



LOOP VILLAGE

Project Location:

2000 S. Industrial Highway, Ann Arbor, MI

Project Team Members:

Brett Cooper
Xipeng Wu
Yingran Zhang

Systems Studio Section:

Ellie Abrons
Meredith Miller

PROJECT NARRATIVE

Loop Village is a mixed-use, affordable housing development serving families on behalf of the Ann Arbor Housing Commission. The site program is intended to serve a variety of use groups with residential units, retail spaces, a city district library, and the new headquarters for the Housing Commission. The design of Loop Village was derived from extensive site studies that indicated optimal views could be created on the interior of the site, around two central courtyards. A rooftop track and roof gardens create additional community spaces where residents can stay healthy and interact with their neighbors. The design utilizes a structural grid system, based on the parallelogram boundaries of the property, allowing for the creation of three distinct residential unit types. Lastly, the building separates public, residential, and government zones to allow for efficient usage by a variety of user types. Loop Village aims to bring the public into the site and allow residents to thrive in an active community.

LOOP VILLAGE

Brett Cooper, Xipeng Wu, Yingran Zhang
Systems Studio Section: Abrons, Miller

Project Statistics

Total gross floor area	222500 sf
Lot area	174240 sf 4 acres
FAR	1.3
Number of floors	5
Building height	60 ft
Dwelling unit count and bed-room count	80 units 250 rooms
Dwelling units/acre	1.83 acres
Total area of commercial space	7236 sf
Total net leasable area	175846 sf
Efficiency rate in %	79%
Unit Access typology	duplex, Wdouble loaded, sin- gle loaded
Building Typology	courtyard
Number of on-site parking spaces	126, 68 residential, 42 AAHC, 16 public
Parking spaces per unit	0.85

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2000 S. Industrial, Ann Arbor, MI

ARCH 672: In The Mix Studio, Fall 2022
Xipeng Wu, Yingran Zhang, Brett Cooper



PROJECT DATA

GSF: 222,500 SF

DUA: 20

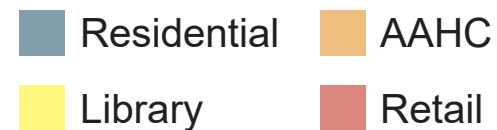
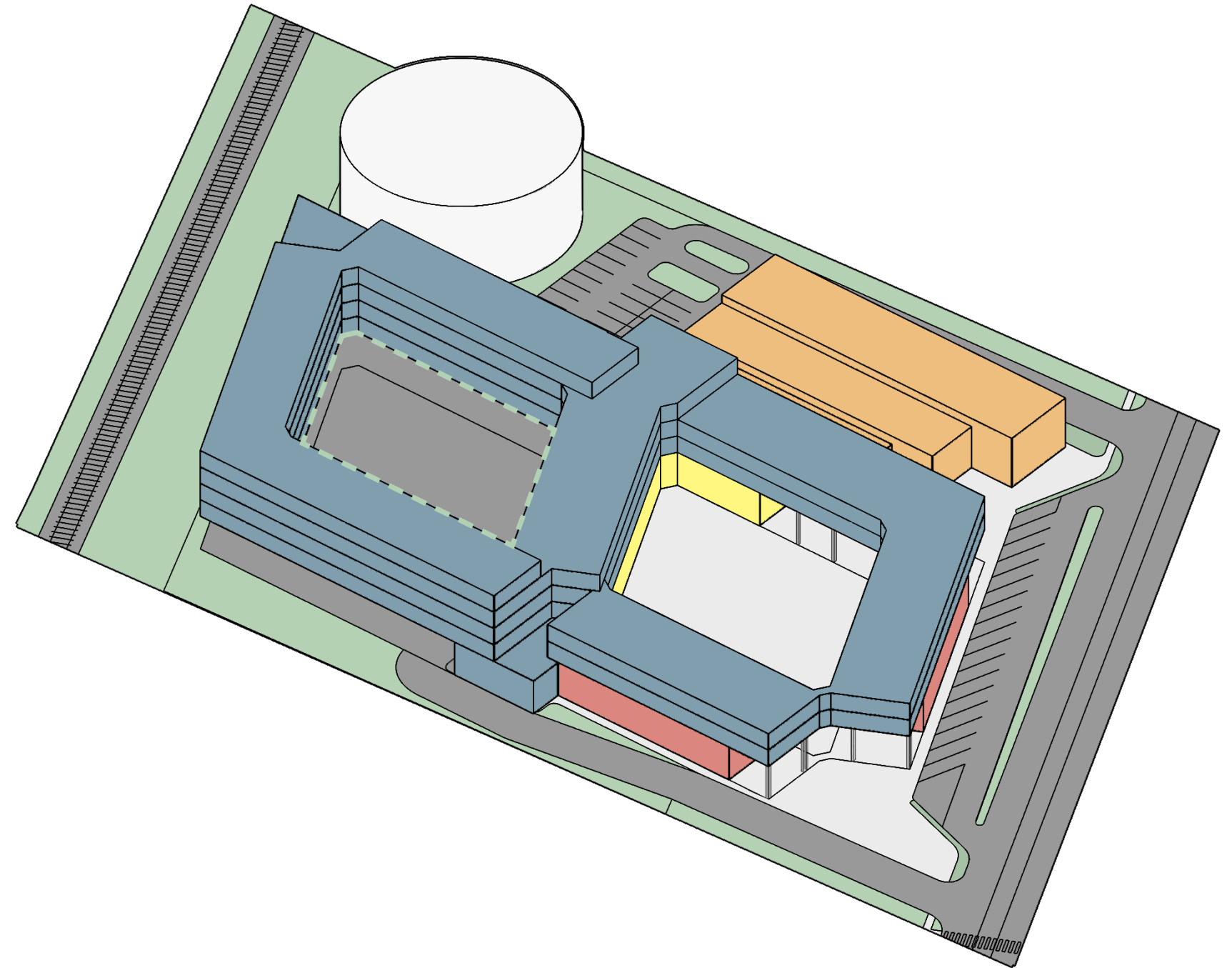
FAR: 1.3

Unit Count: 80 (30 Duplex, 30 Double Load, 20 Single Load)

Parking Count: 126 spaces (68 Residential, 42 AAHC, 16 Public)

DESIGN INTENT

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NEIGHBORHOOD CONTEXT

The neighborhood, Bryant Pattengill East, has experienced significant industrial and residential growth through the 20th century as rent and land prices closer to downtown Ann Arbor have risen considerably.

