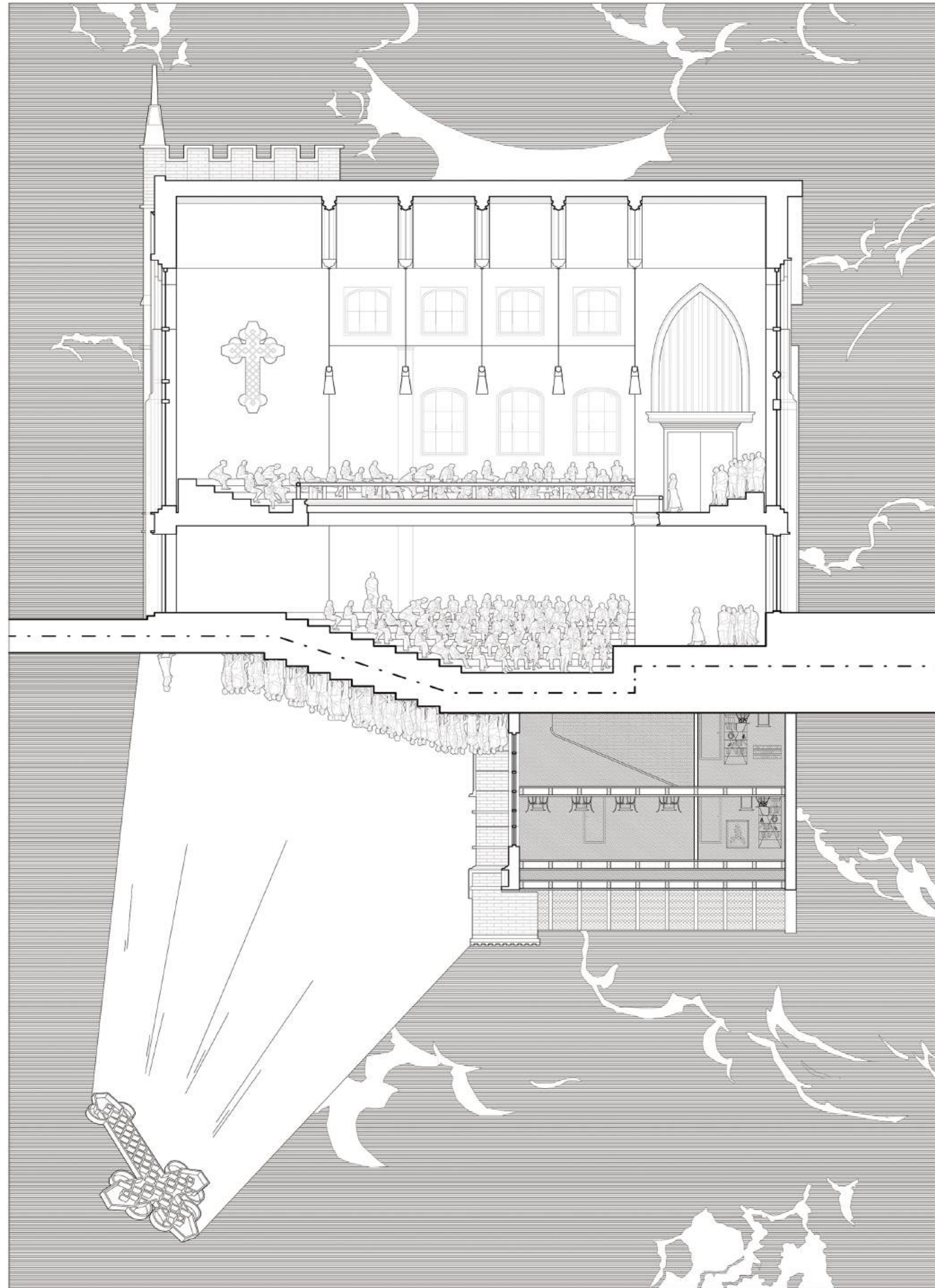


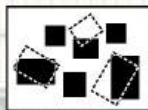
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JOE ZHANG'S PORTFOLIO
2022-2025

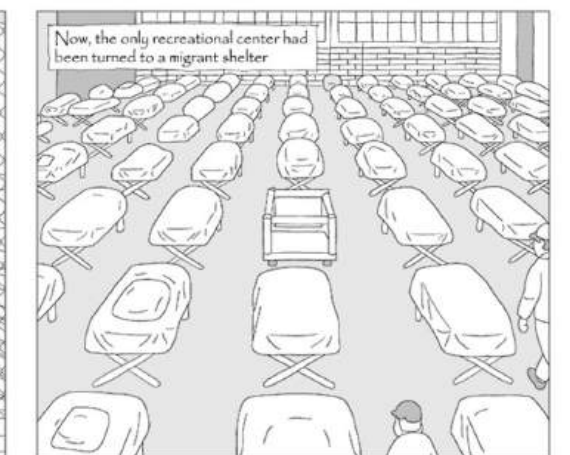
