Hom-merce

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Mission Statment

To create a safe and affordable space for underpaid women and families that reinvents the existing commercial-residential typology and blurs the commercial world with the domestic.

1. How can we reimagine the existing commercial-residential typology in a way that would benefit the residents and provide them with a stable source of income?

2. How can we create a space that improves the psychological health and well-being of low-income workers?

3. In an area dominated by men and a country where the male labour force recieves more opportunities and a higher salary than women, how can we create an safe and affordable space that creates more opportunities for women and families who would benefit from the relatively low rent in both industries areas?
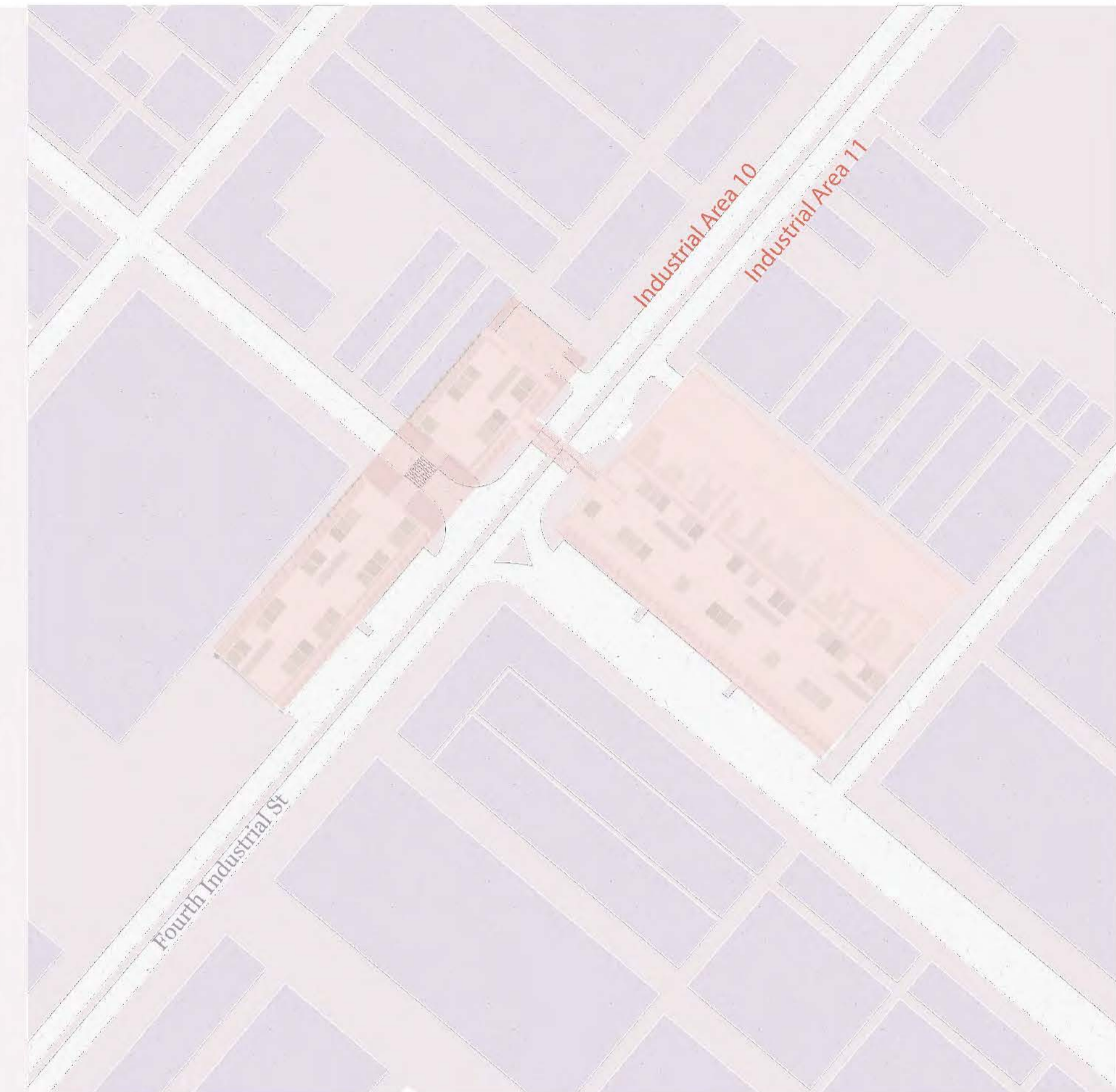

Urban Typology

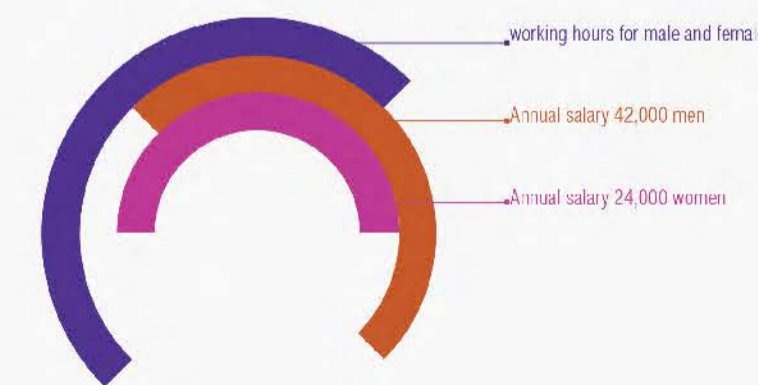Commercial | Residential Border

Commercial boundary

Industrial Area 10
Industrial Area 11

Vertical boundary

Commercial space in the bottom and the residental spaces on the top

Industrial Area 10
Industrial Area 11
Fourth Industrial St

Wage Discrimination

The median salaries and working hours for male and female workers

working hours for male and female
Annual salary 42,000 men
Annual salary 24,000 women

Number of domestic workers in the UAE by gender, 2016

219k
87K

Female   Male
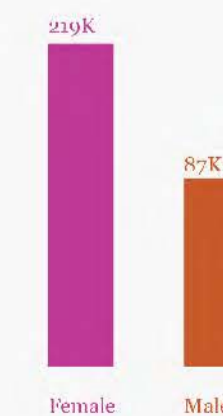
Common jobs for women in the UAE

Domestic | Seller | Retail shops | Receptionist | Chef | Janitor | Waitress | Tailor | Driver | Secretary | Social Worker
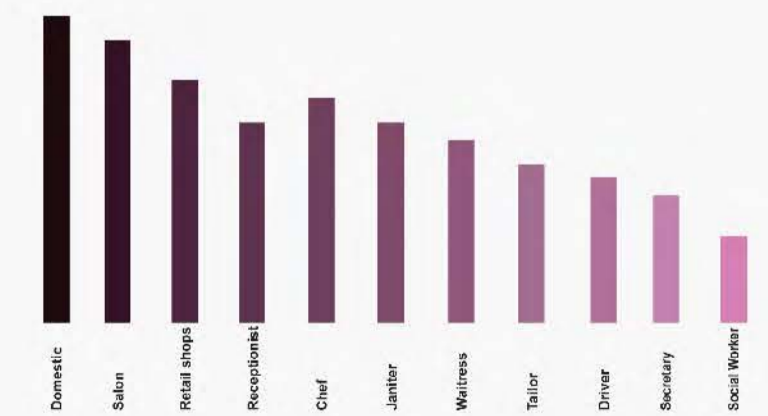
Commerce
Existing Typology