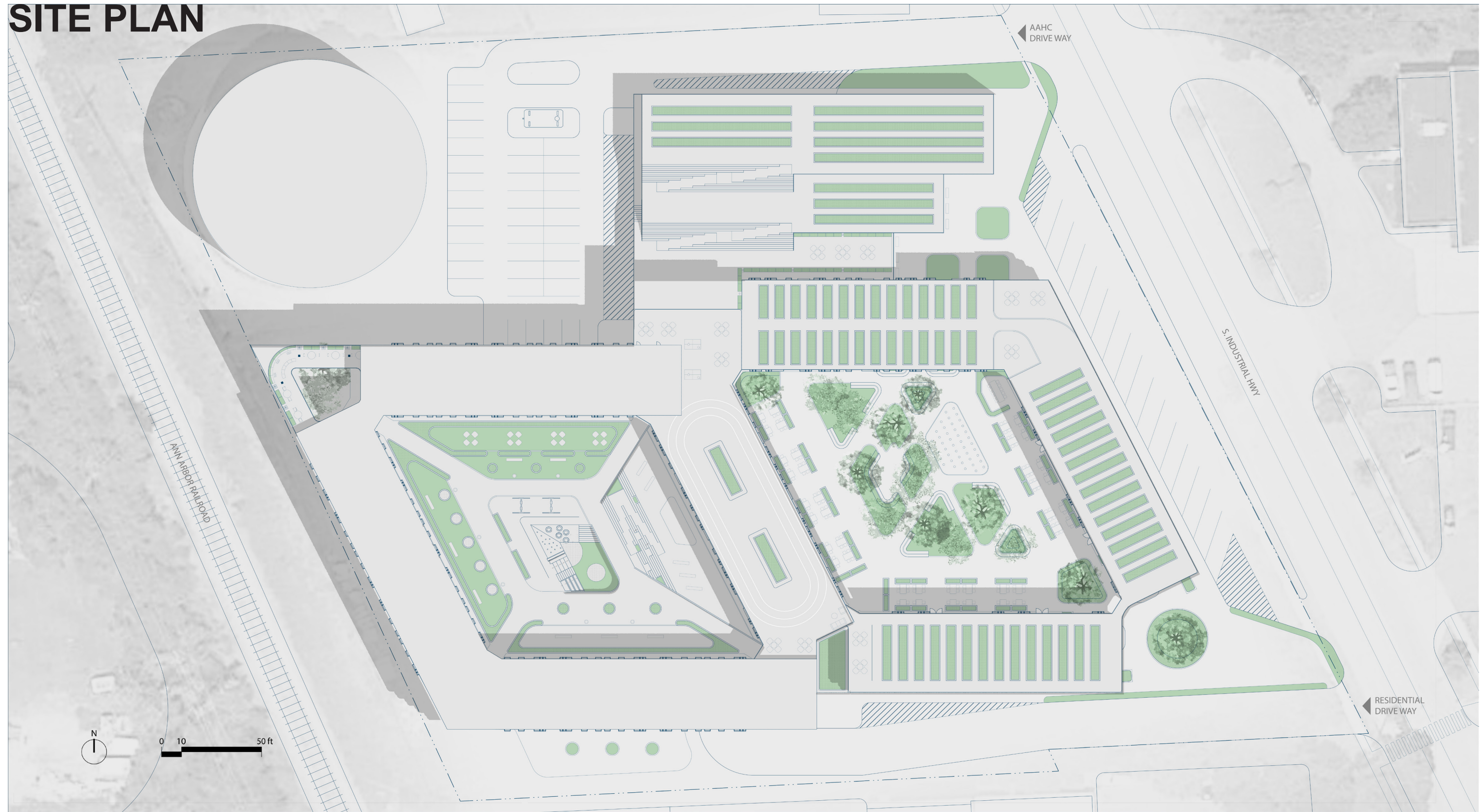
The site is located within a cluster of private, industrial buildings along S. Industrial. A key landmark nearby is Woodbury Gardens Apartments, the largest apartment complex within Ann Arbor.

Despite the significant industrial presence, the neighborhood has many amenities such as schools and parks within walking distance, as well as a bus line that stops at the project site. These opportunities provide a great opportunity for the Ann Arbor Housing Commission's development of affordable housing.

