

HANGING GARDENS CO-HOUSING

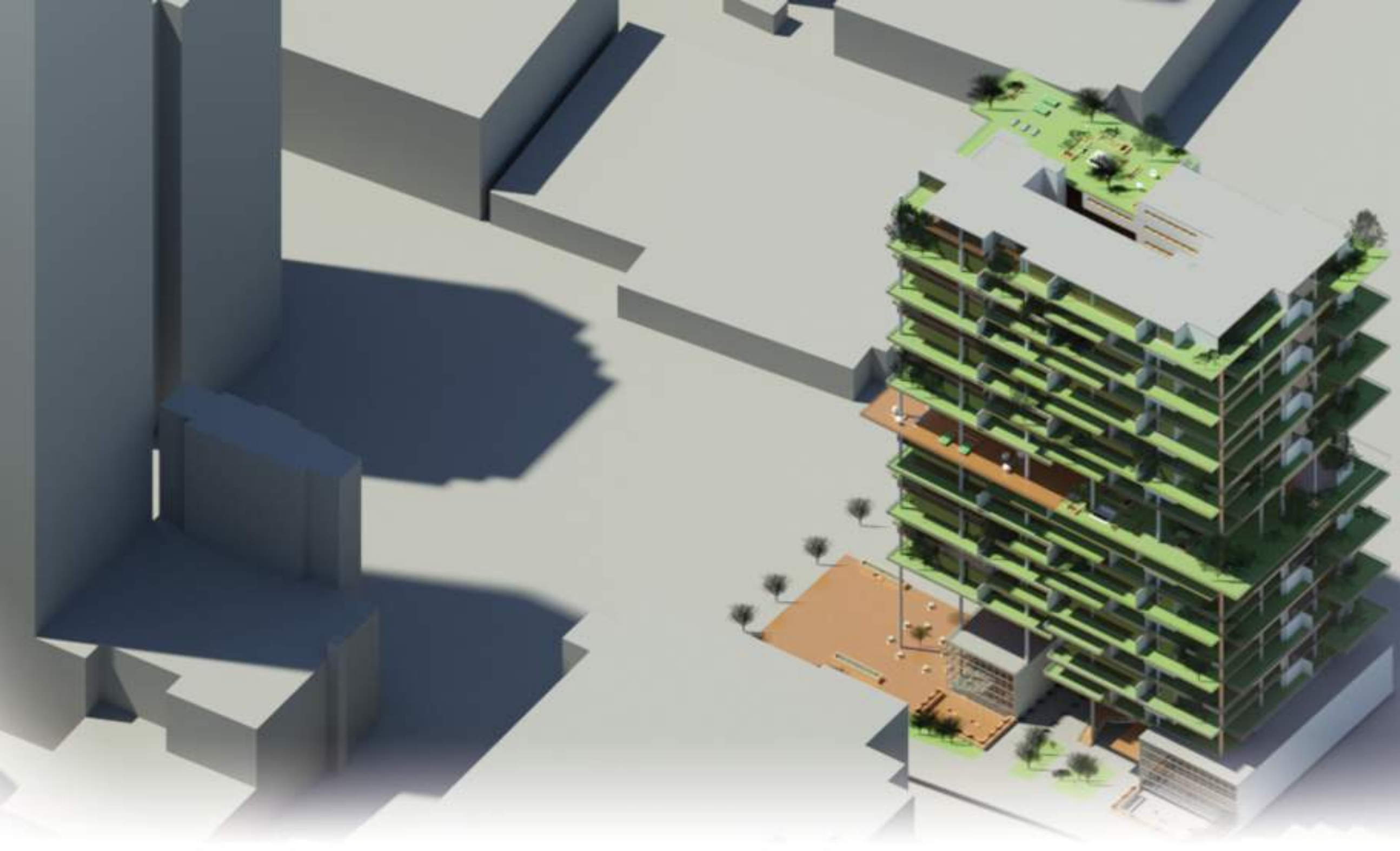


HANGING GARDENS is a green project that integrates sustainable strategies with the Co-Housing form of living to bring a better and cleaner life-style to it's habitants and surrounding buildings.

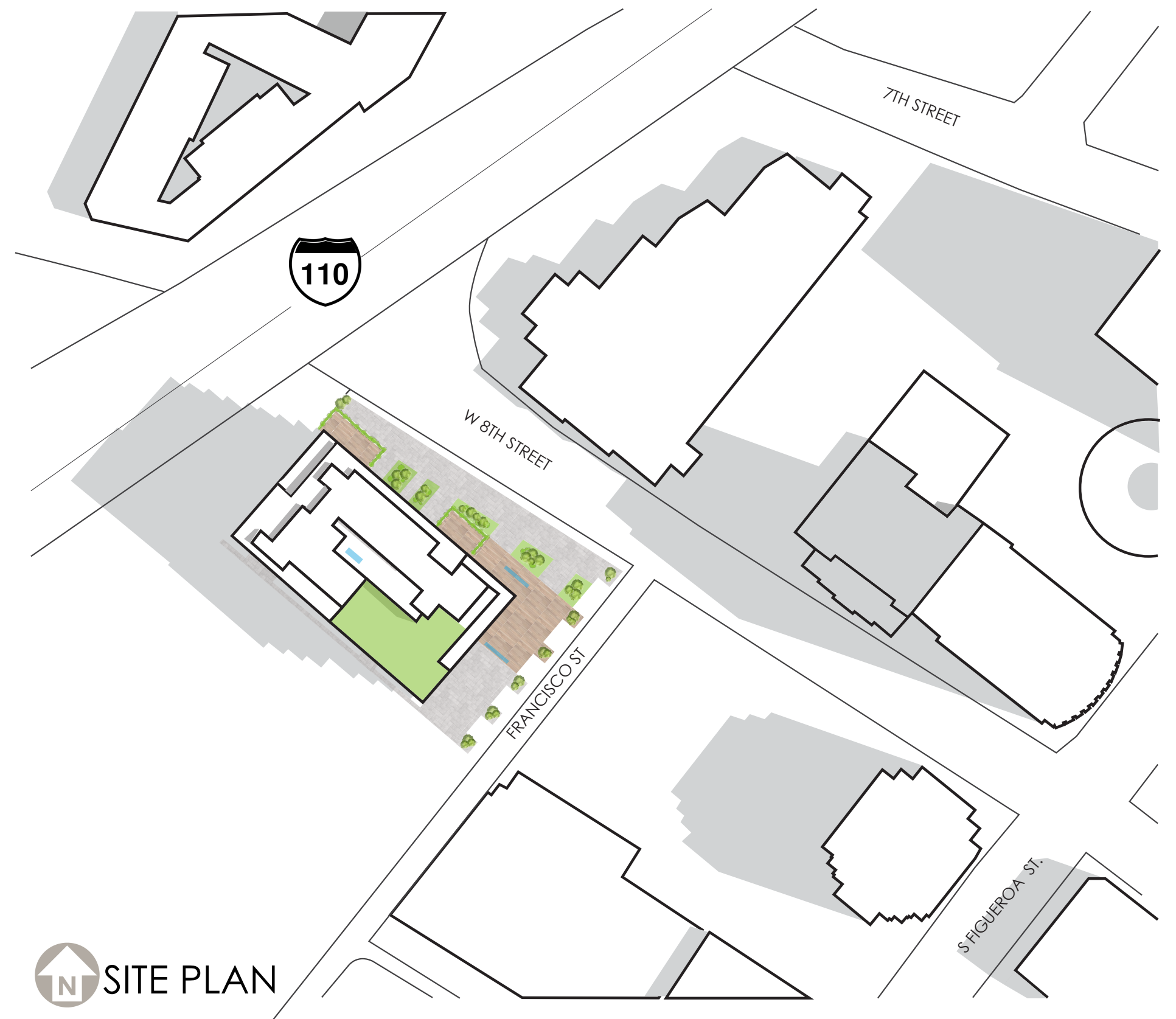
Located in the South Park District in Los Angeles, Hanging Gardens is a mixed use project that counts with two levels of Commercial program and with 24 levels of 432 Residential Units. Following the 2030 Challenge, the project focuses on sustainable performance and counts with several measures that help to achieve it. Hanging Gardens was designed by keeping in mind the Wellness for it's community, energy levels of the building, ecology and the re-use of water.