Residential

Commercial

Shops

Types of Commerce
Retail
Industrial
Food & Drink
Services

Residential Floors
Housing completely separated from any commercial activites

Commercial Strip
Mainly retail services involving the selling of material goods

Commerce
Reimagined
Blurring the Boundary

Residential
Commercial
Residential
Commercial
Residential
Commercial
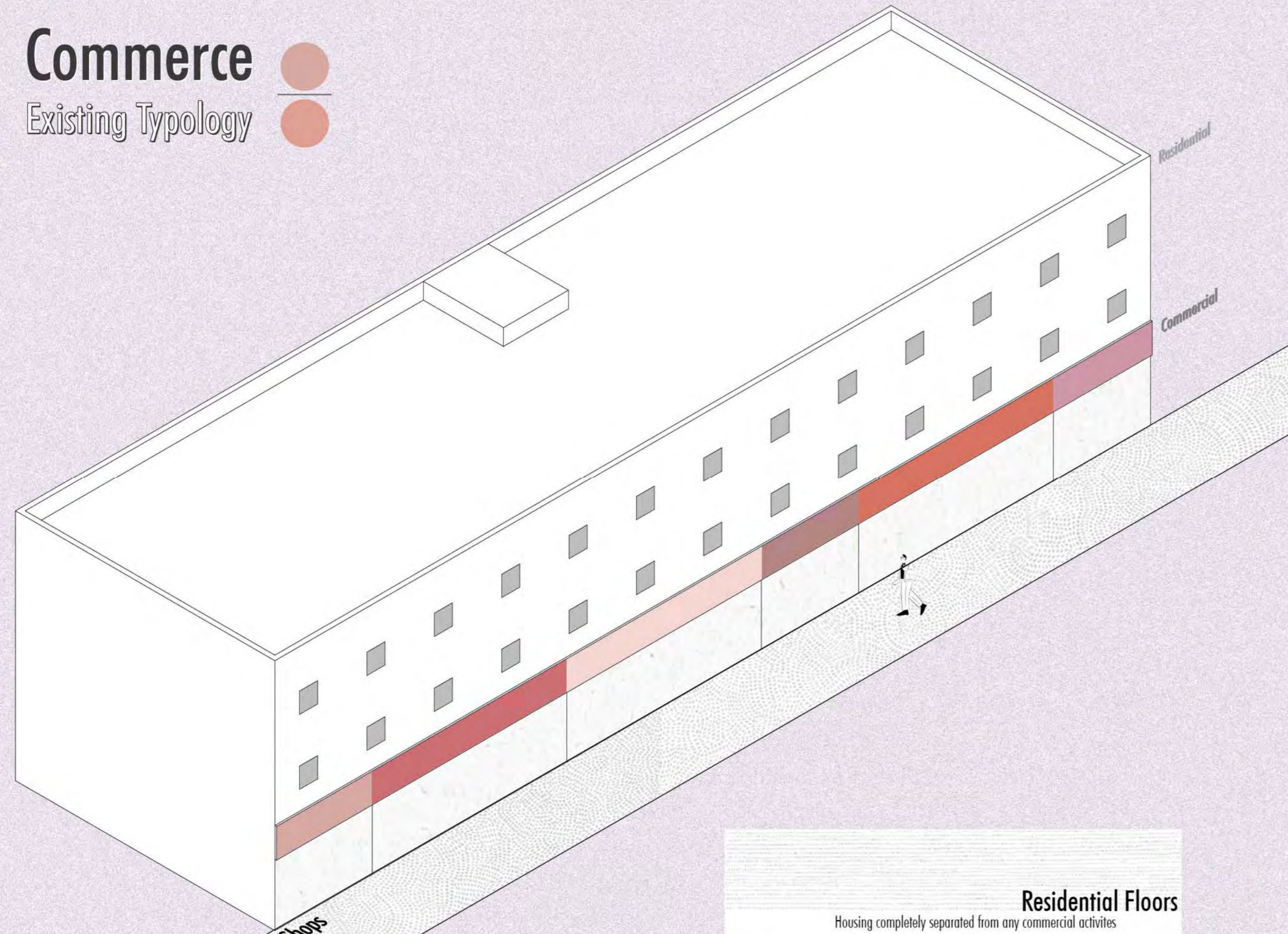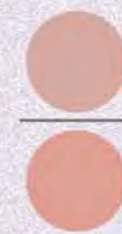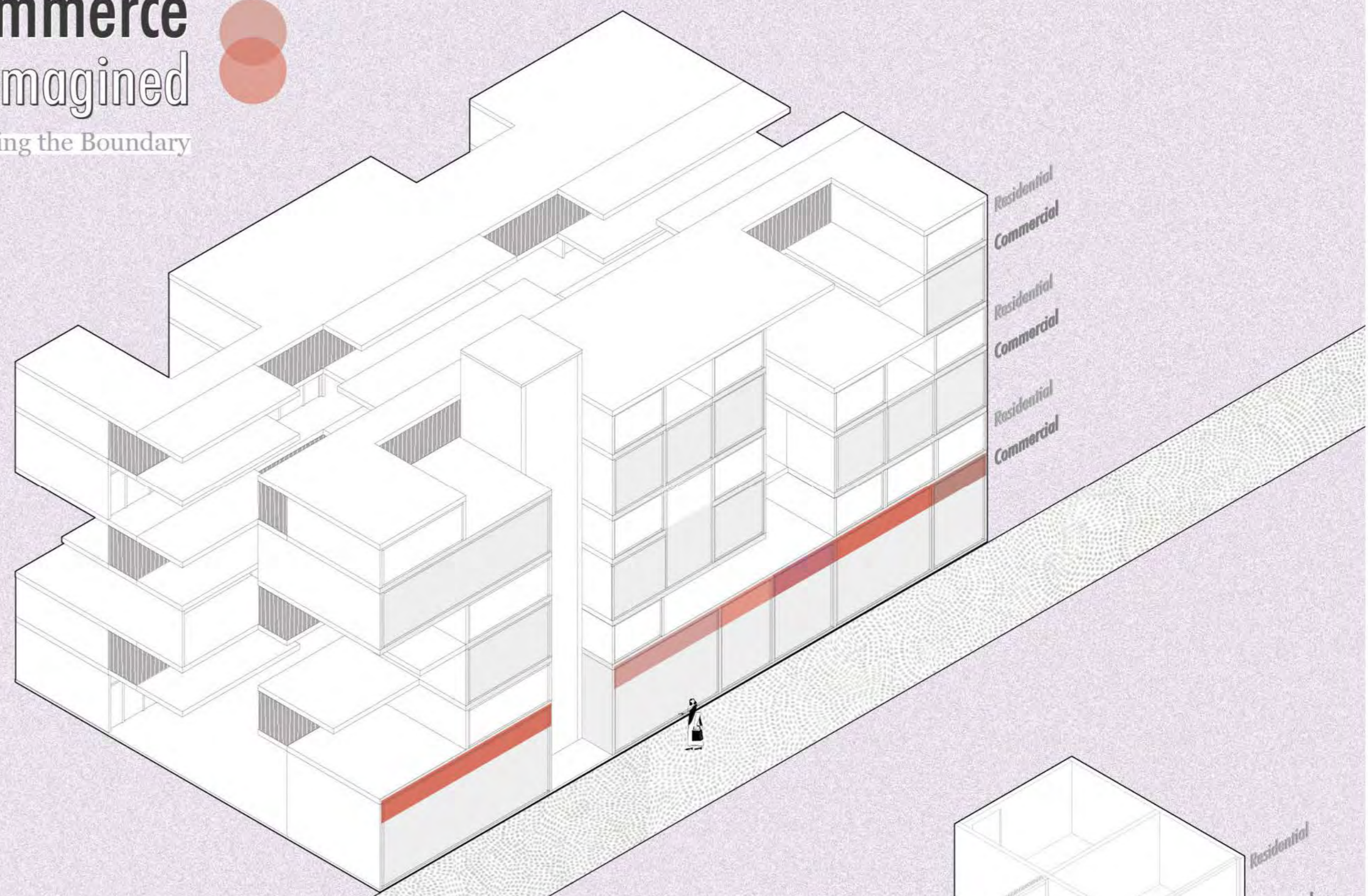
Residential
Commercial