- AAHC Property
- Park
- Industrial
- District Library
- School



SITE PLAN

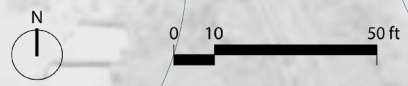


AAHC
DRIVE WAY

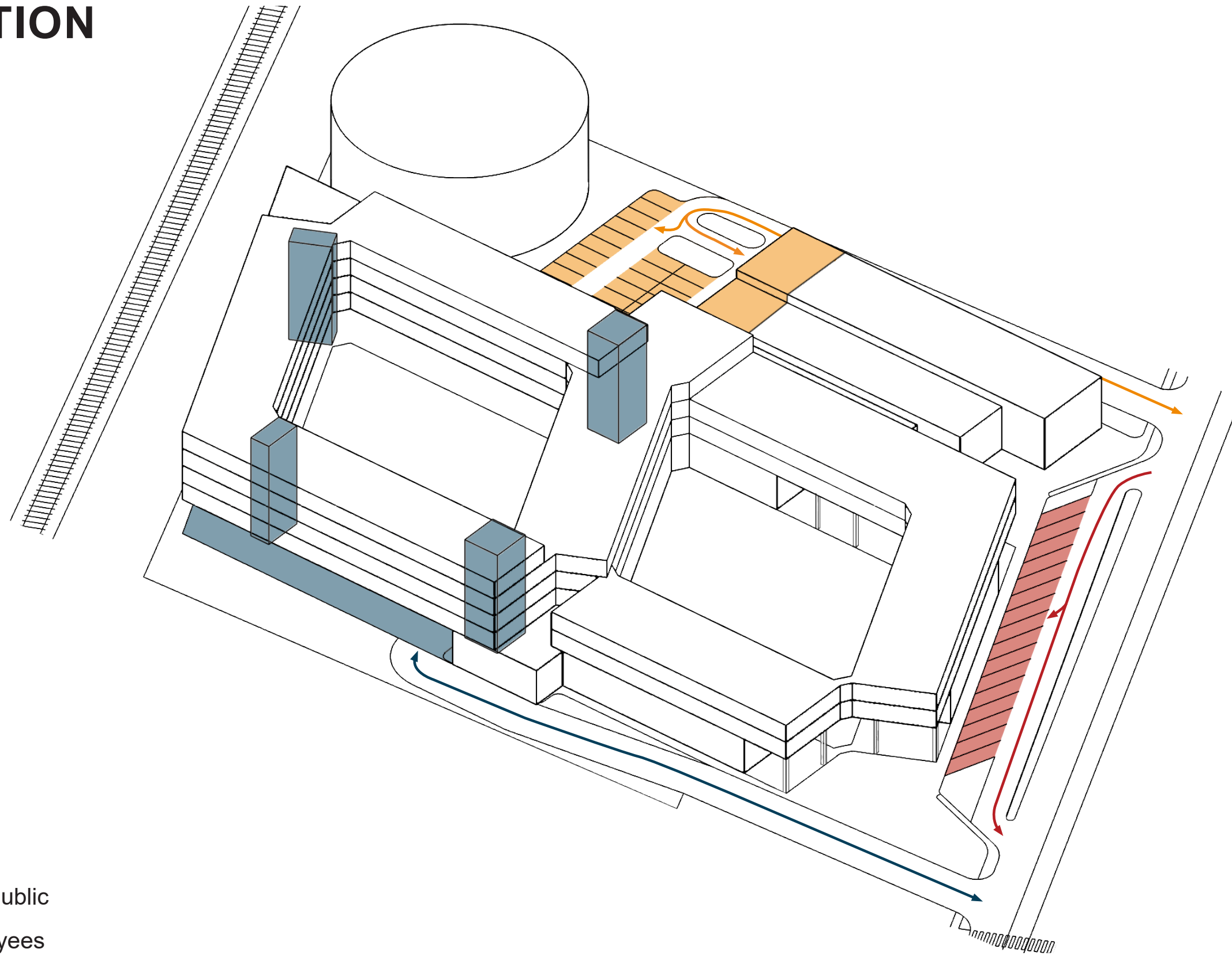
S INDUSTRIAL HWY

ANH RD/RAIL ROAD

RESIDENTIAL
DRIVE WAY

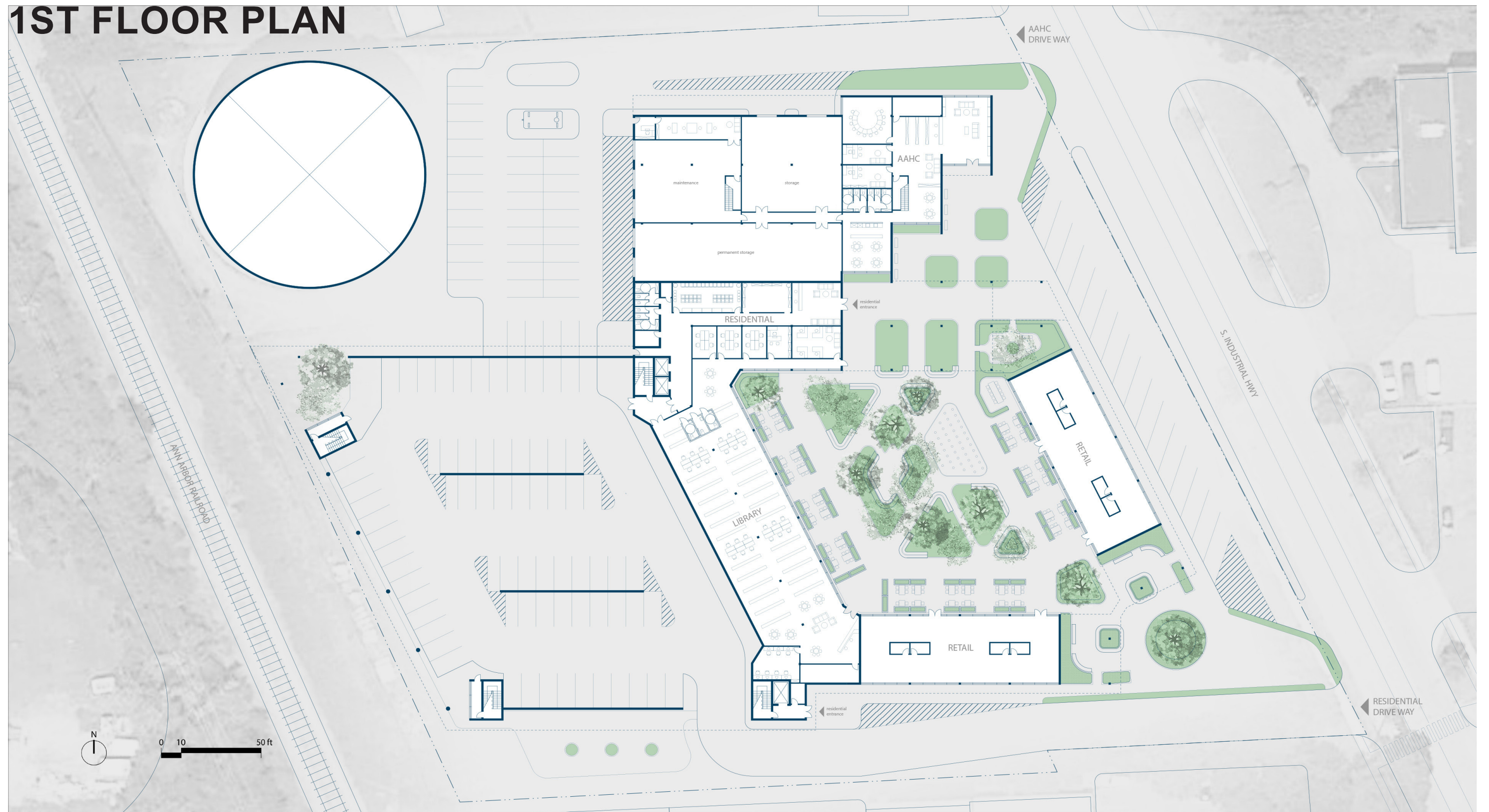


CIRCULATION