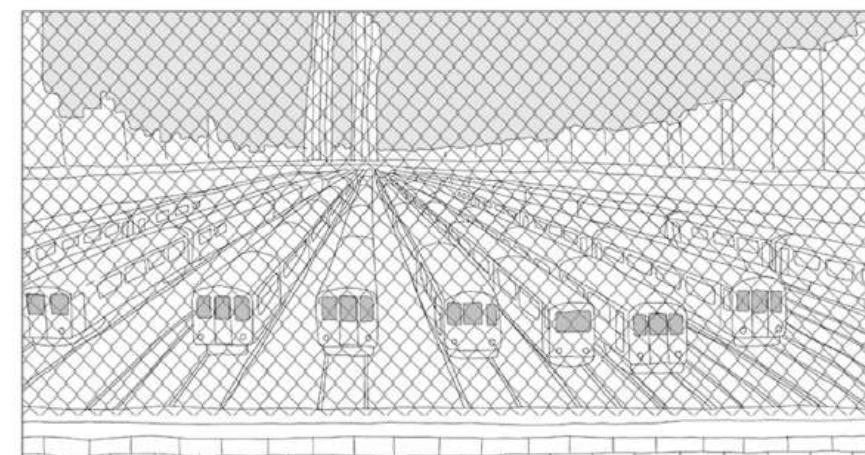
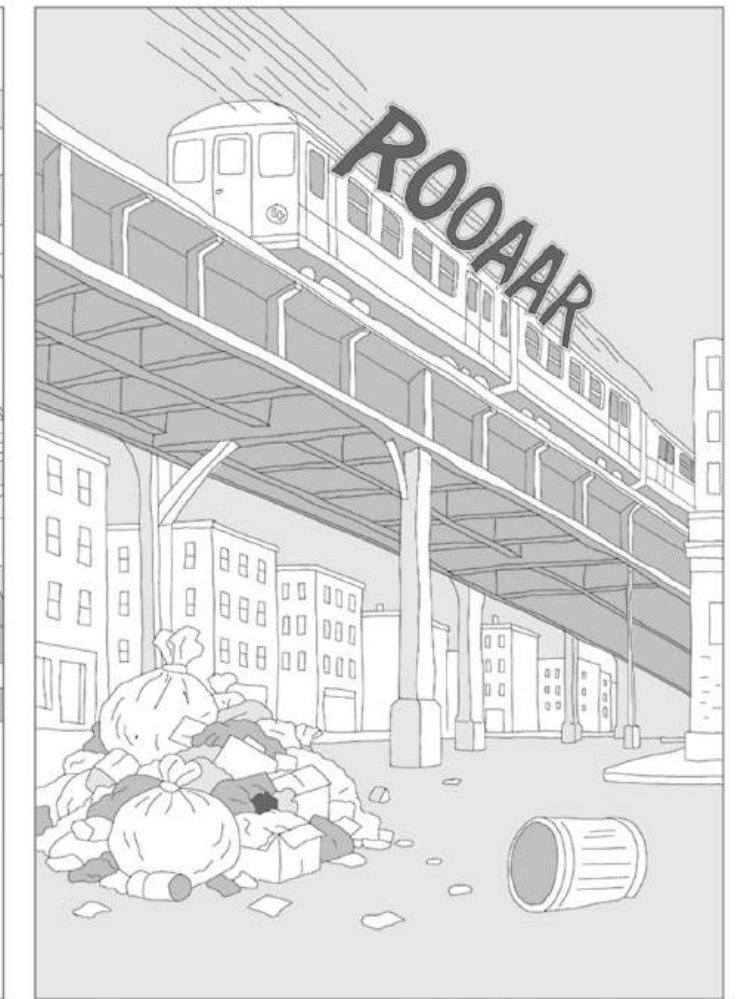
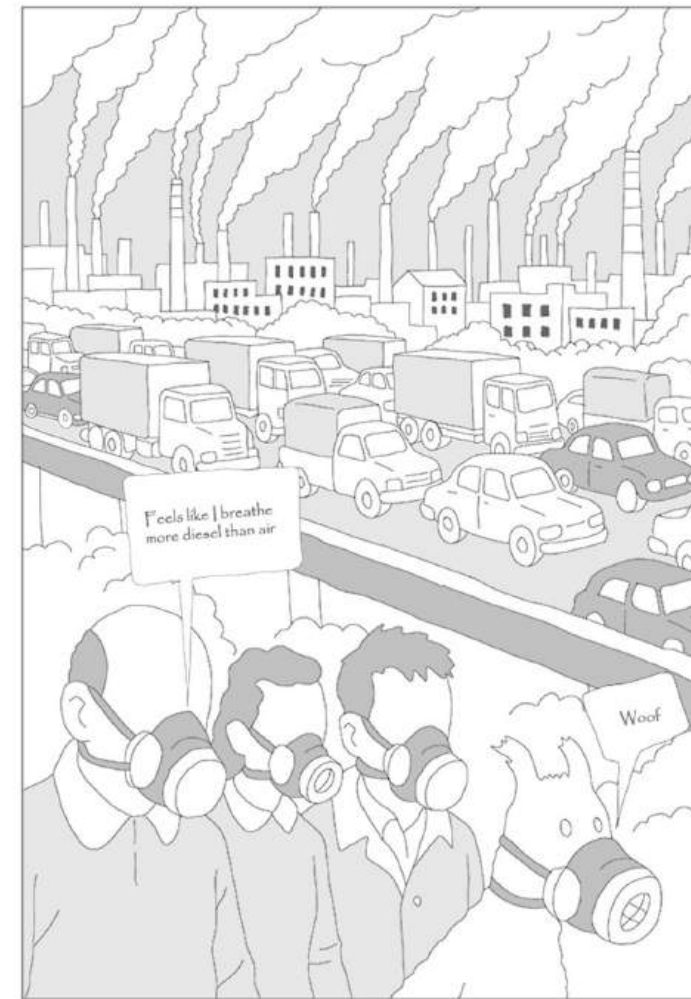


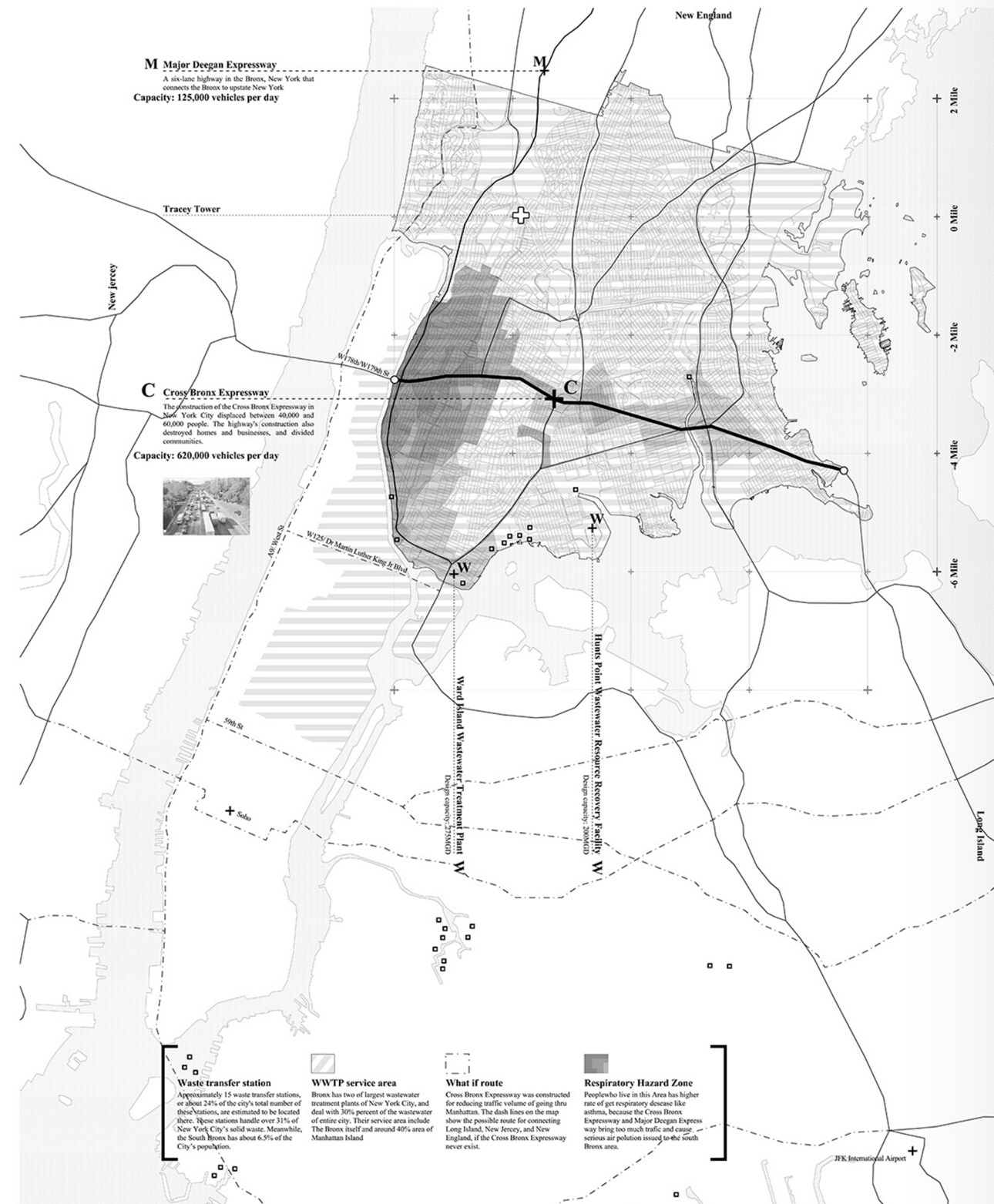
[SPECULATOR]

JOE ZHANG'S PORTFOLIO
2022-2025