Types of Commerce
Retail
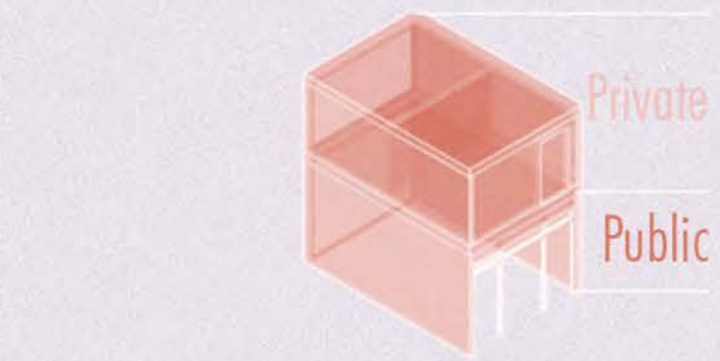Industrial
Offices
Food & Drink
Family Owned
Freelance
Services
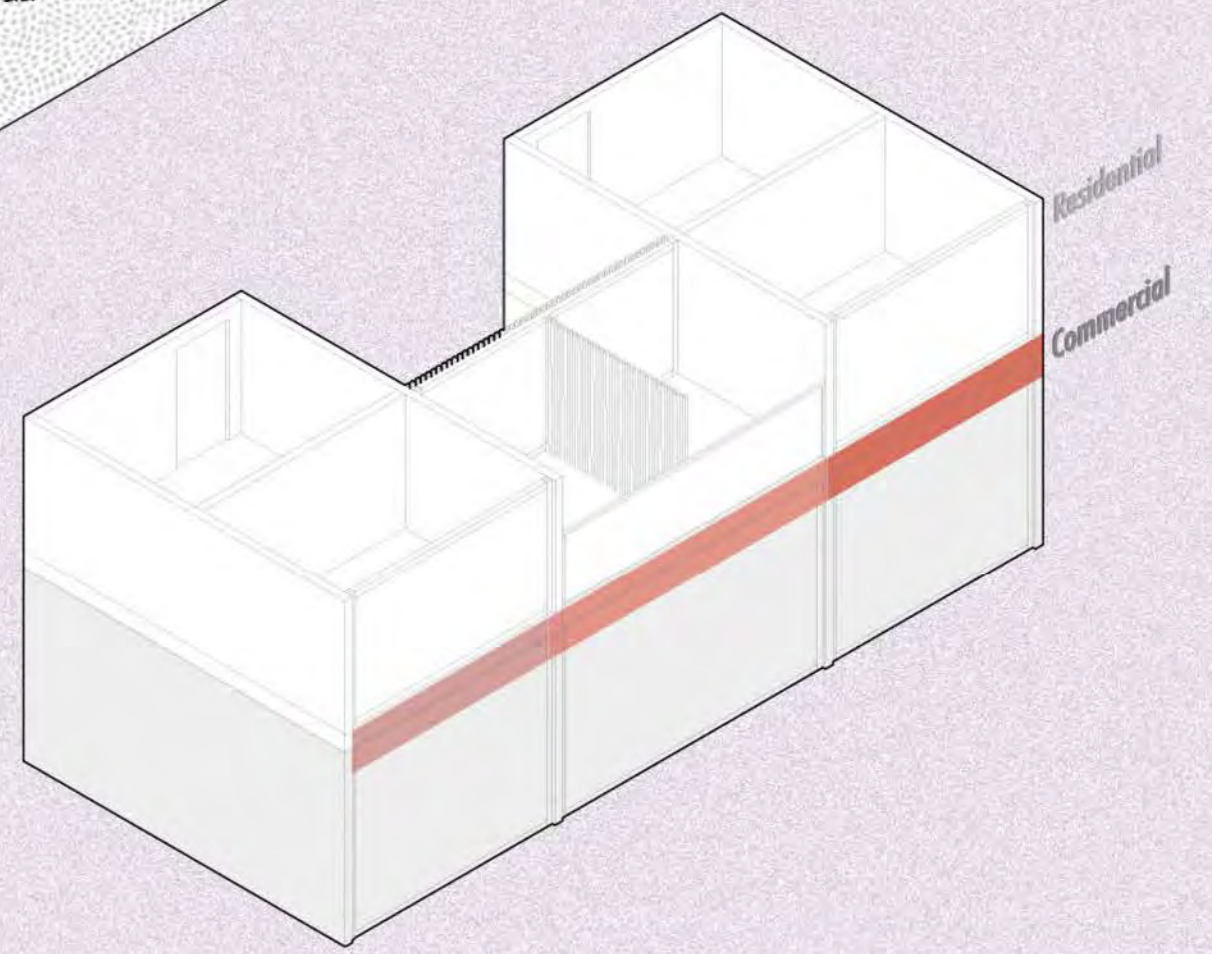
Unit containing both commercial and residential functions stacked to create an adaptable and versatile space that helps its residents find work and financially support themselves
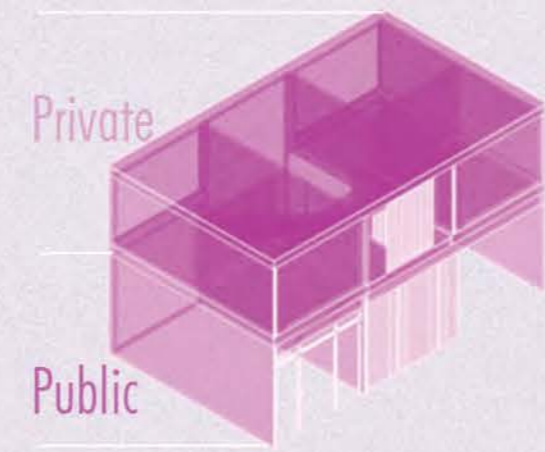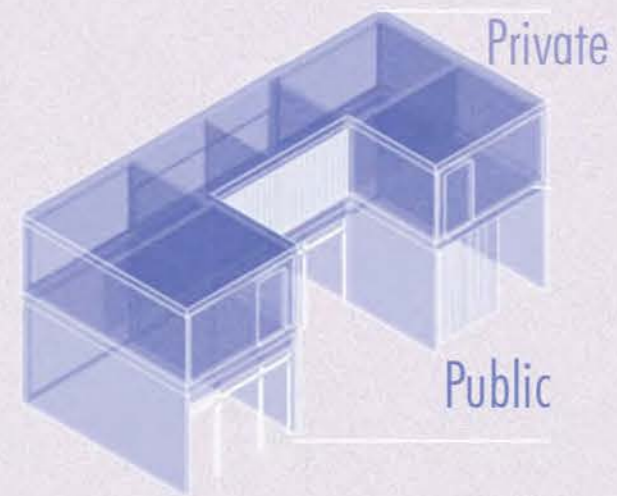
Unit
Catalogue