The project counts with several green community areas each 6 floors. These community spaces are exclusively for the use of the residents in these 6 floors; while the main green Community Space that is located at the center of the building, and that counts with several amenities such as a produce garden, pool, gym, and lounge; is effective for the use of all of the residents of the building. The goal is to incorporate and create a sense of community between the residents of the building.

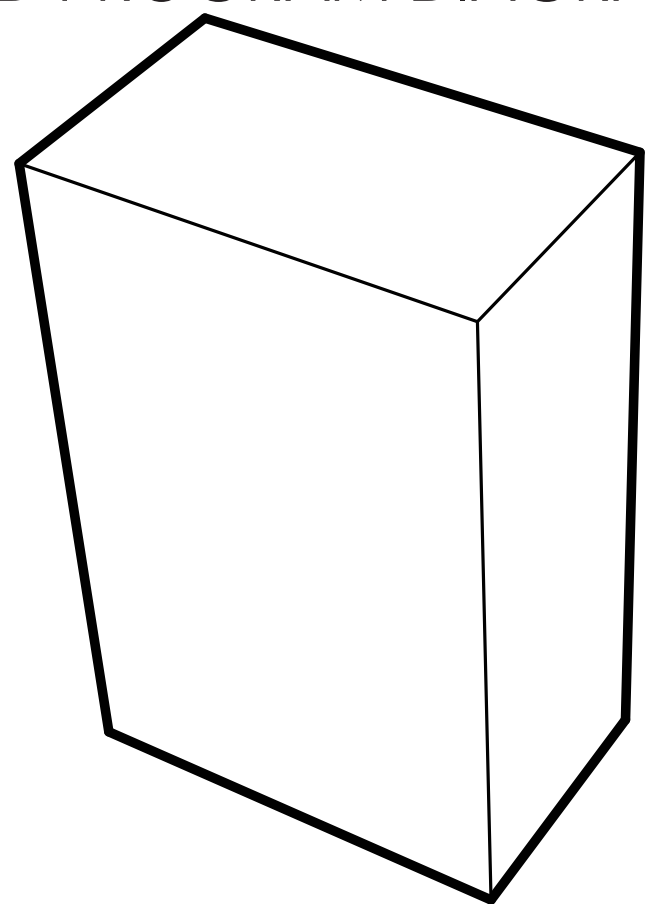
Hanging Gardens also counts with two separate systems of water that help irrigate the Gardens. Each community space counts with it's own rainwater collection system, and with grey-water treatment that helps filtrate the water; but possible the most distinct feature that the projects counts with is the open atrium that runs from top to bottom of the building and that helps achieve the cooling process making it possible for it's residents to leave comfortably.



