's design allows this by providing a series of communal areas throughout its 13 stories, including a library, gym, terrace, conference room, and pool area. Perhaps the most distinguishable feature of the building is its façade, which is made up of a series of movable panels that allow for each apartment to have its right amount of privacy throughout the day, while also allowing them to be open towards the outside.

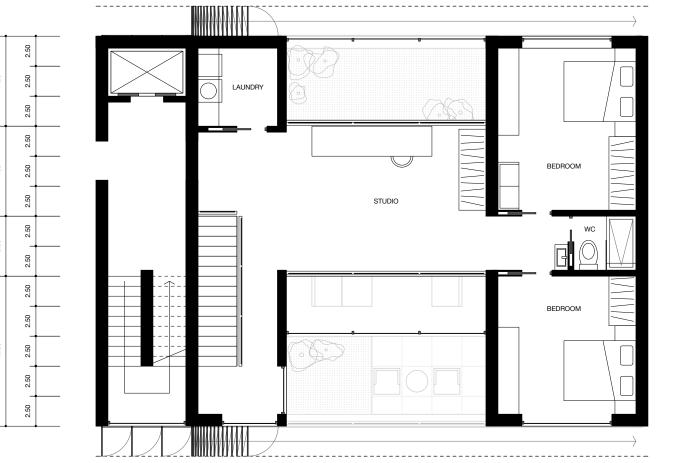
The building comes with two types of apartments, Unit A and Unit B. Unit A has one floor, one bedroom, and one bathroom. Unit B has two floors, two bedrooms and two bathrooms. To complement the core idea of having a living, working, and resting space all in one place, each unit type comes with a living and dining area, kitchen, laundry room, studio, and a balcony with its own terrace and garden.

Total Units:	42 (A = 24   B = 18)
Unit Area:	A = 1,625 sq. ft. $ B = 2,437$ sq. ft.
Building Floor Area	9,262 sq. ft.
Built-Up Area:	129,390 sq. ft.