Unit A

26m²

Private
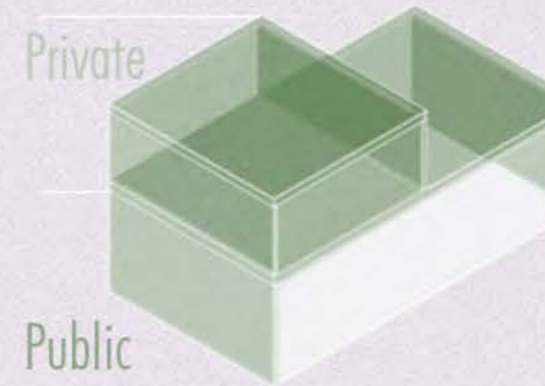Public

Unit B 40m²

Private
Public

Unit C

Private
Public

50m²

Unit D

60m²

Private
Public

Unit E 70m²

Private
Public

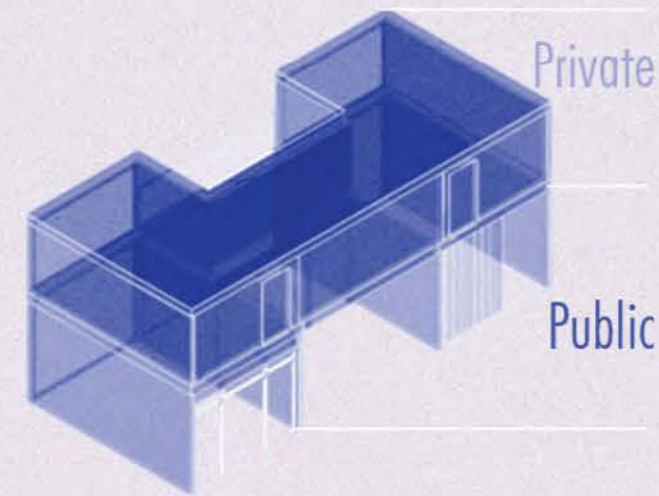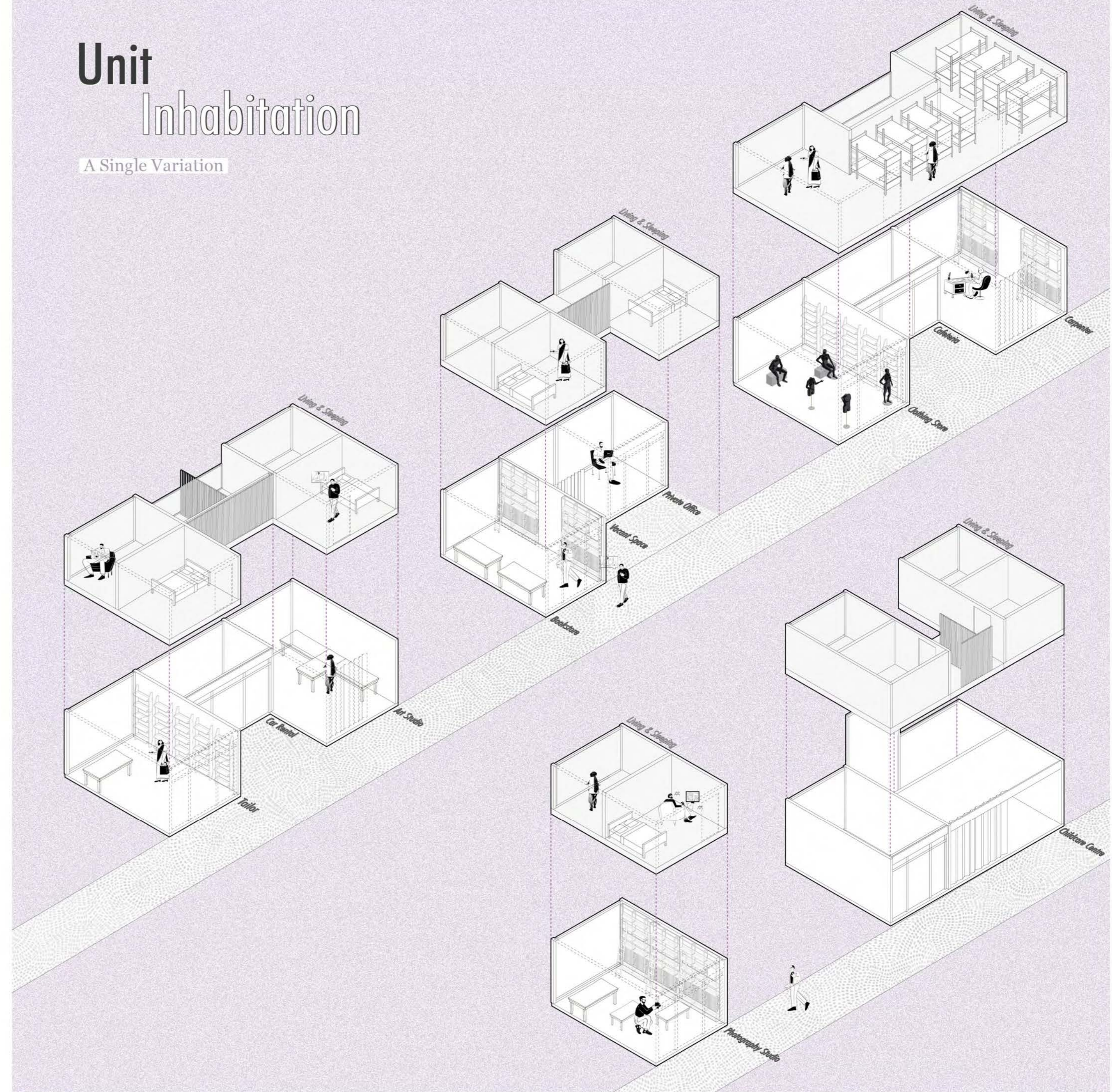40m²

Private
Public

Dining | Toilet

Unit
Inhabitation

A Single Variation

Building Textures

Used for the overall prima-
cy structure for the project.