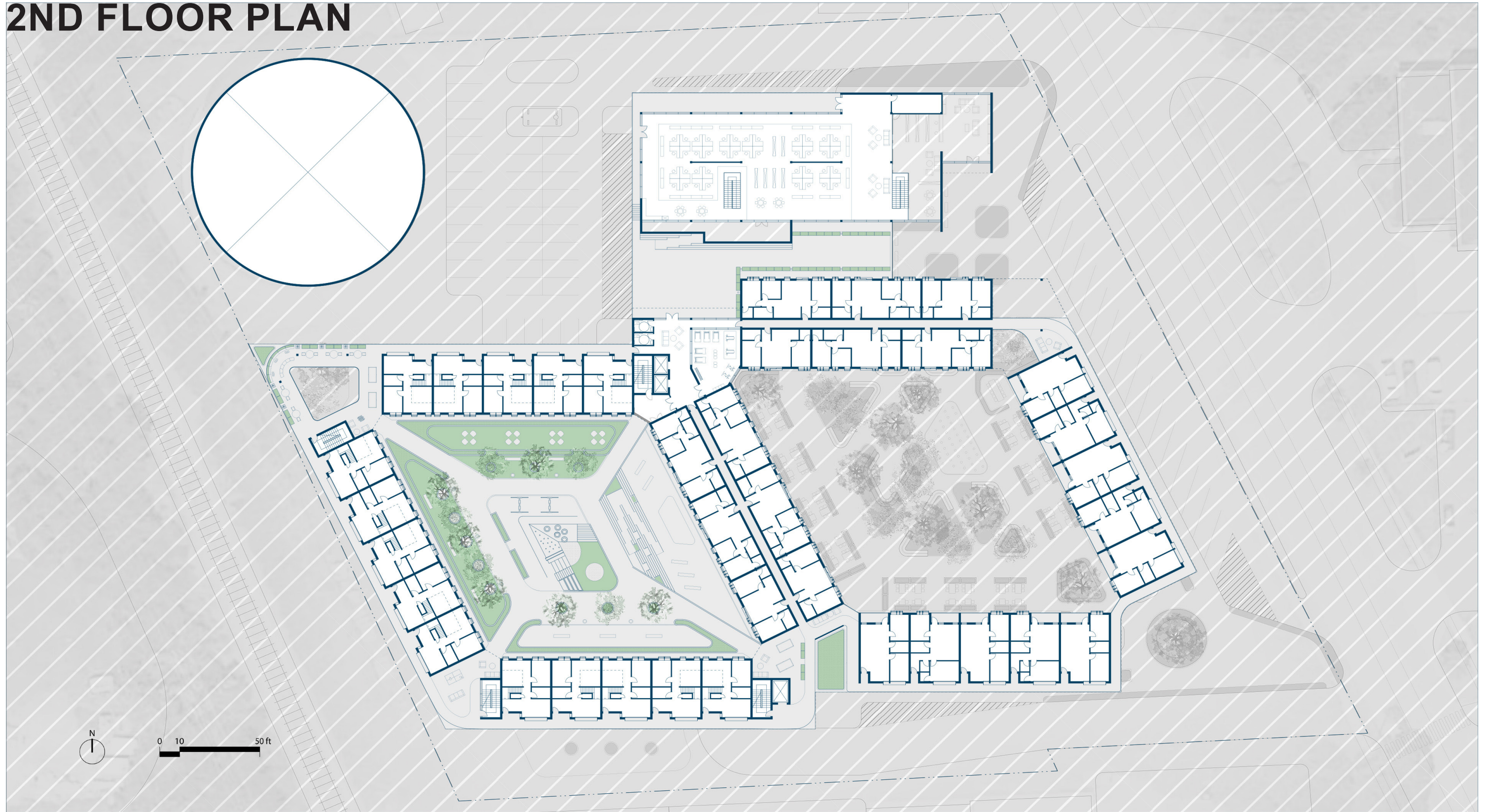


- Resident
- Public
- AAHC/City Employees

1ST FLOOR PLAN



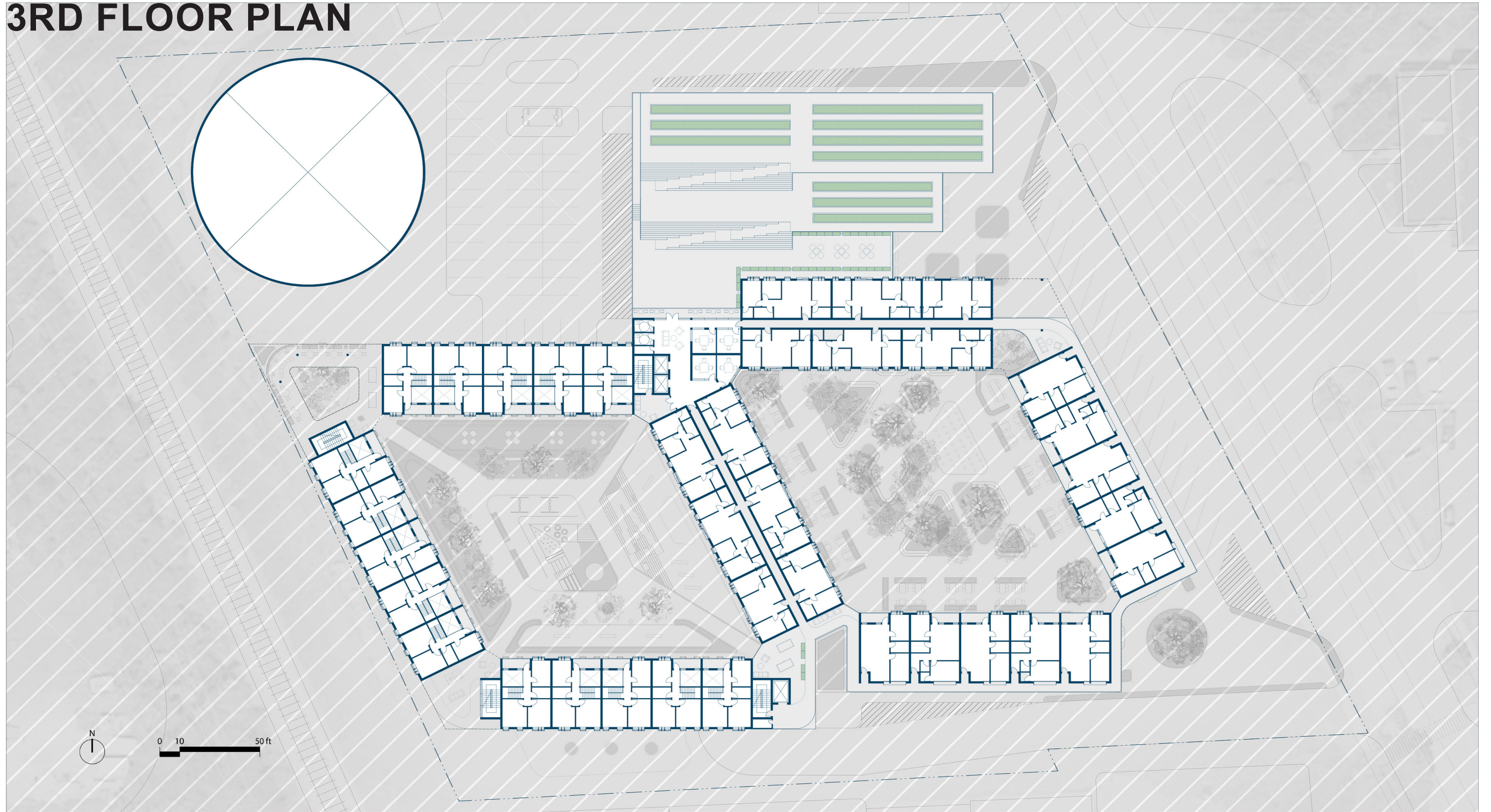
2ND FLOOR PLAN



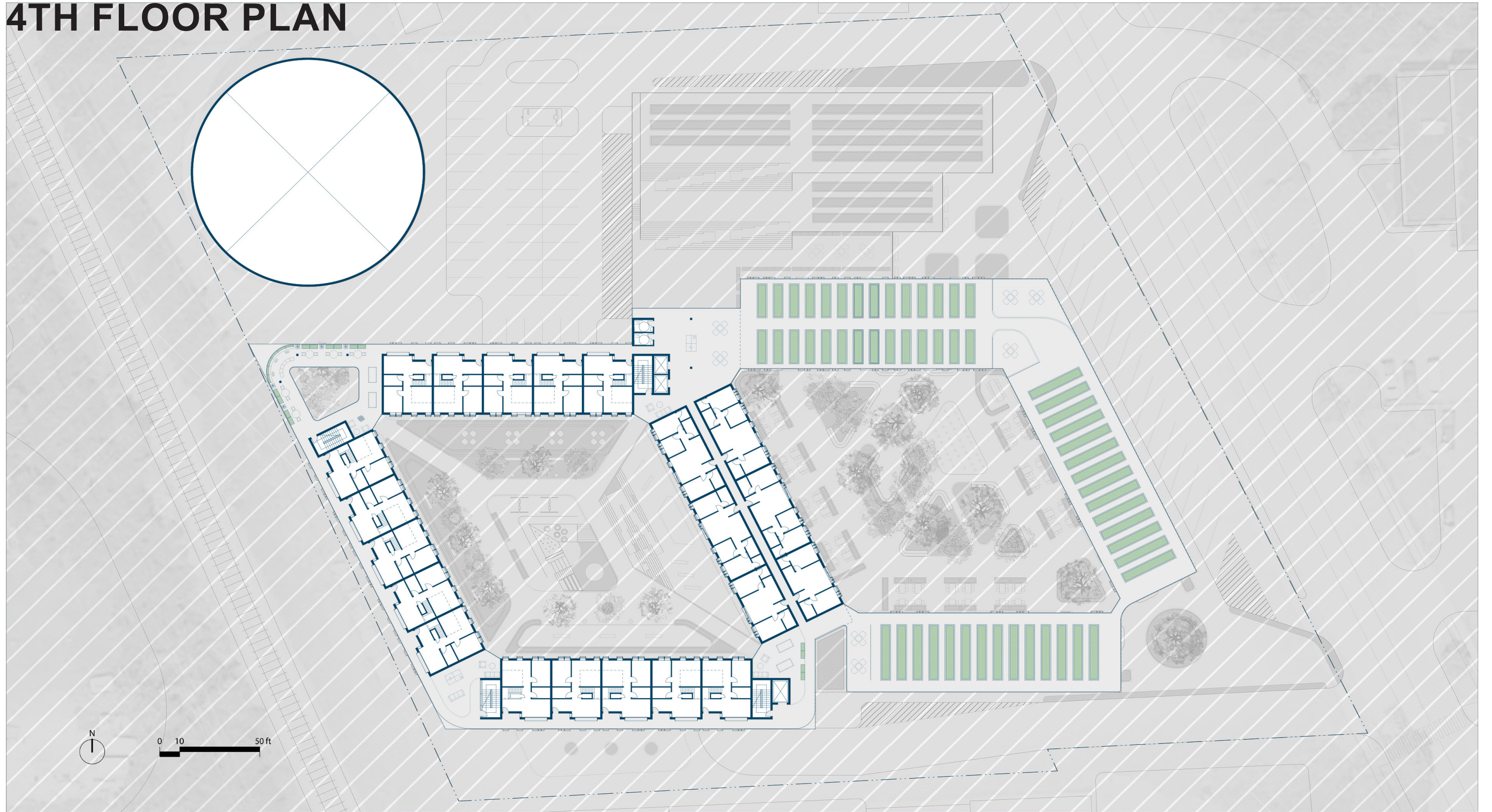
RESIDENTIAL COURTYARD



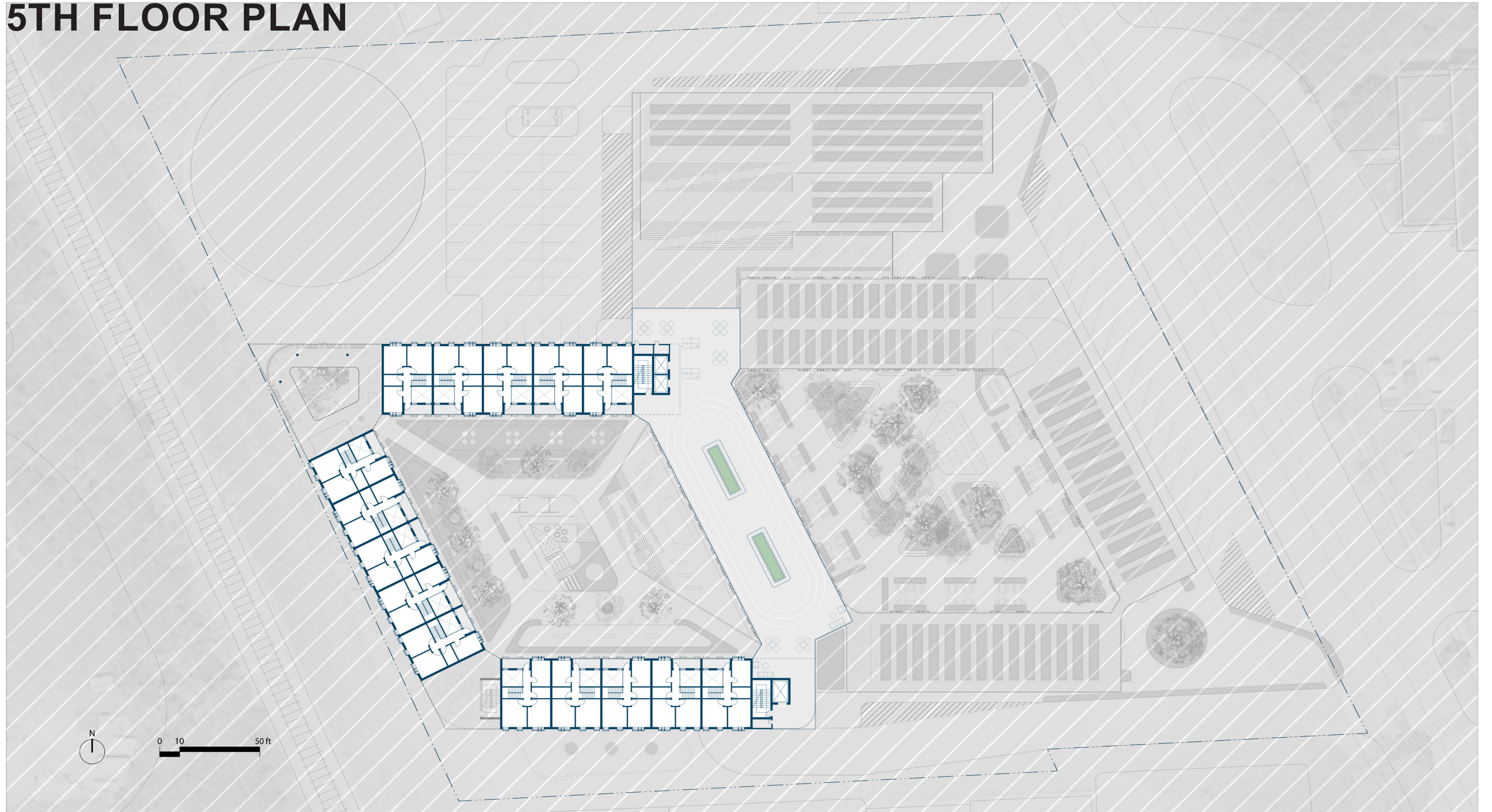
3RD FLOOR PLAN