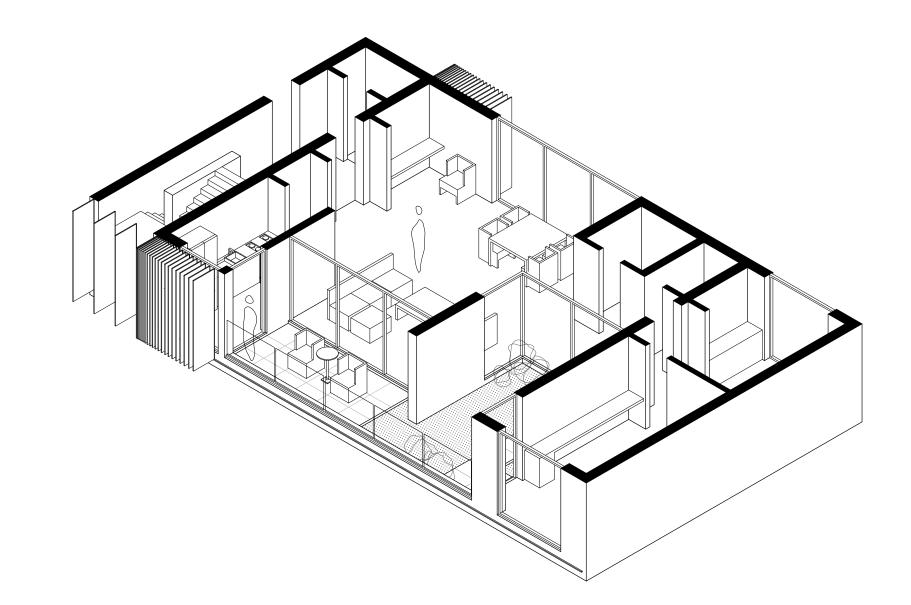


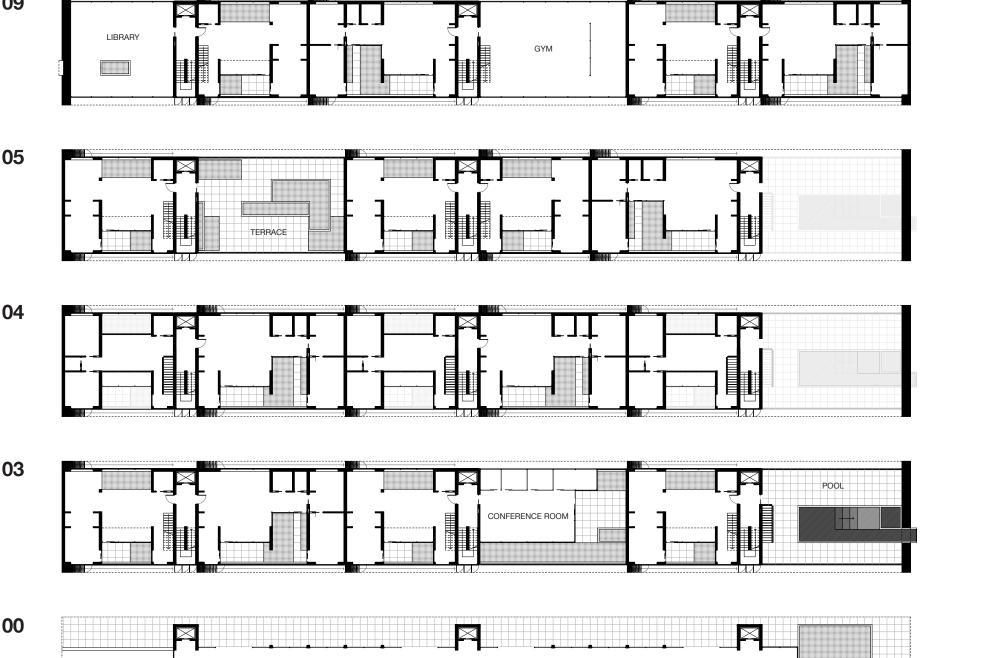


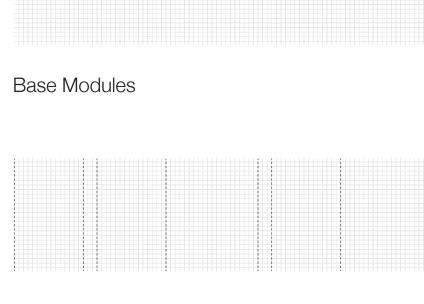


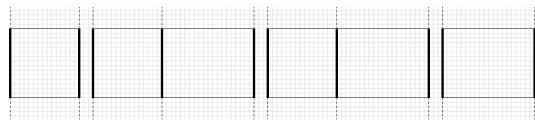




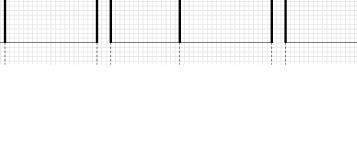


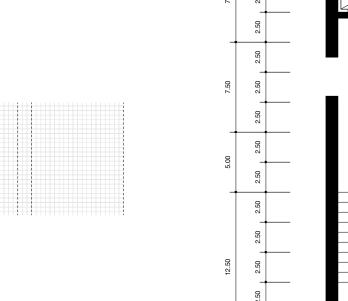




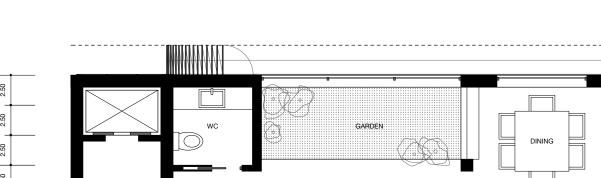




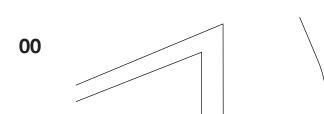




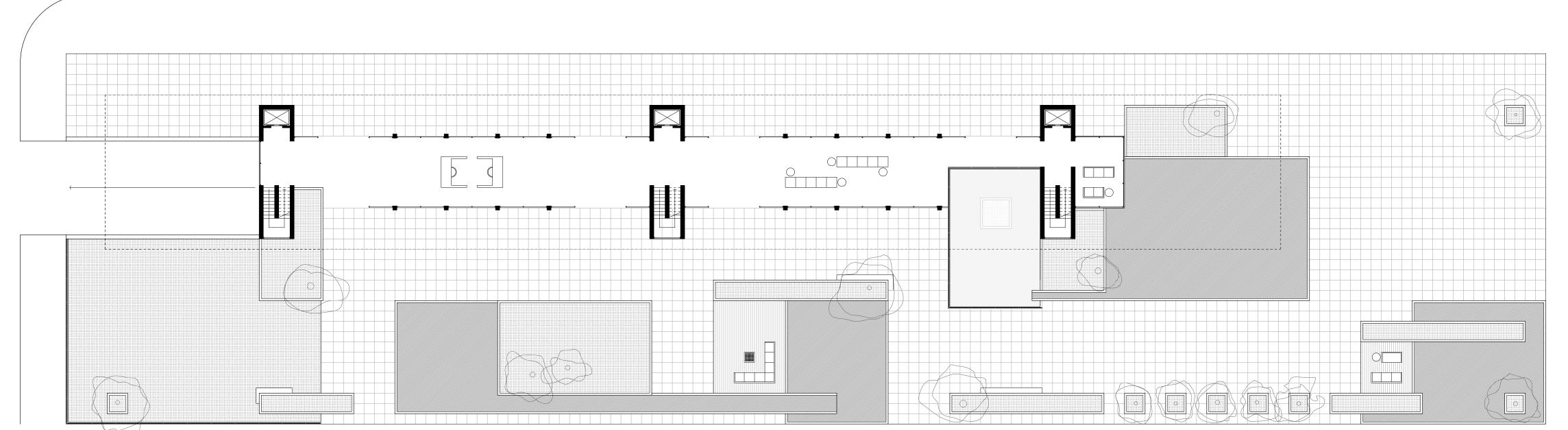
Unit B



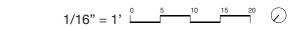