Precast concrete

For the structure of the
bidge connecting the
buildings.

Steel truss

Extremely lightweight,
simple to install, cost
saving, east to cut, and
fireproof

Realcast concrete

Used for more open public
and commercial spaces
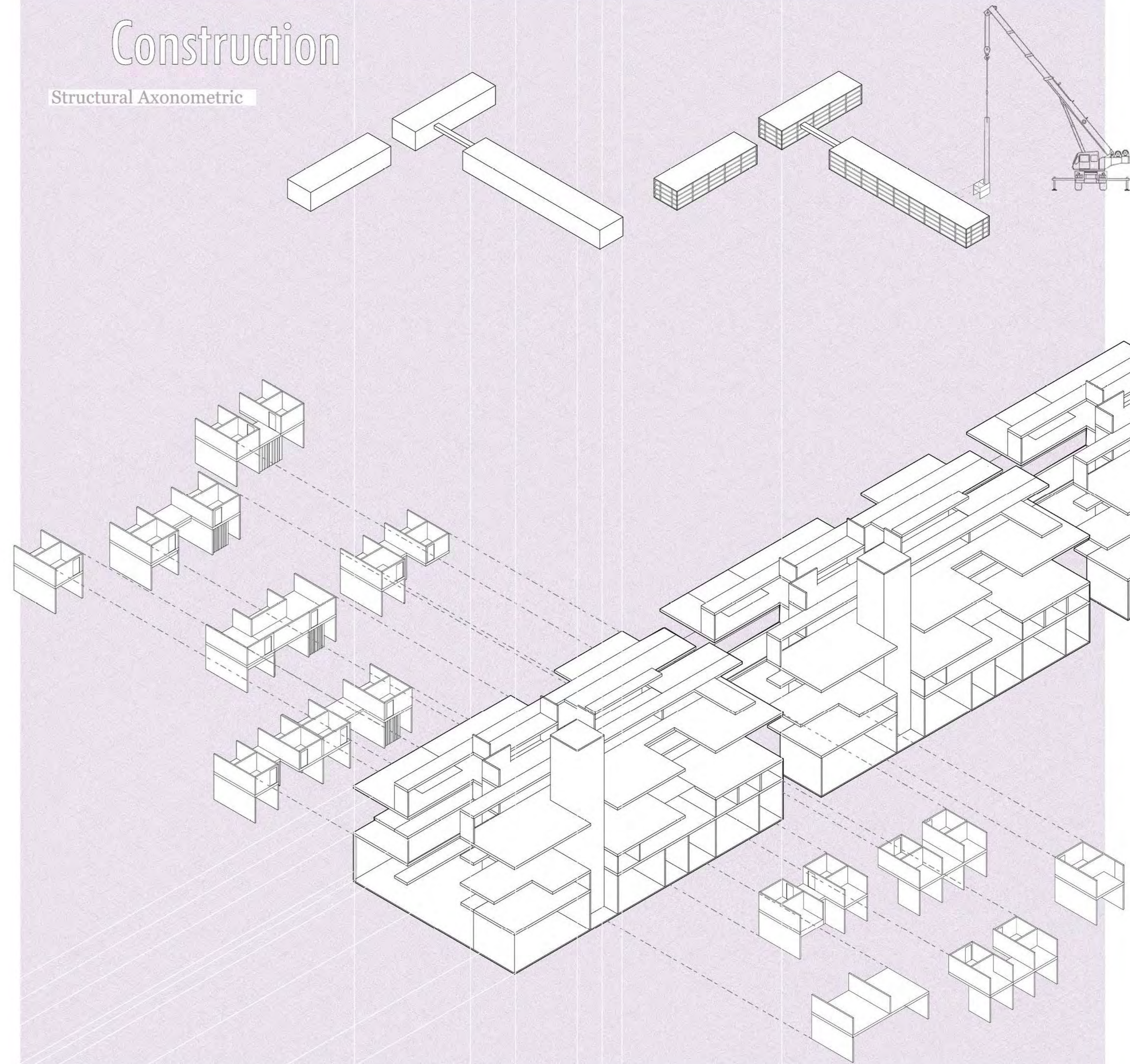
**Transparent clear
glass**