4TH FLOOR PLAN



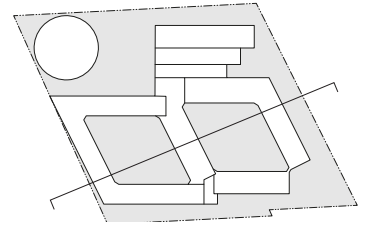
5TH FLOOR PLAN



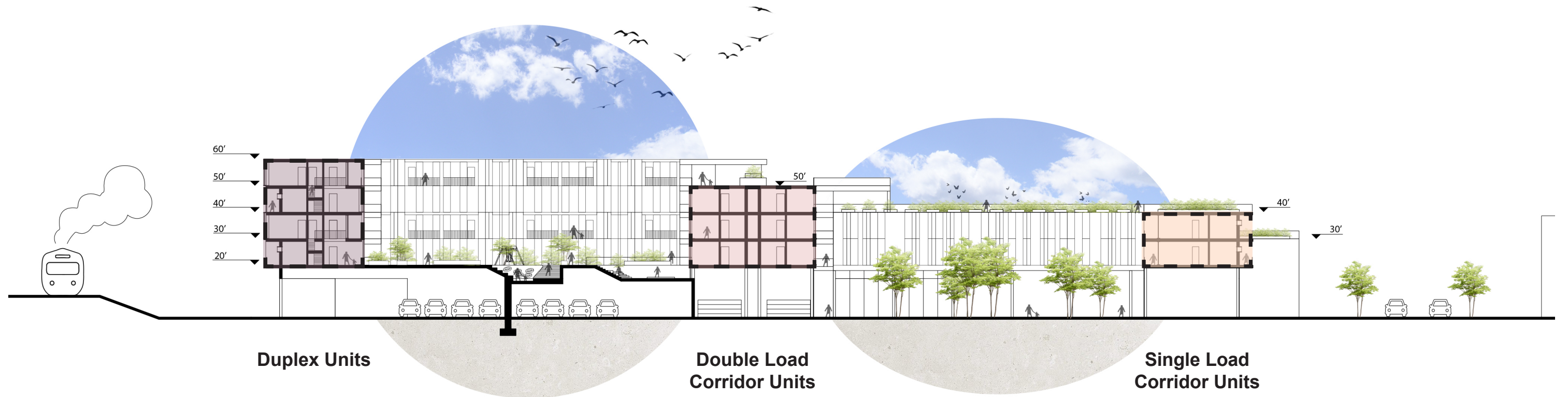
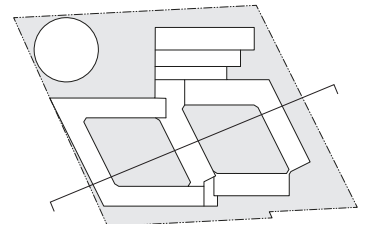
ROOFTOP TRACK



BUILDING SECTION



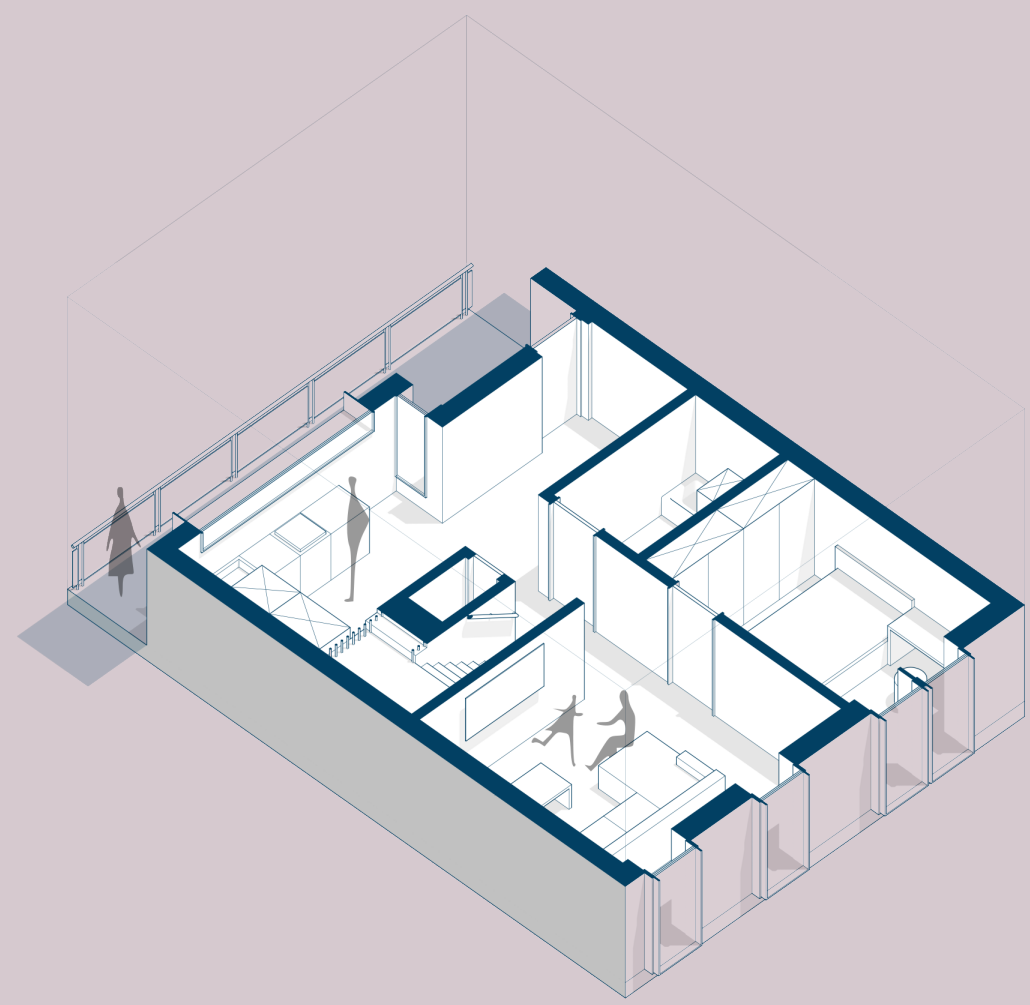
UNIT TYPOLOGY



Duplex 1st Level

(4Bed/2Bath)