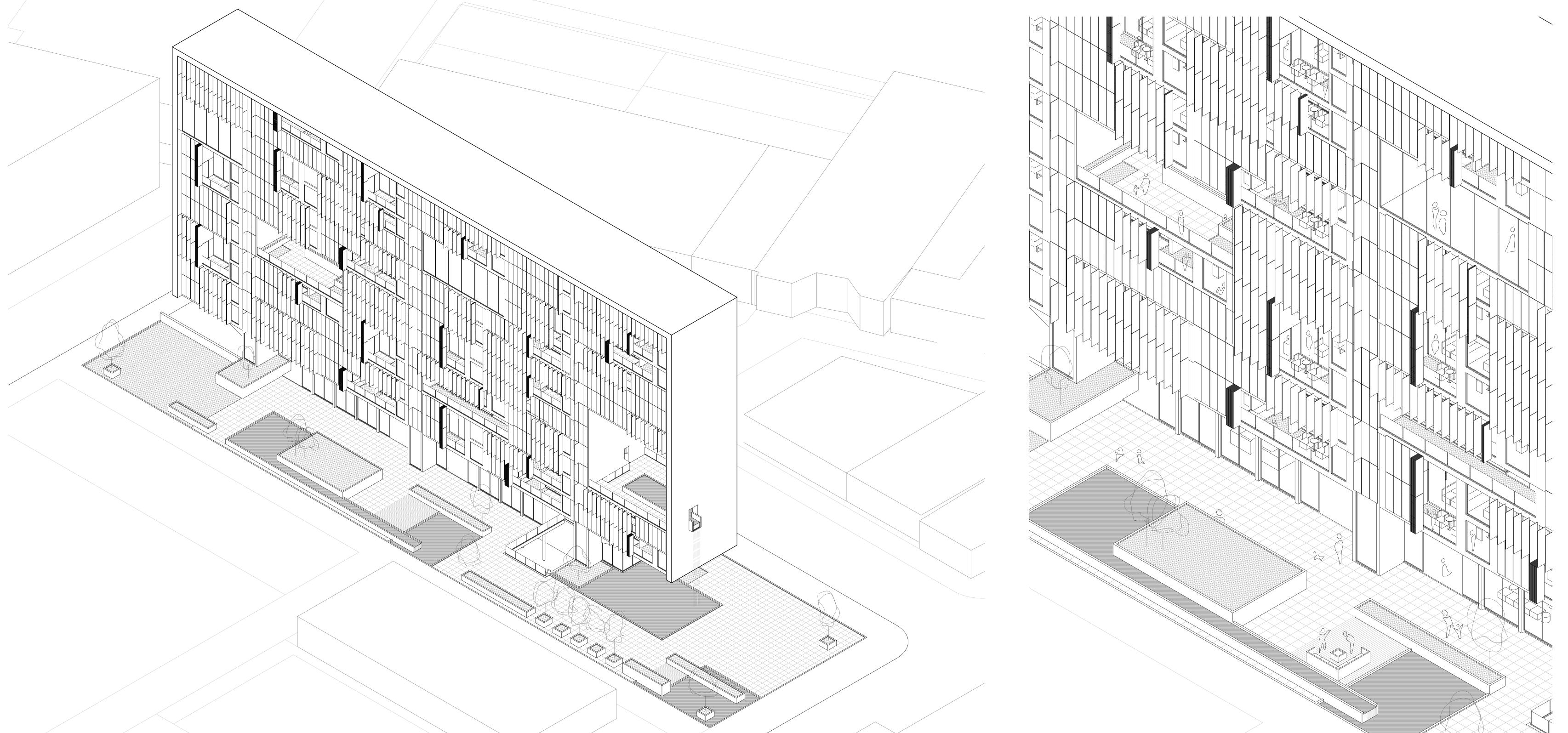






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HOUSING MATTERS | PROMPT 03: COLLECTIVE HOUSING PROJECT | ARCH 2020 | SPRING 2022 | UNIVERSITY OF VIRGINIA SCHOOL OF ARCHITECTURE INSTRUCTORS | ROBIN DRIPPS | MARIA GONZALEZ ARANGUREN | JOSE IBARRA | LAUREN MCQUISTION | JAIME SANZ | BEN SMALL | SIAs | Josh Harrison | Tom Knight | Sofia Kuspan | Meghann McMahon | Christine Nguyen | Brianne Nueslein