Used forprivate and residen-
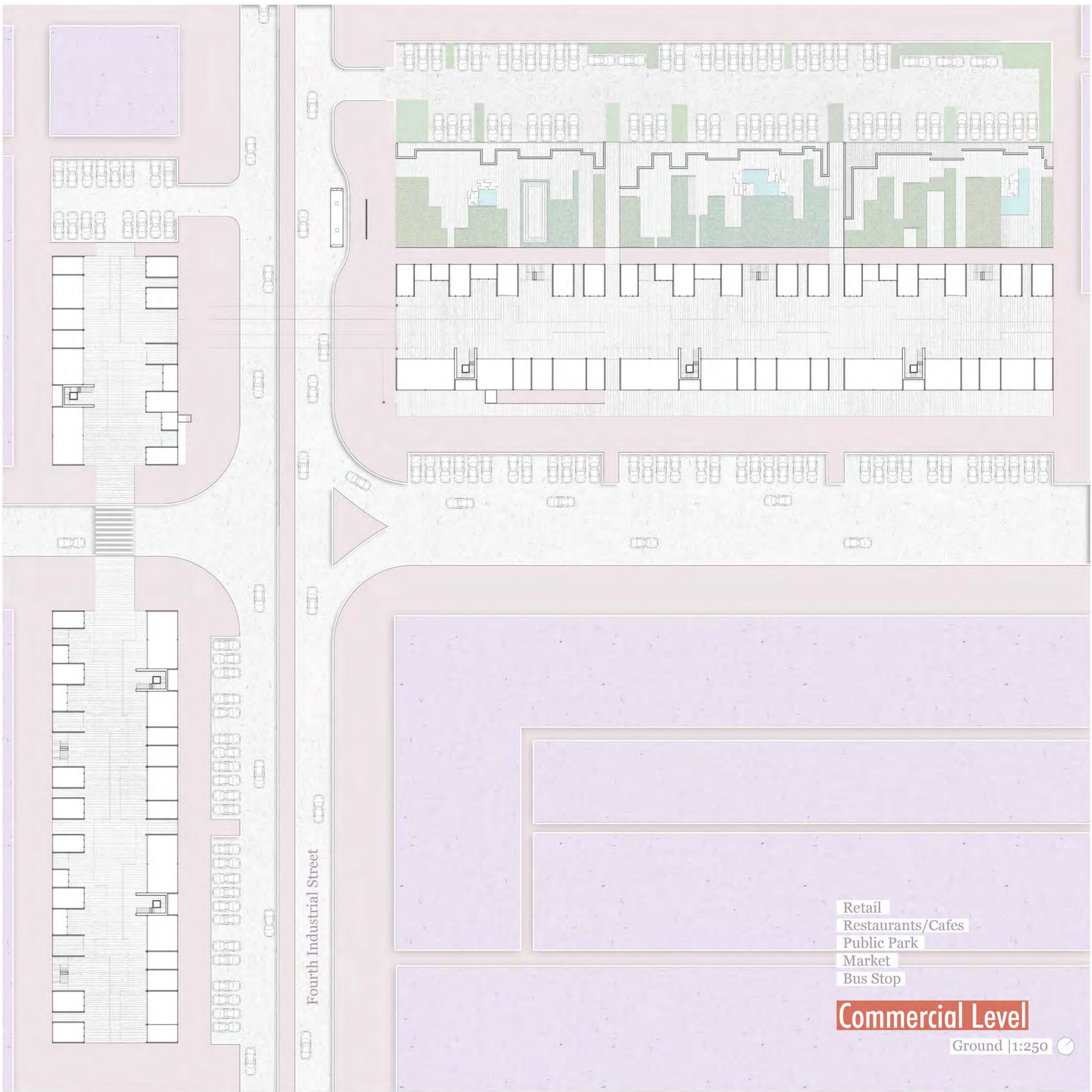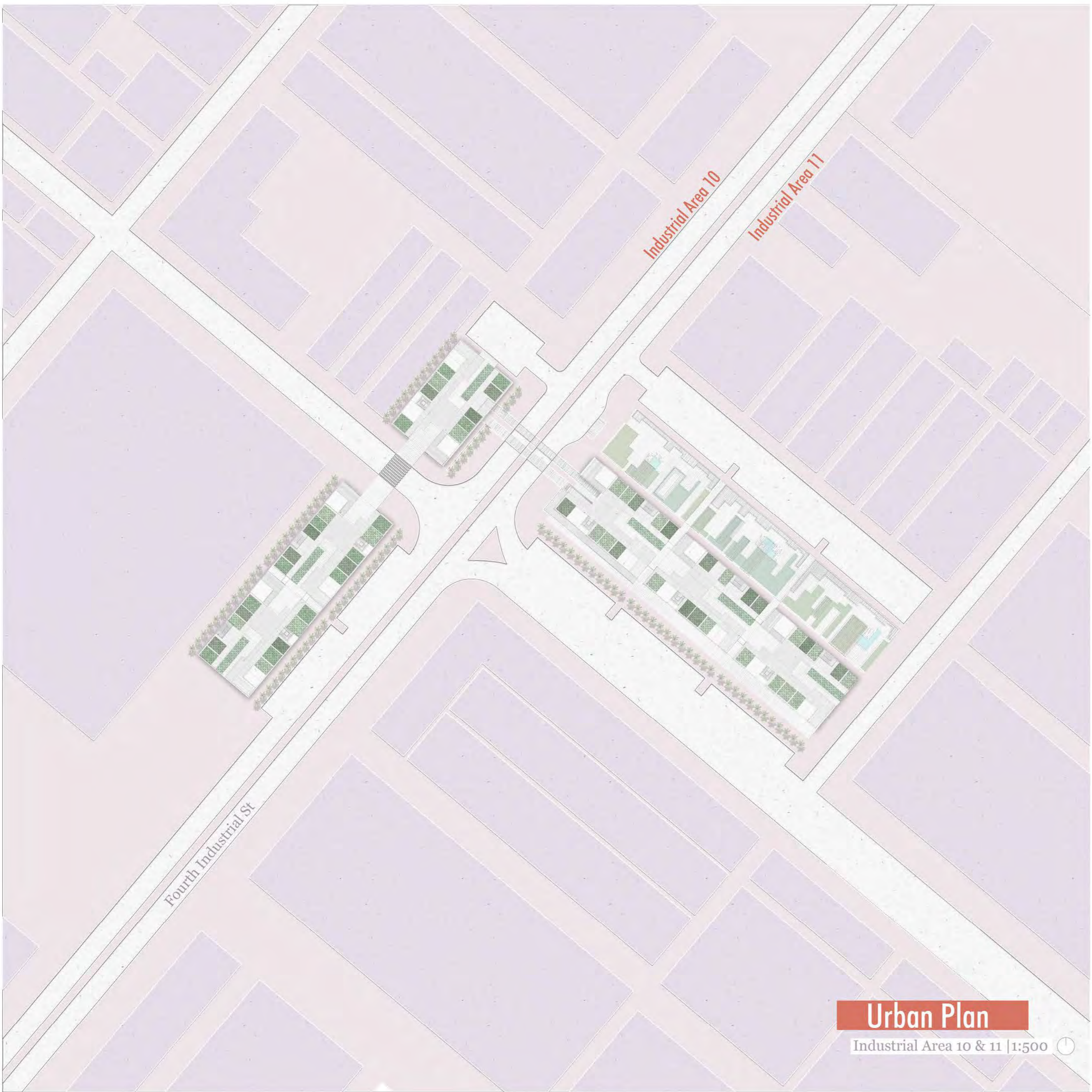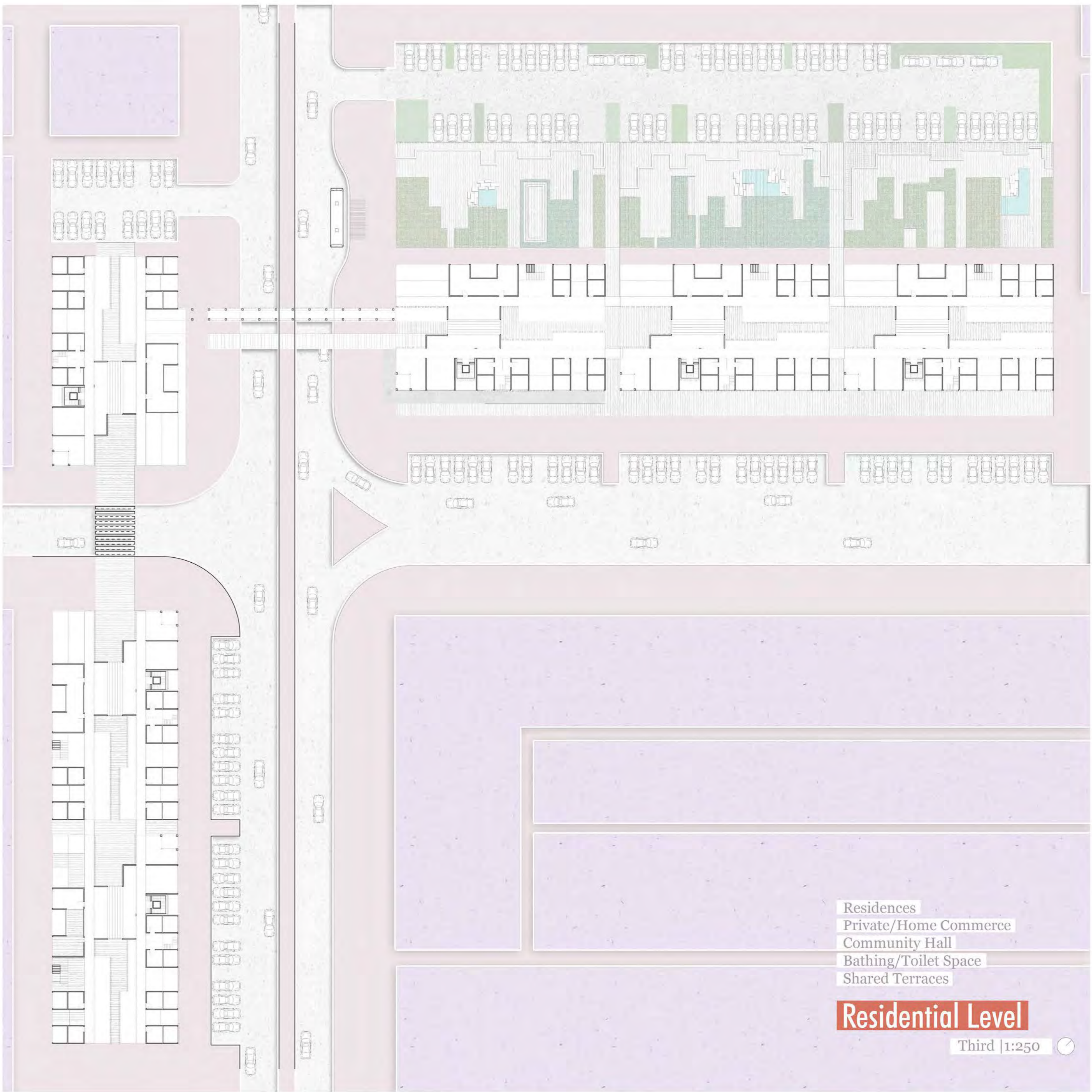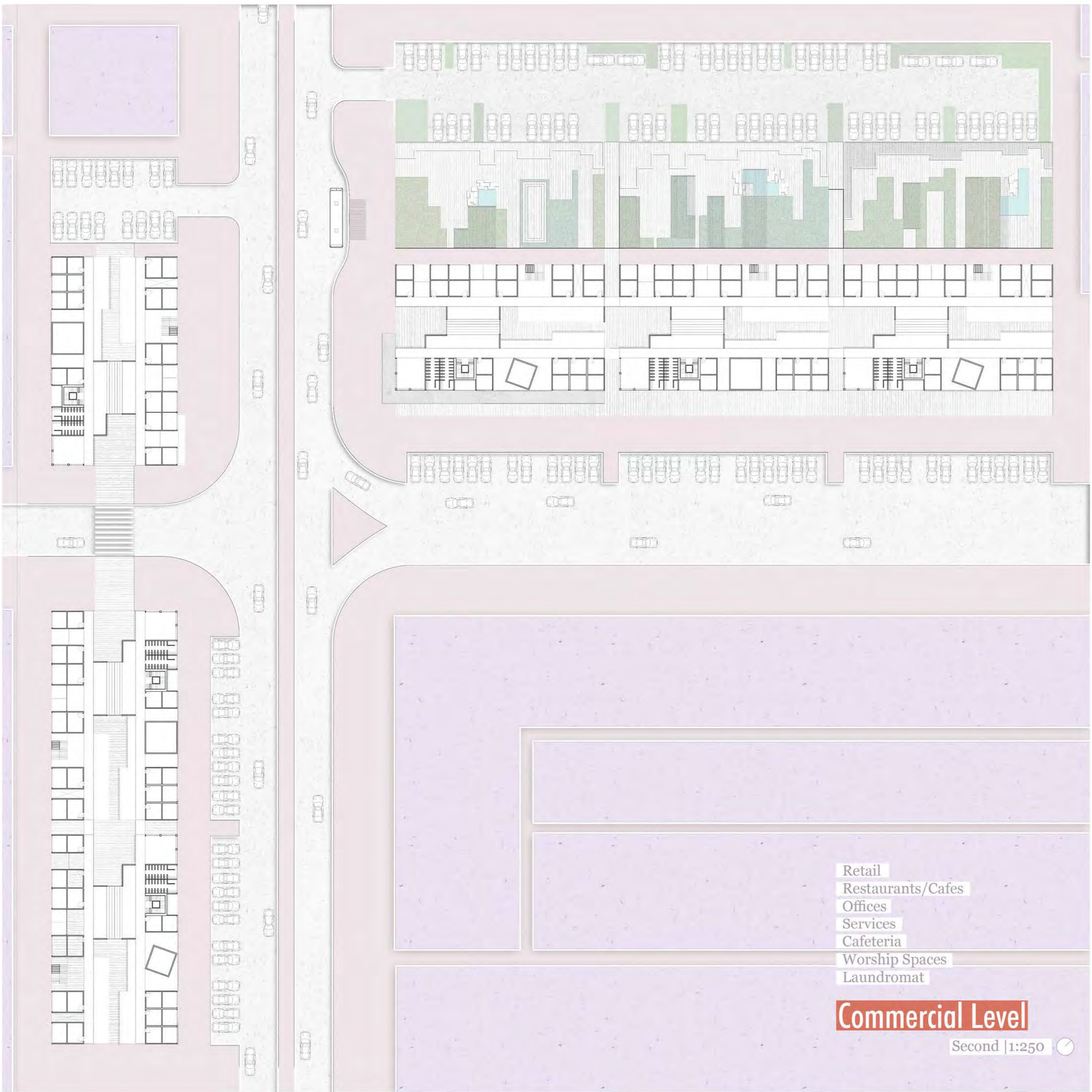tial spaces to enhance
privacy.