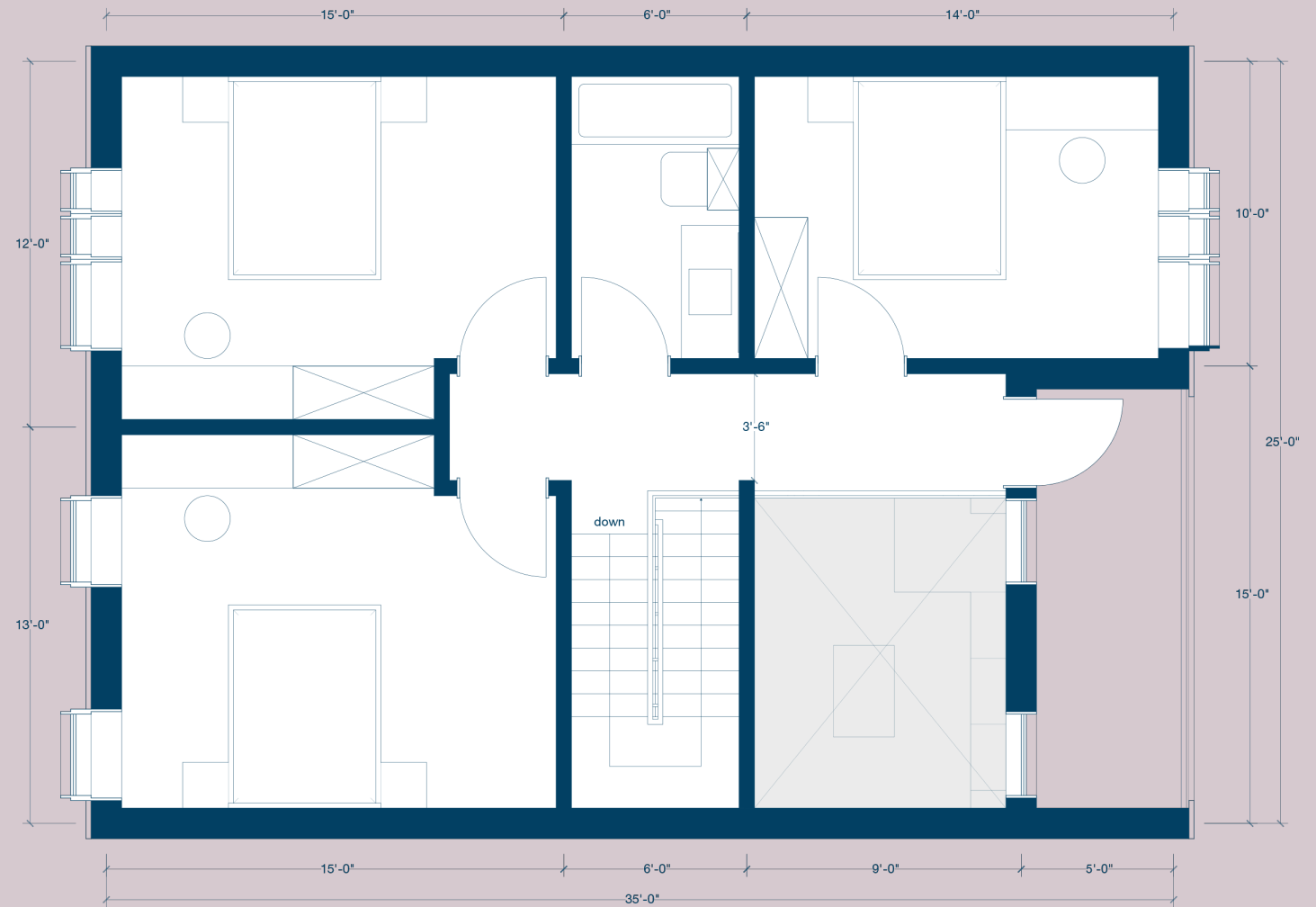
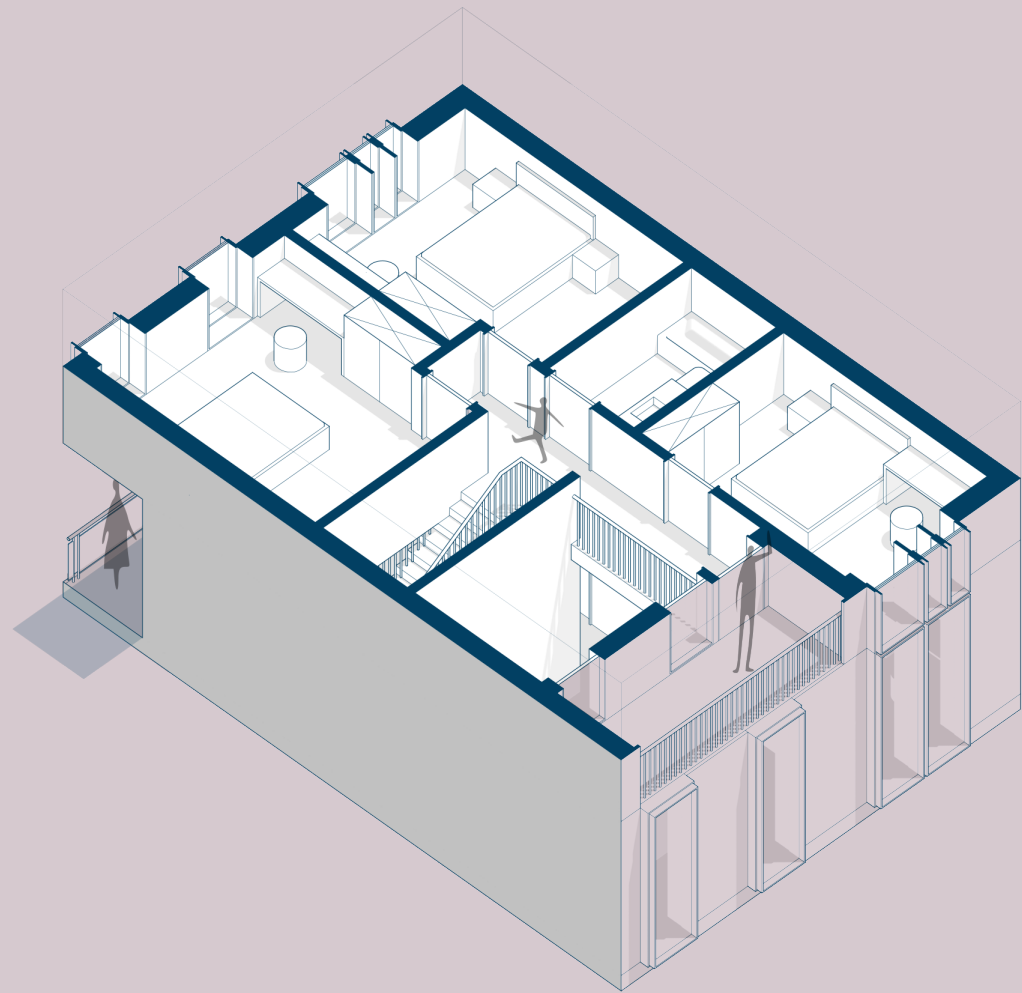
1,400 SF