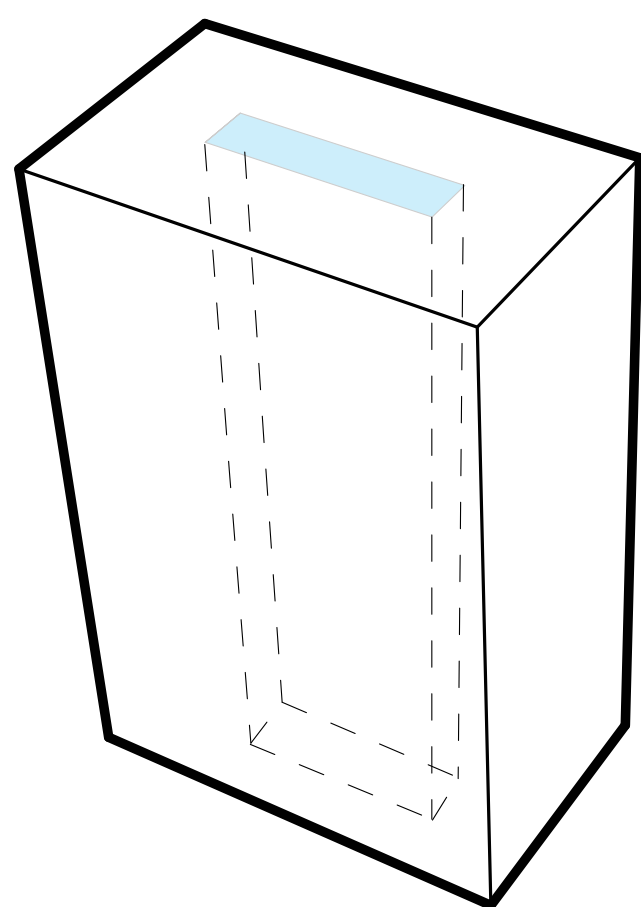
GROUND FLOOR
PARTI AND PROGRAM DIAGRAM



SITE PLAN

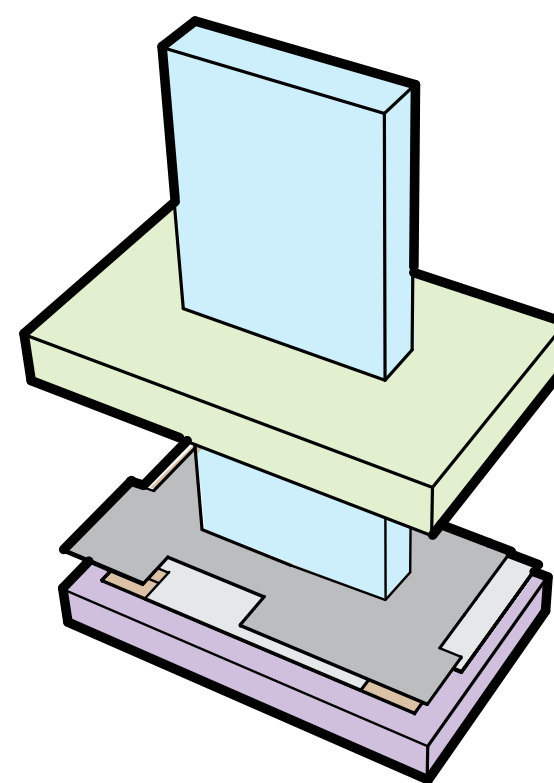


ZONING ENVELOPE