01. THE LAST OASIS
2025 Spring ADV IV
Cautionary Tale
Instructor: Galia Solomonoff
Site: New York, NY

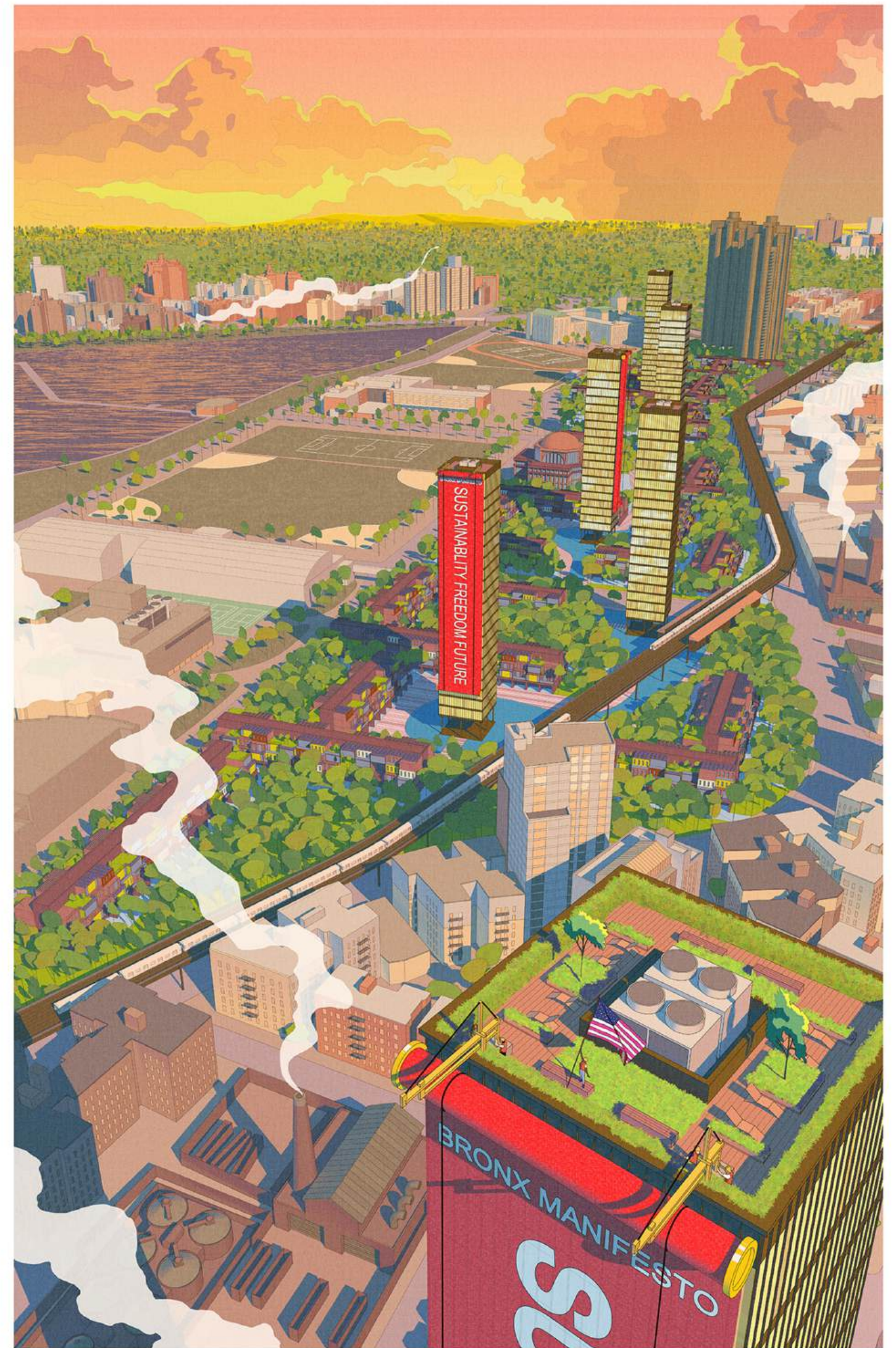
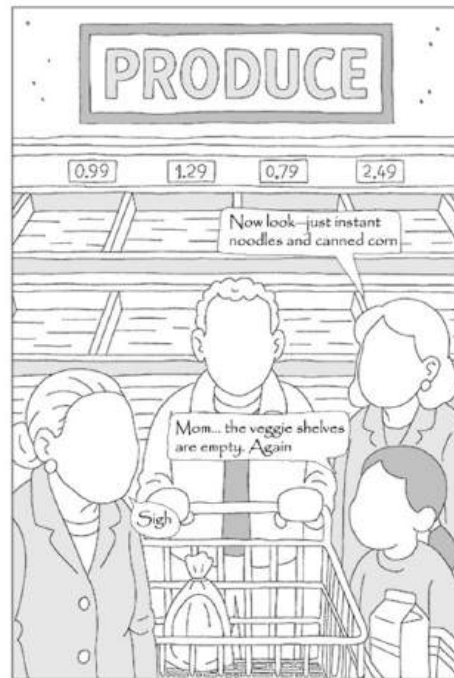