Duplex 2nd Level

(4Bed/2Bath)

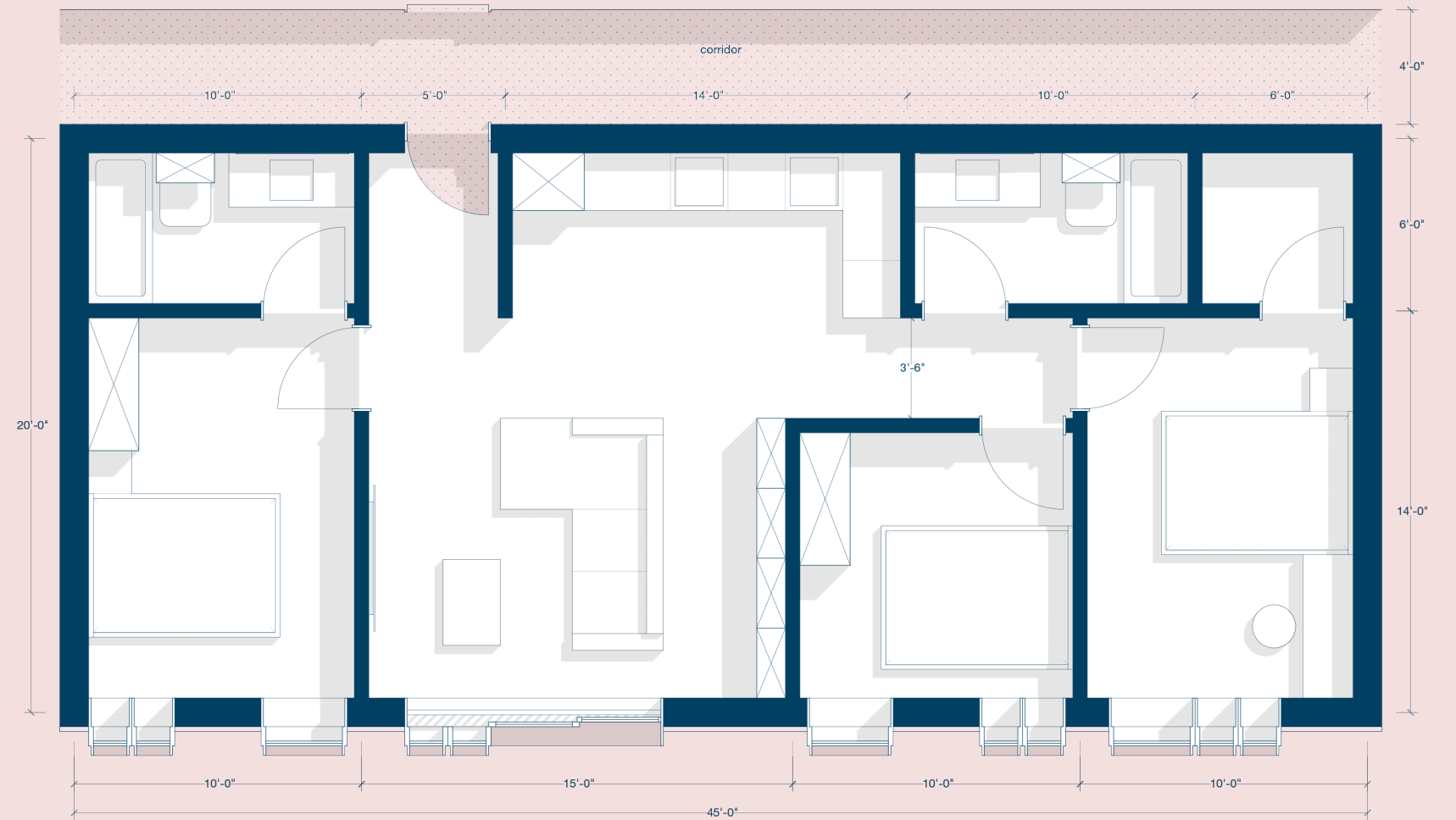
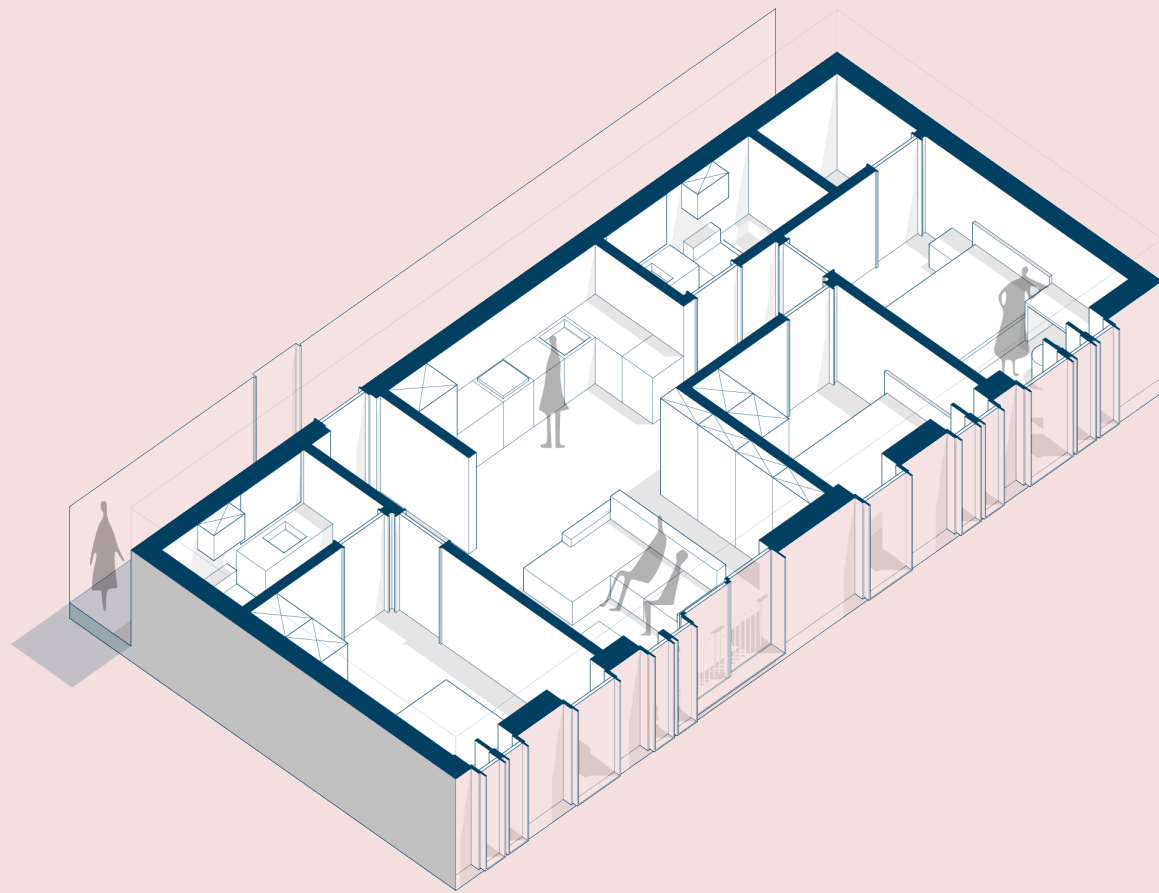
1,400 SF



Double Load Unit

(3Bed/2Bath)