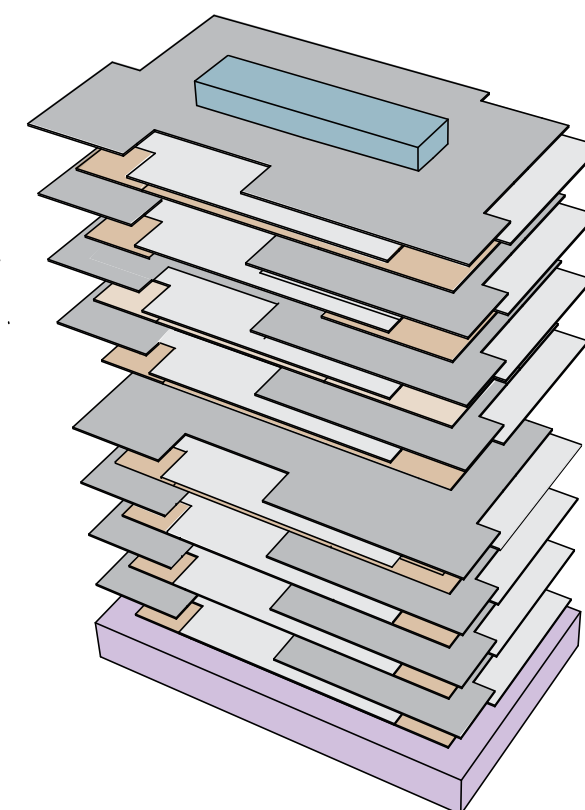
UNITS
SOLAR CHIMNEY

ADD ATRIUM



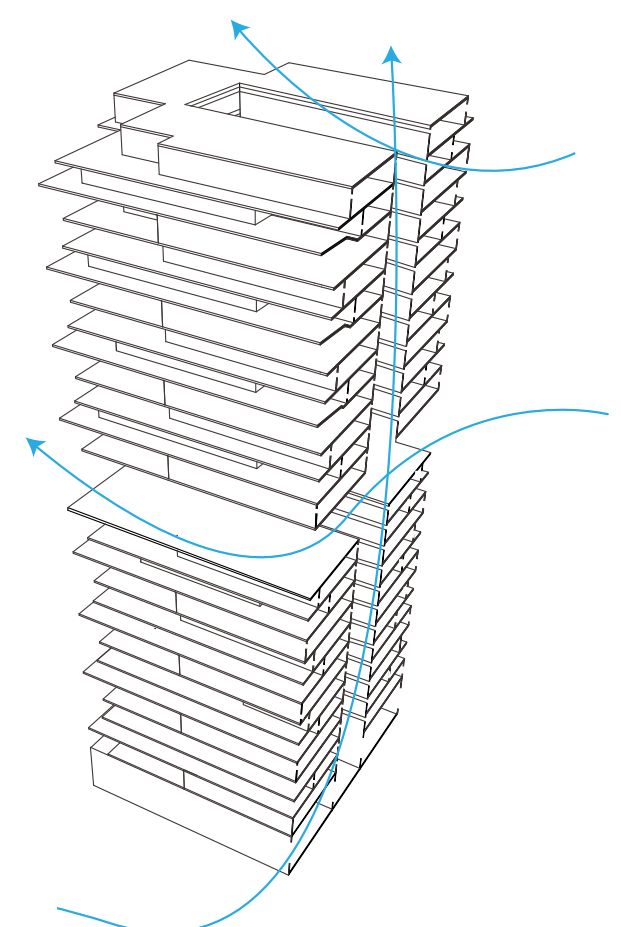
COMMERCIAL
COMMUNITY
ATRIUM

CONNECTIVE SPACES



UNITS
COMMERCIAL