Frosted glass

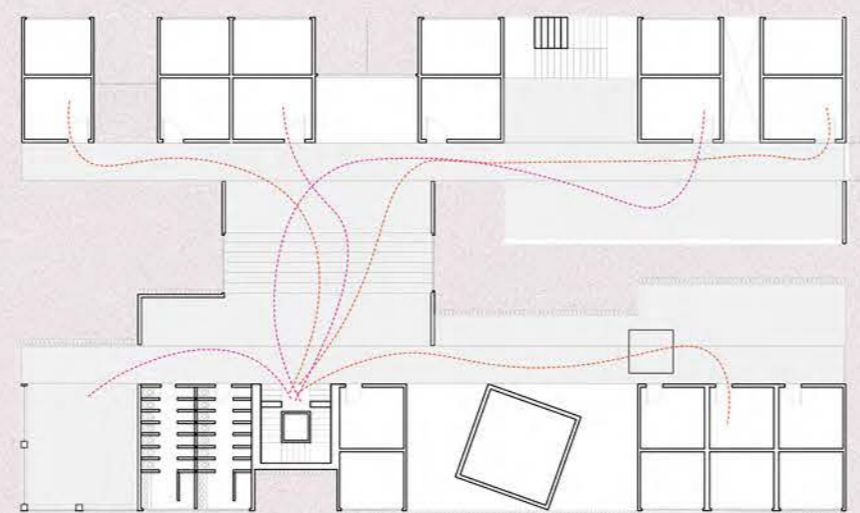# Construction

Structural Axonometric

Industrial Area 10

Industrial Area 11

Fourth Industrial St.