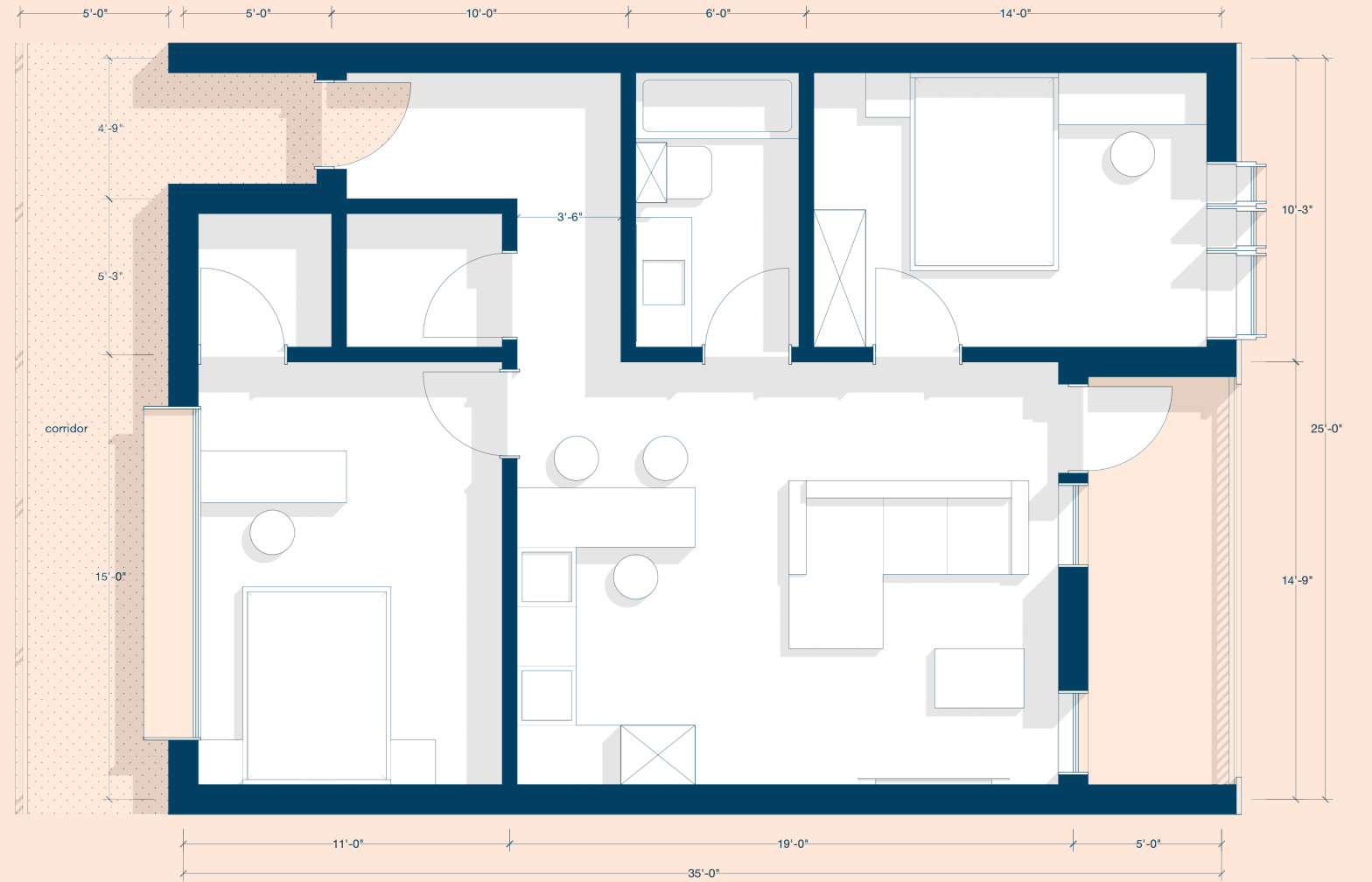
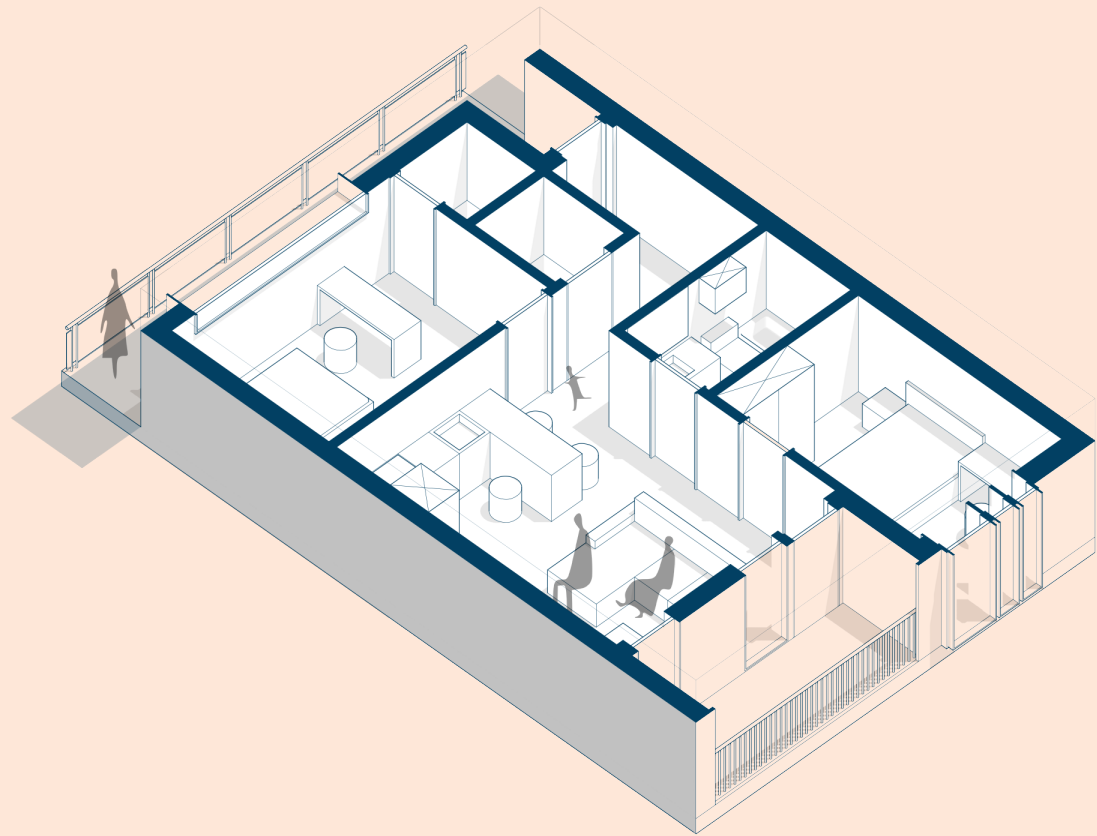
840 SF



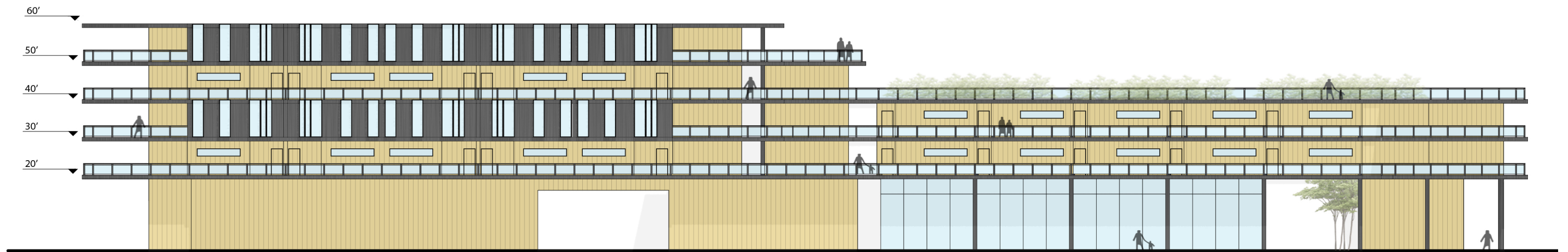
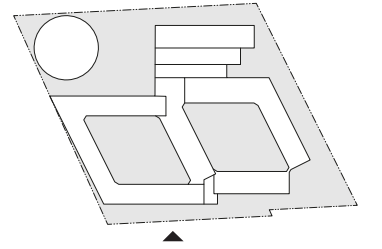
Single Load Unit

(2Bed/1Bath)

720 SF



BUILDING ELEVATION



COURTYARD FACING FACADE