COMMUNITY
ATRIUM
MODULE 1
MODULE 2
MODULE 3

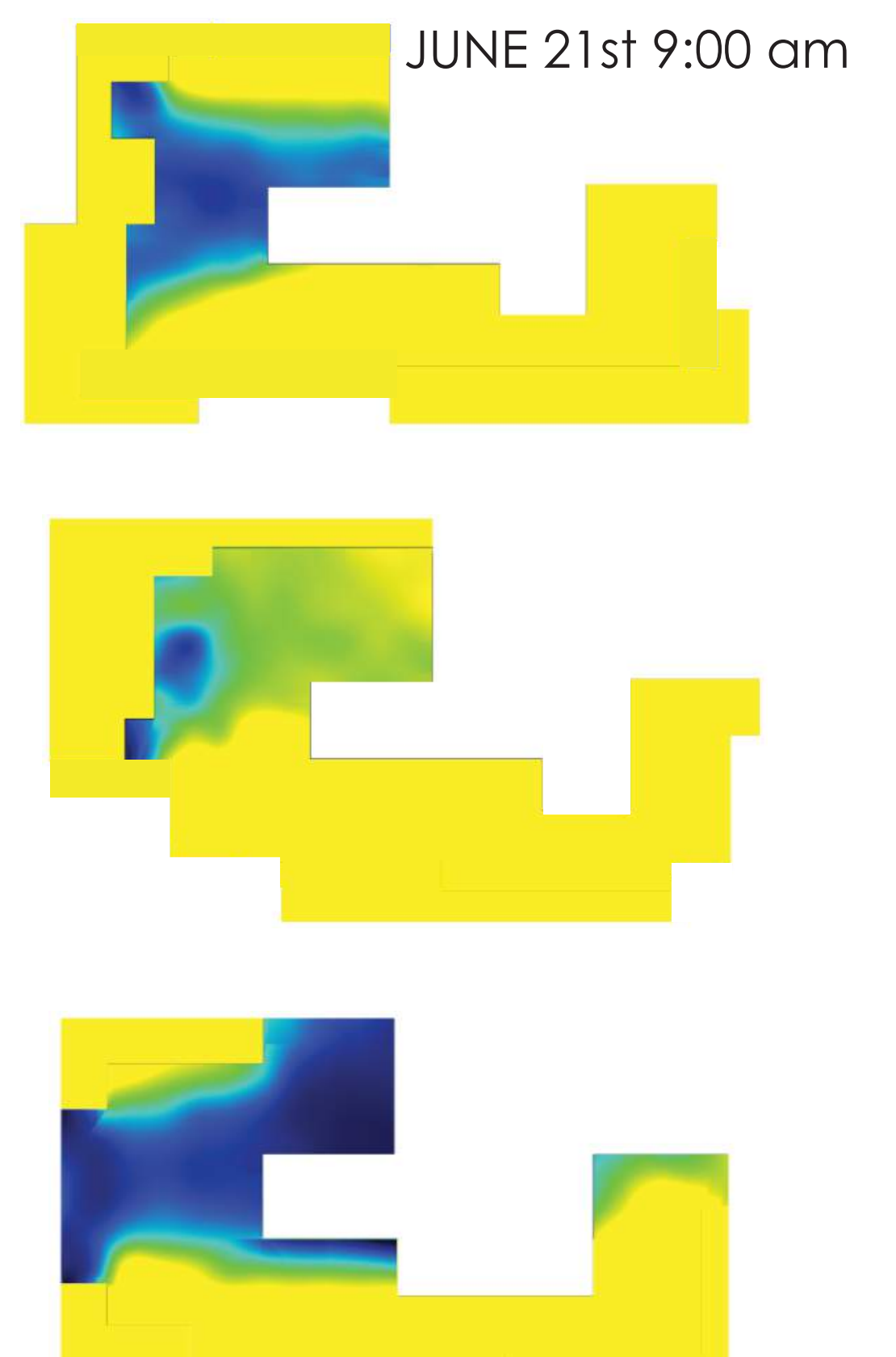
HORIZONTAL PLATES



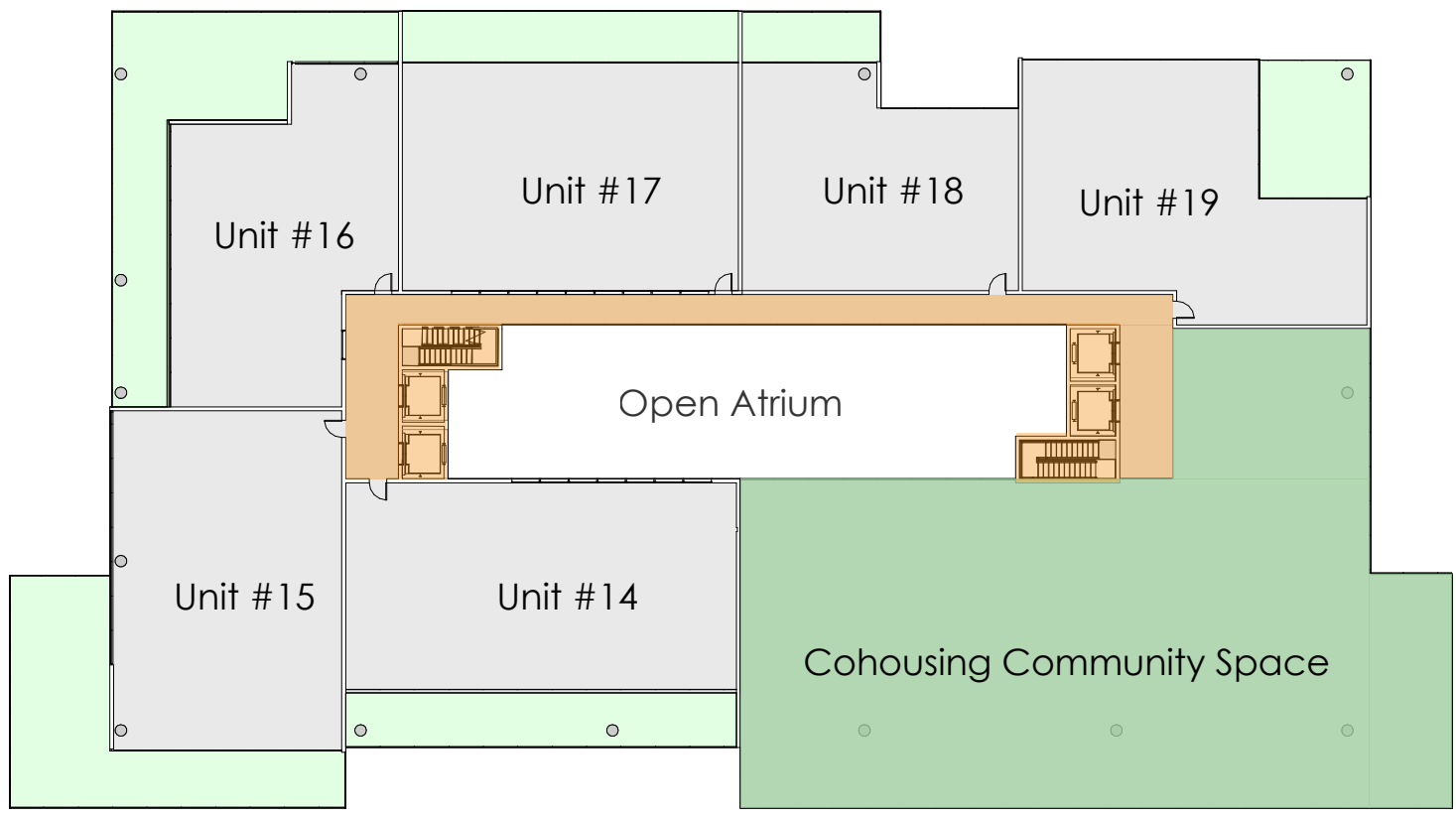
3D SECTION