Urban Plan

Industrial Area 10 & 11 | 1:500

Fourth Industrial Street

Retail
Restaurants/Cafes
Public Park
Market
Bus Stop

Commercial Level

Ground | 1:250

Retail
Restaurants/Cafes
Offices
Services
Cafeteria
Worship Spaces
Laundromat

Commercial Level

Second | 1:250

Residences
Private/Home Commerce
Community Hall
Bathing/Toilet Space
Shared Terraces

Residential Level

Third | 1:250

Roof Gardening
Sports Courts
Seating / BBQ Areas
Kids Play Area

Roof Garden
Without Canopy | 1:250
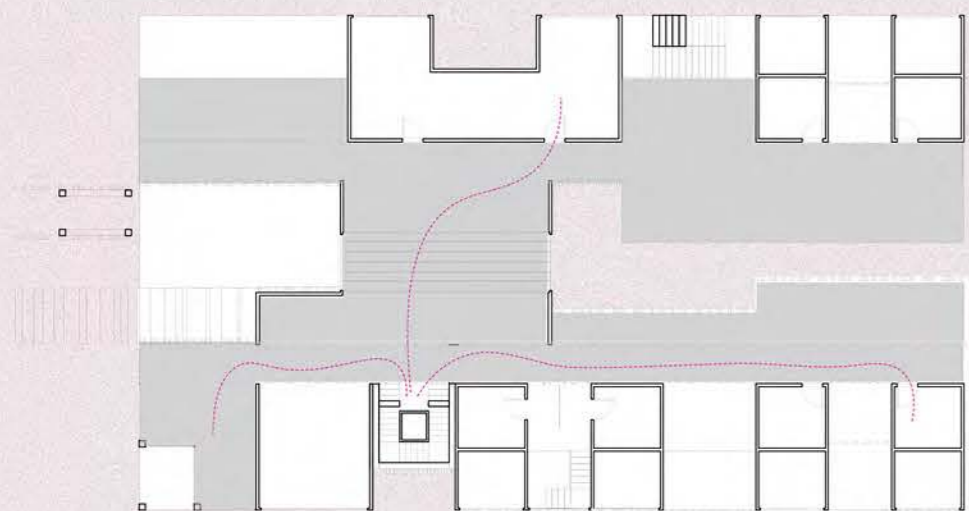
Roof Level
With Canopy | 1:250

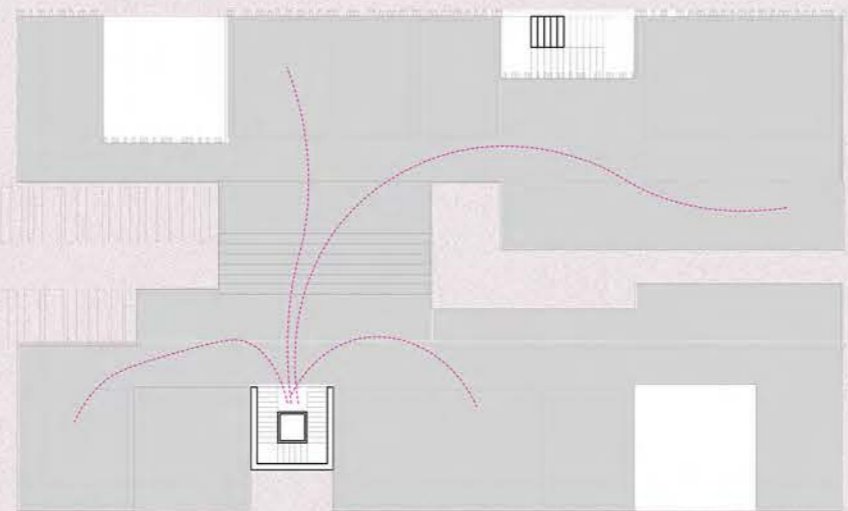# Movement & Flow

Public Circulation

Private Circulation

Residents Routes

Visitor Routes
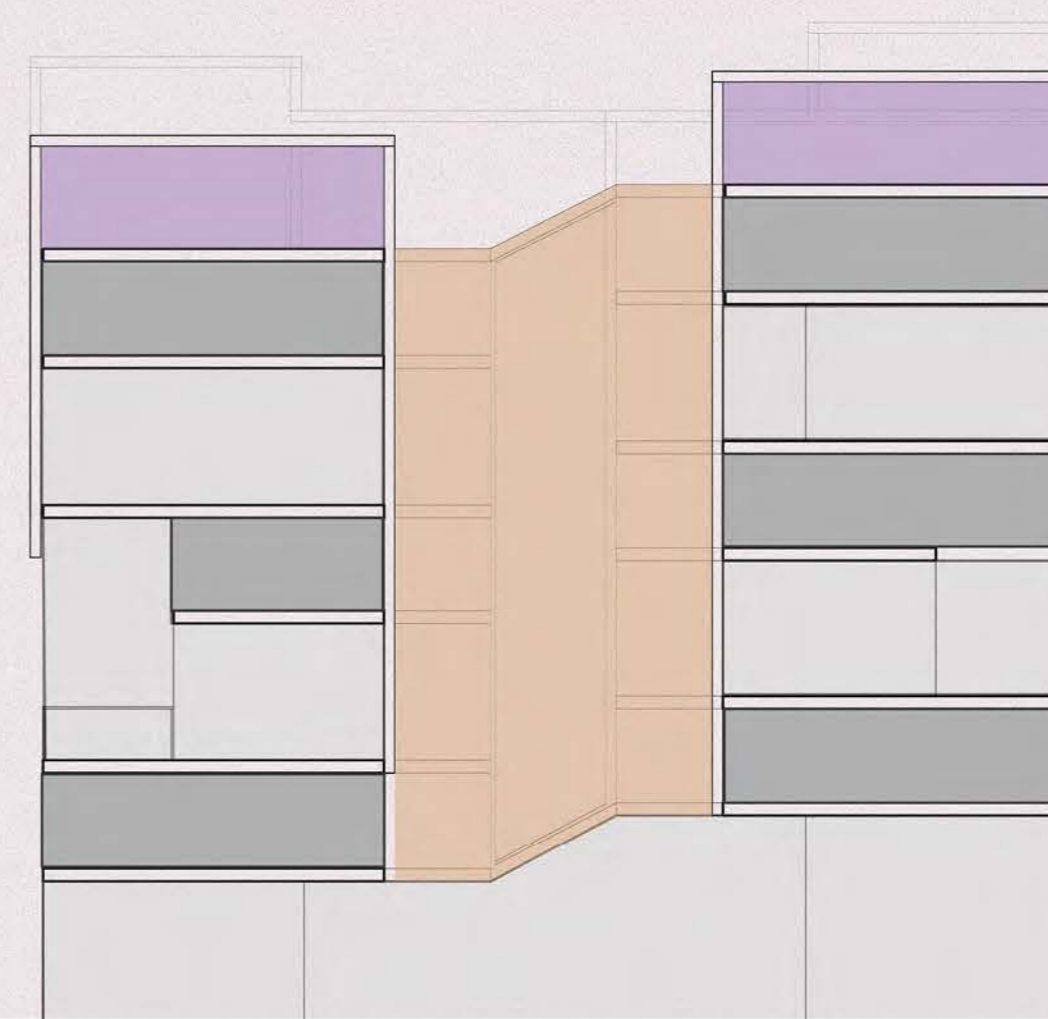

Ground Level

Commercial Level

Residential Level

Roof Level

Ciculation Diagram

Space Distribution

Sectional Diagrams

Commercial Spaces

Residential Spaces

Communal Spaces

Circulation Core

Structure