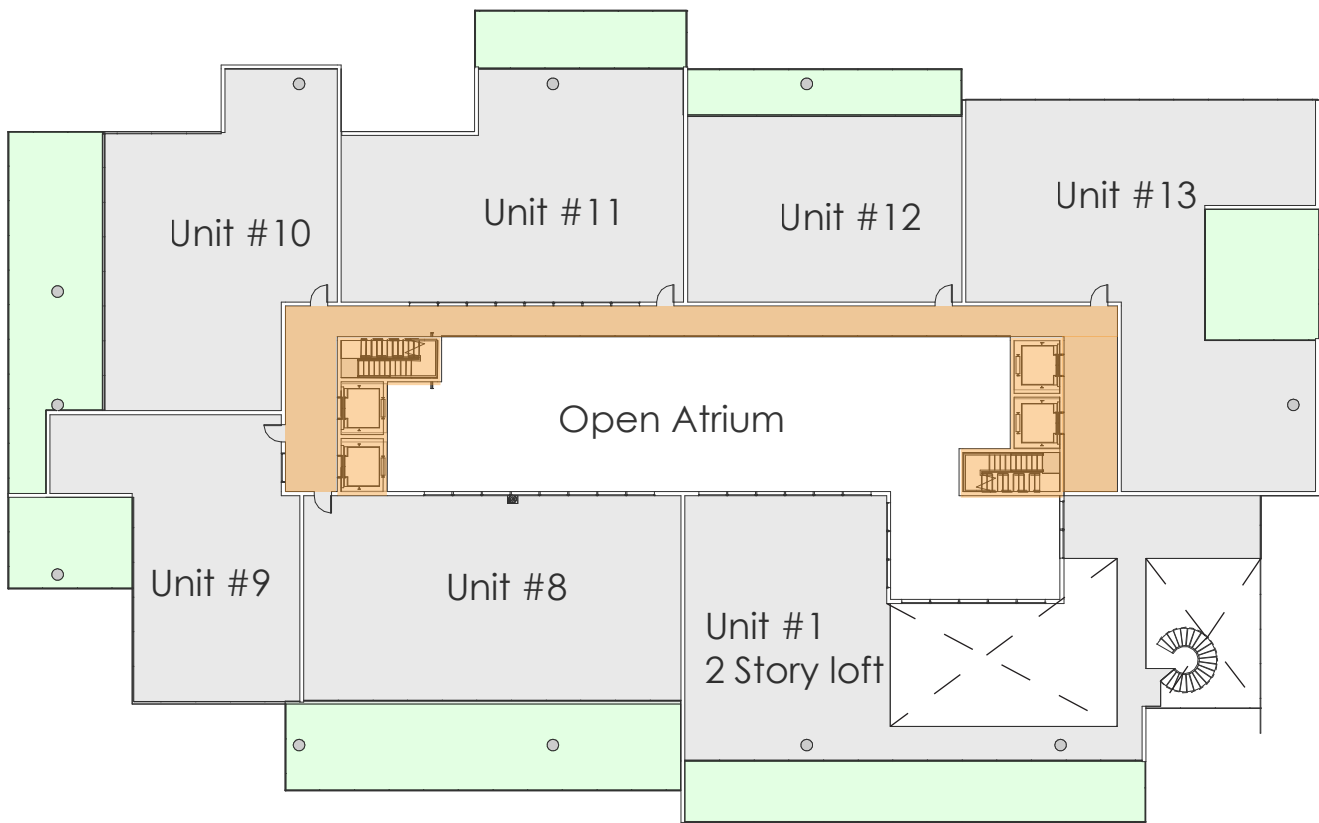
DAYLIGHT ANALYSIS



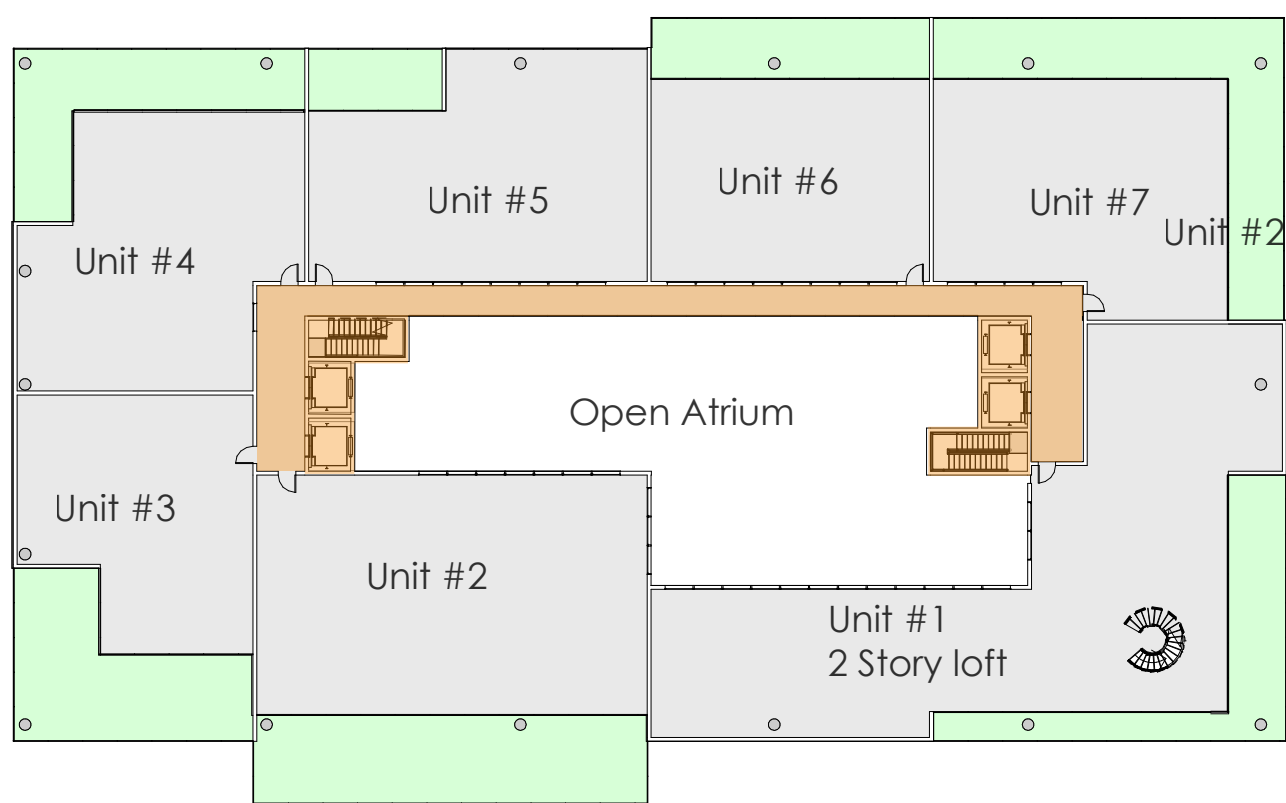
FLOOR PLANS



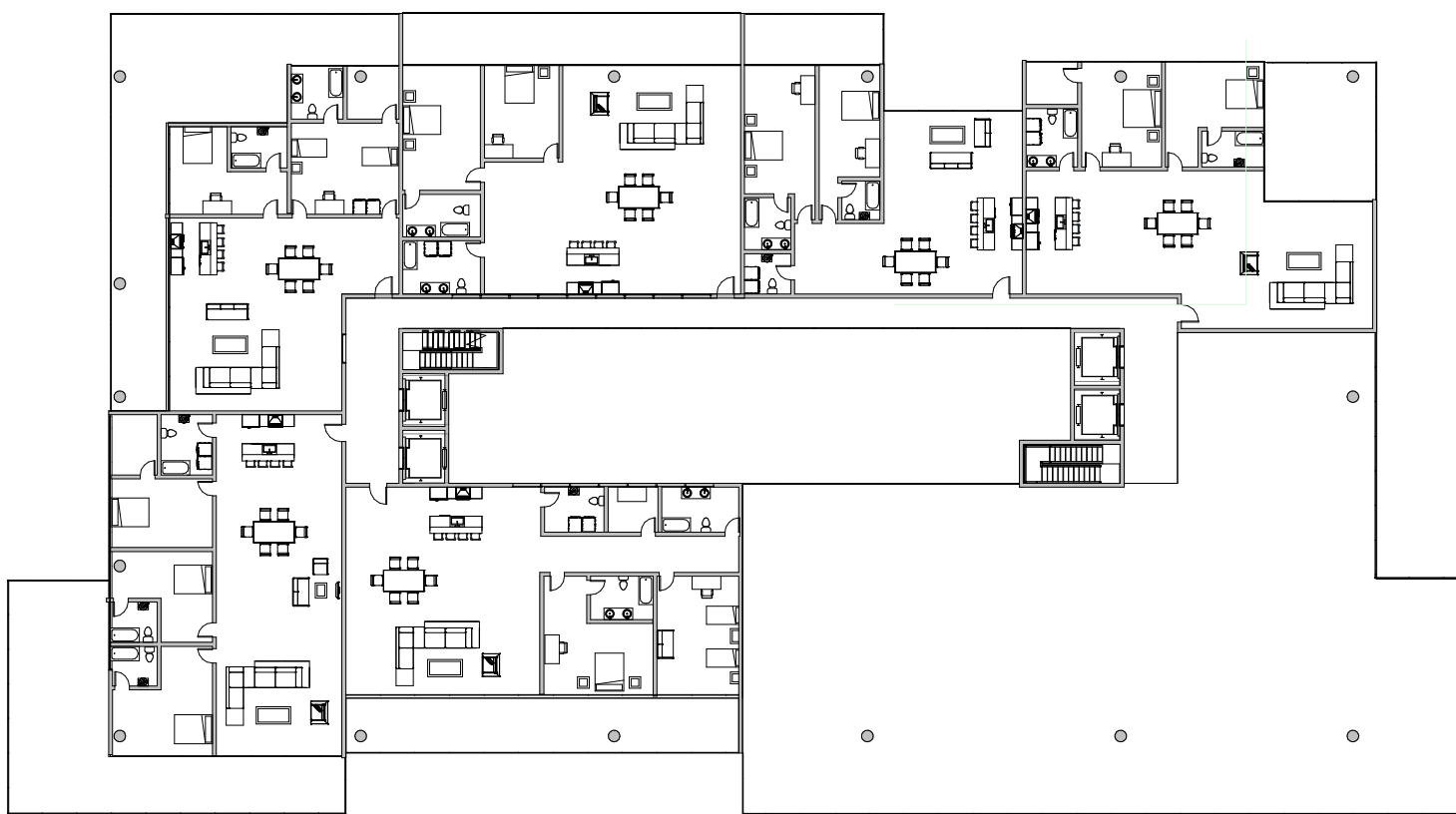
LEVEL 3 (C)



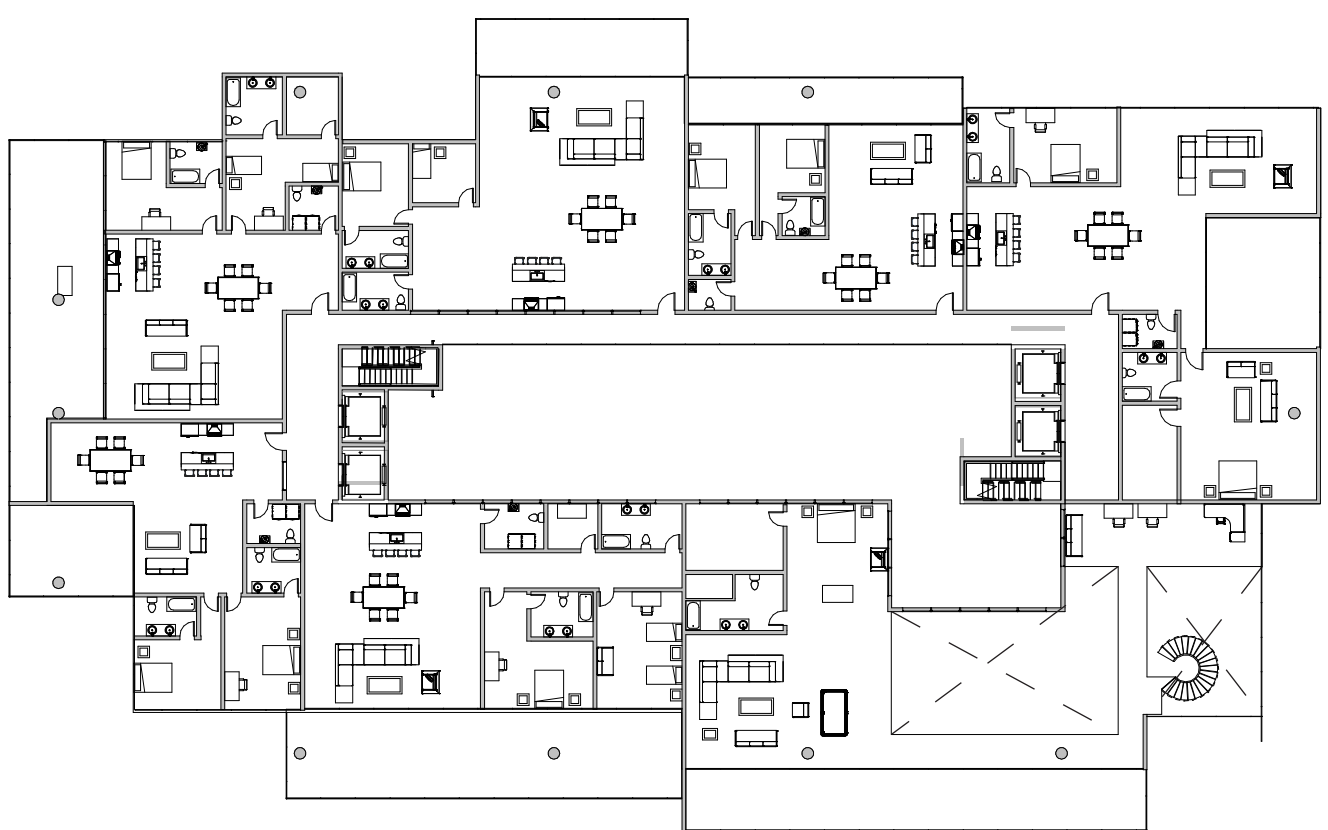
LEVEL 2 (B)



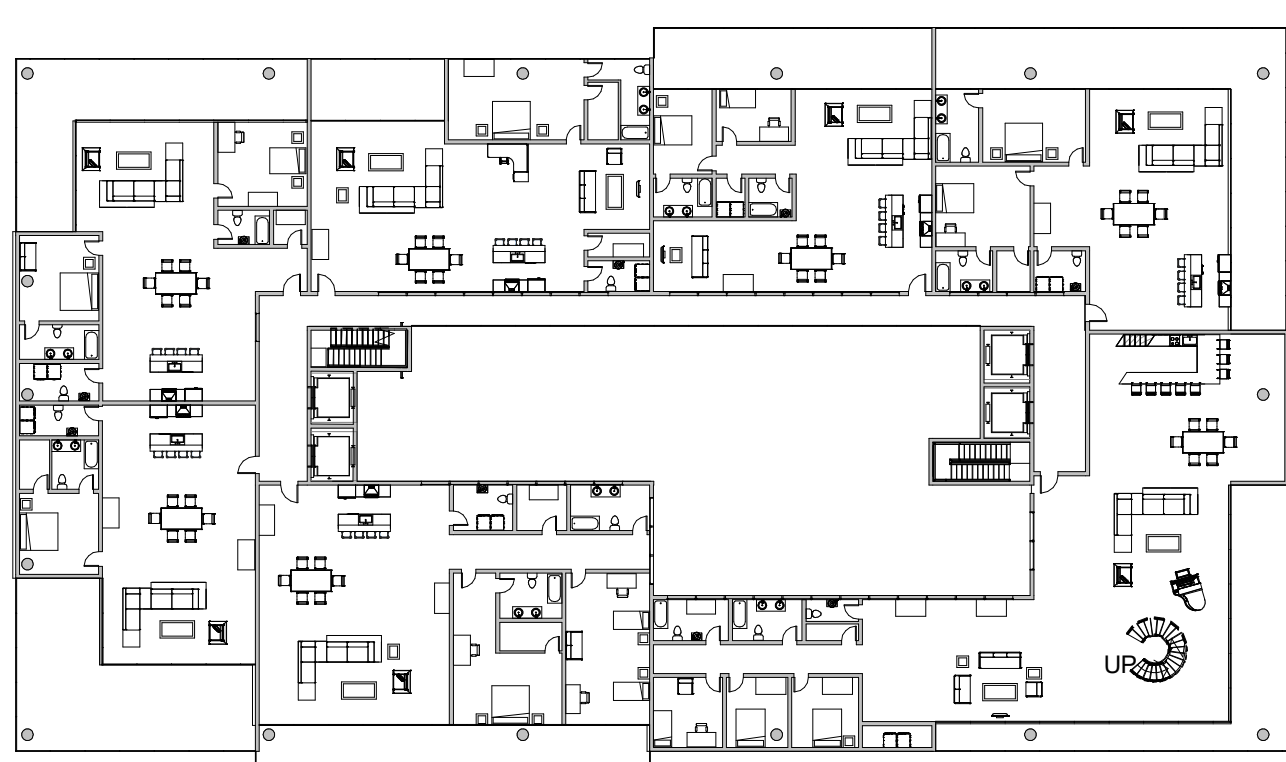
LEVEL 1 (A)



LEVEL 3 (C)



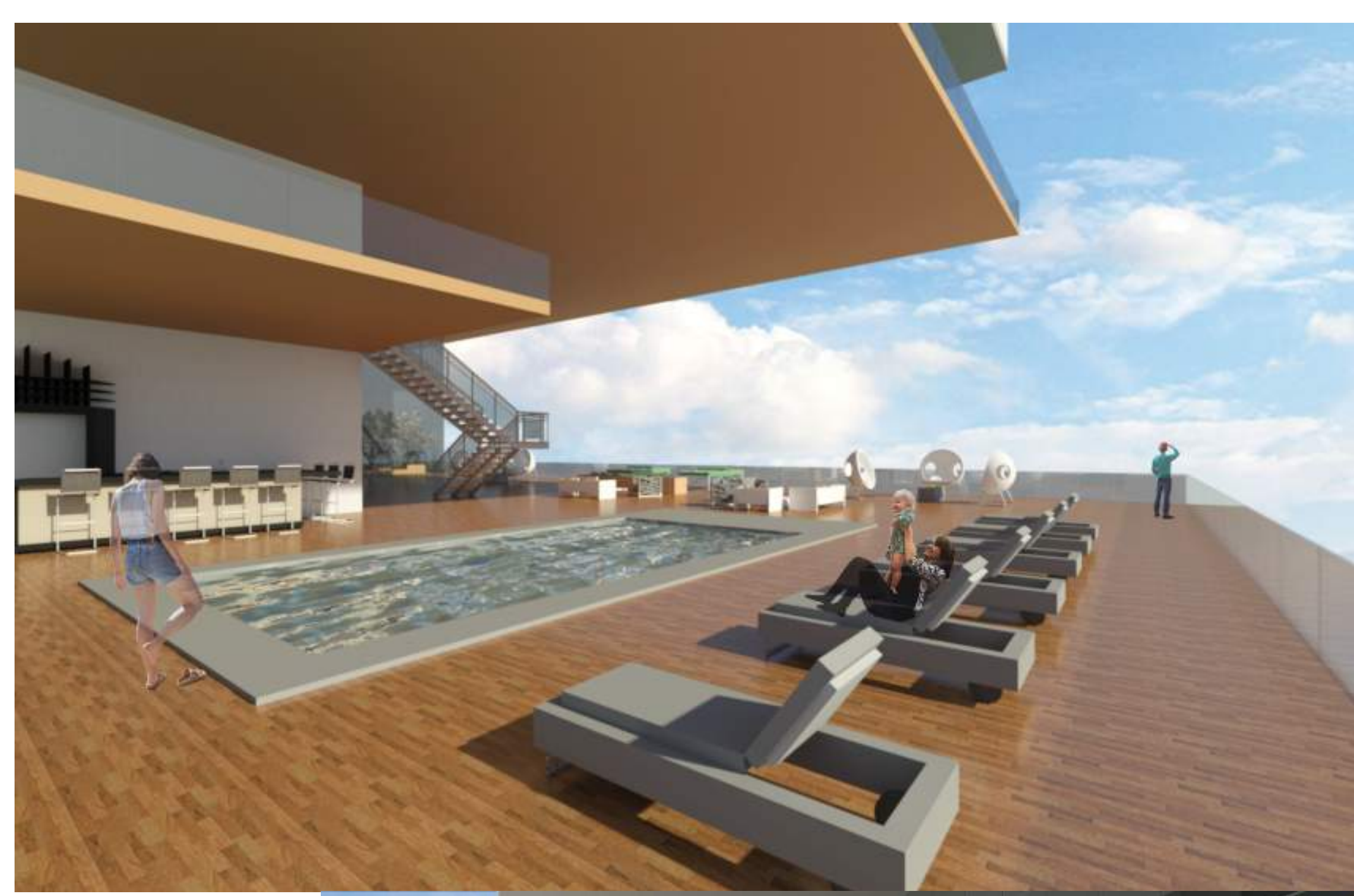
LEVEL 2 (B)



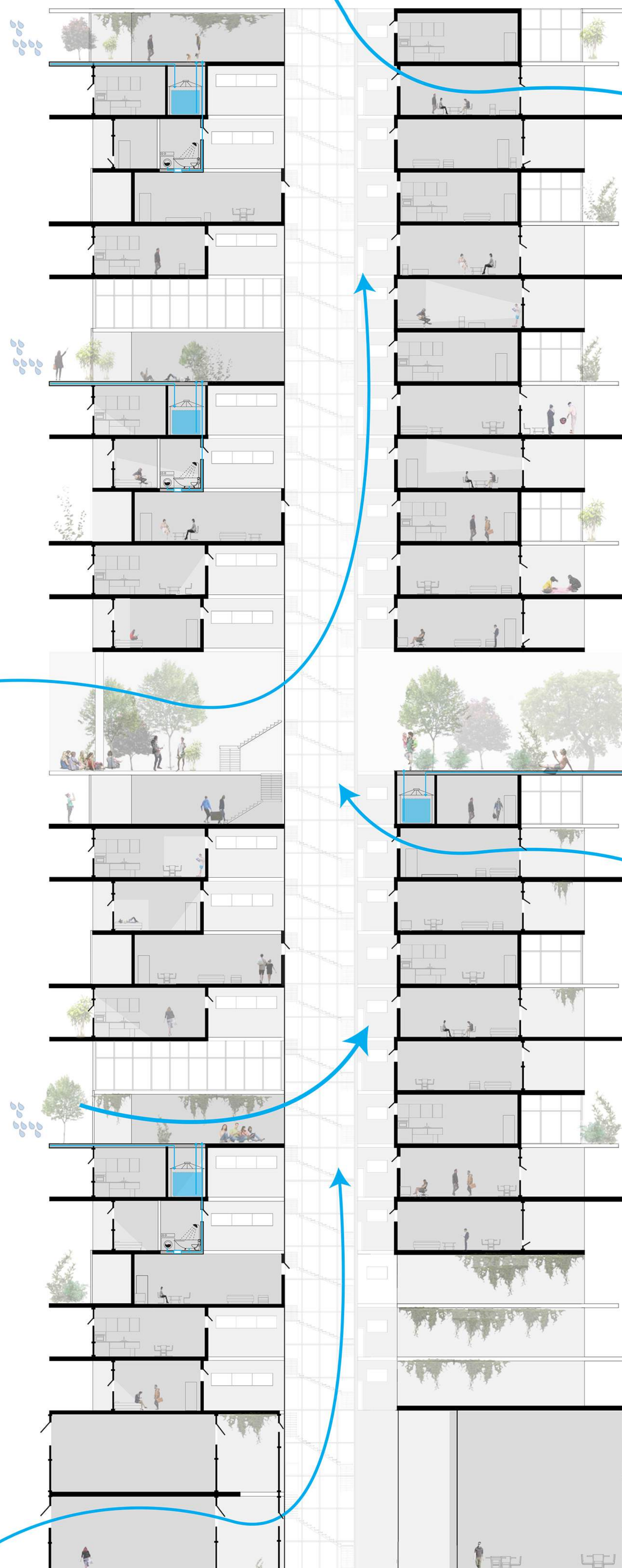
LEVEL 1 (A)

LEGEND

- UNIT
- CIRCULATION
- TERRACE
- COMMUNITY SPACE



SUSTAINABLE SECTION DIAGRAM



ZERO NET CARBON:

EUI: 14 kBtus/sq ft yr

CUI: 2.6 lbs CO₂e/sf yr