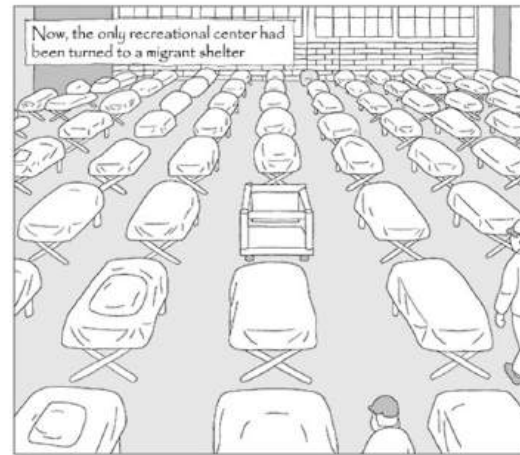
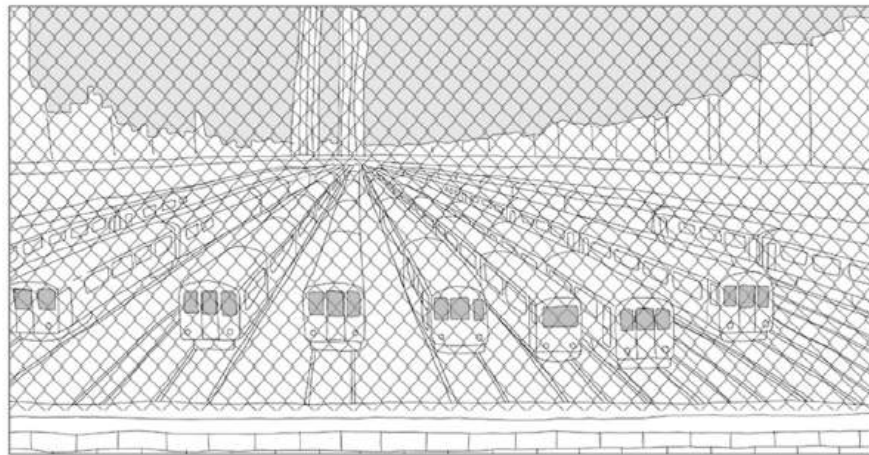
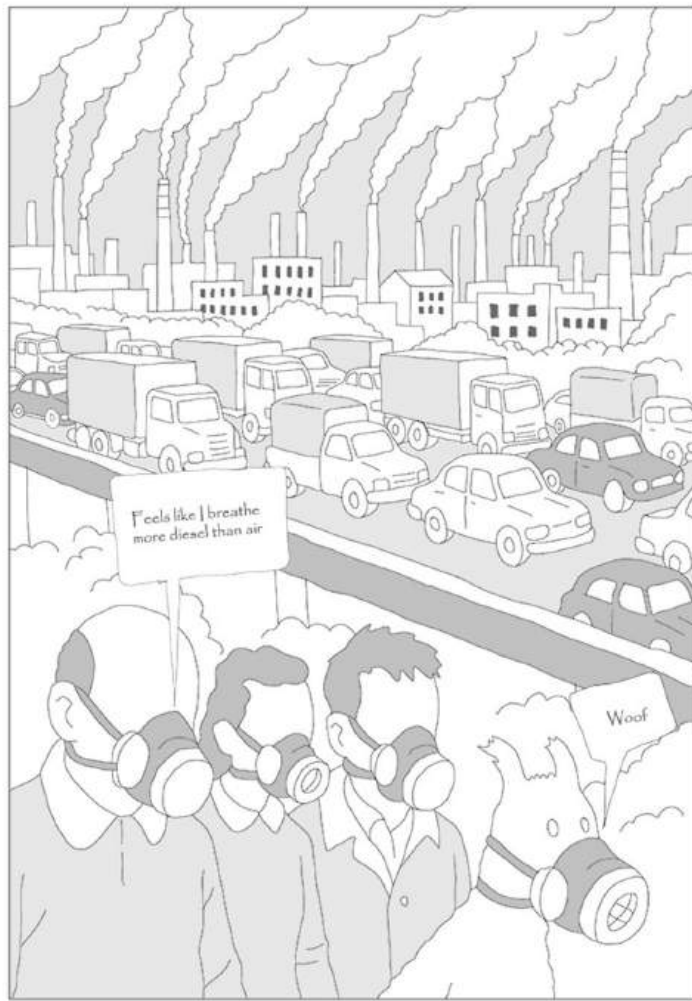


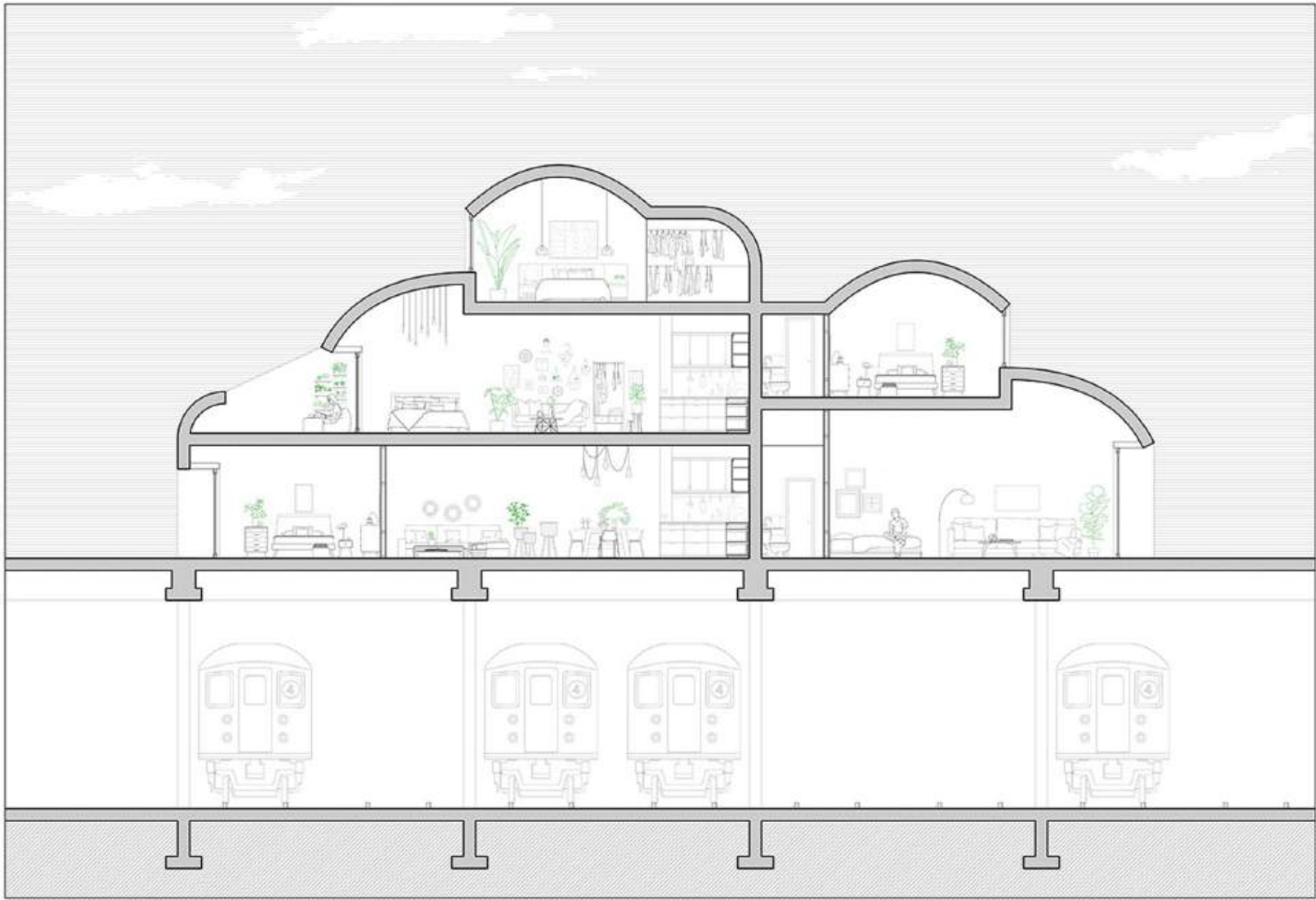


Systemic Exploitation

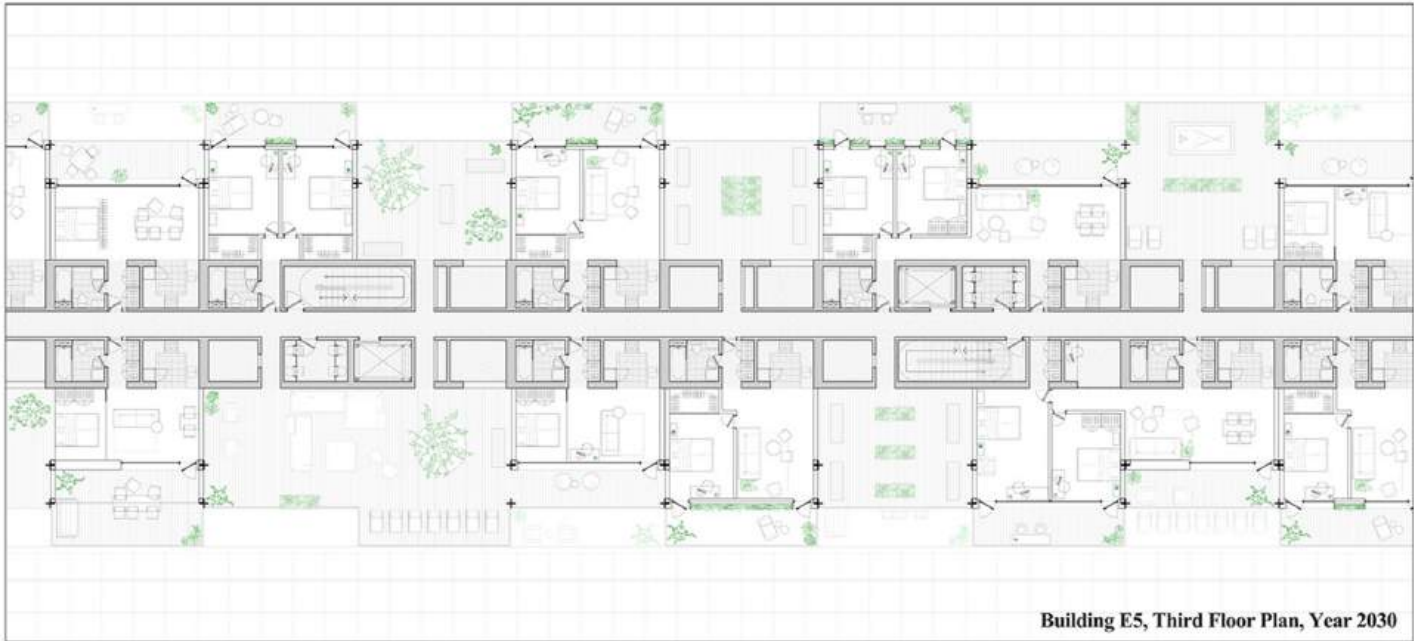
In the 1950s, the city built the Cross Bronx Expressway to ease traffic through Manhattan. It ripped through communities, displacing 60,000 residents and ushering in decades of air pollution. Over time, more unwanted infrastructure was dumped into the Bronx—wastewater treatment plants, solid waste transfer stations. Our libraries, parks, and recreation centers were slowly converted into migration shelters. And though the Bronx hosted some of the city's finest urban farms and the world's largest produce wholesale center, the food was shipped elsewhere—Manhattan. For us, food insecurity and rising housing prices became permanent realities. We crammed three families into subdivided apartments or ended up homeless. Trash was piled beneath the elevated MTA. Chain-link fences cut up our neighborhoods. We were invisible. Disposable.



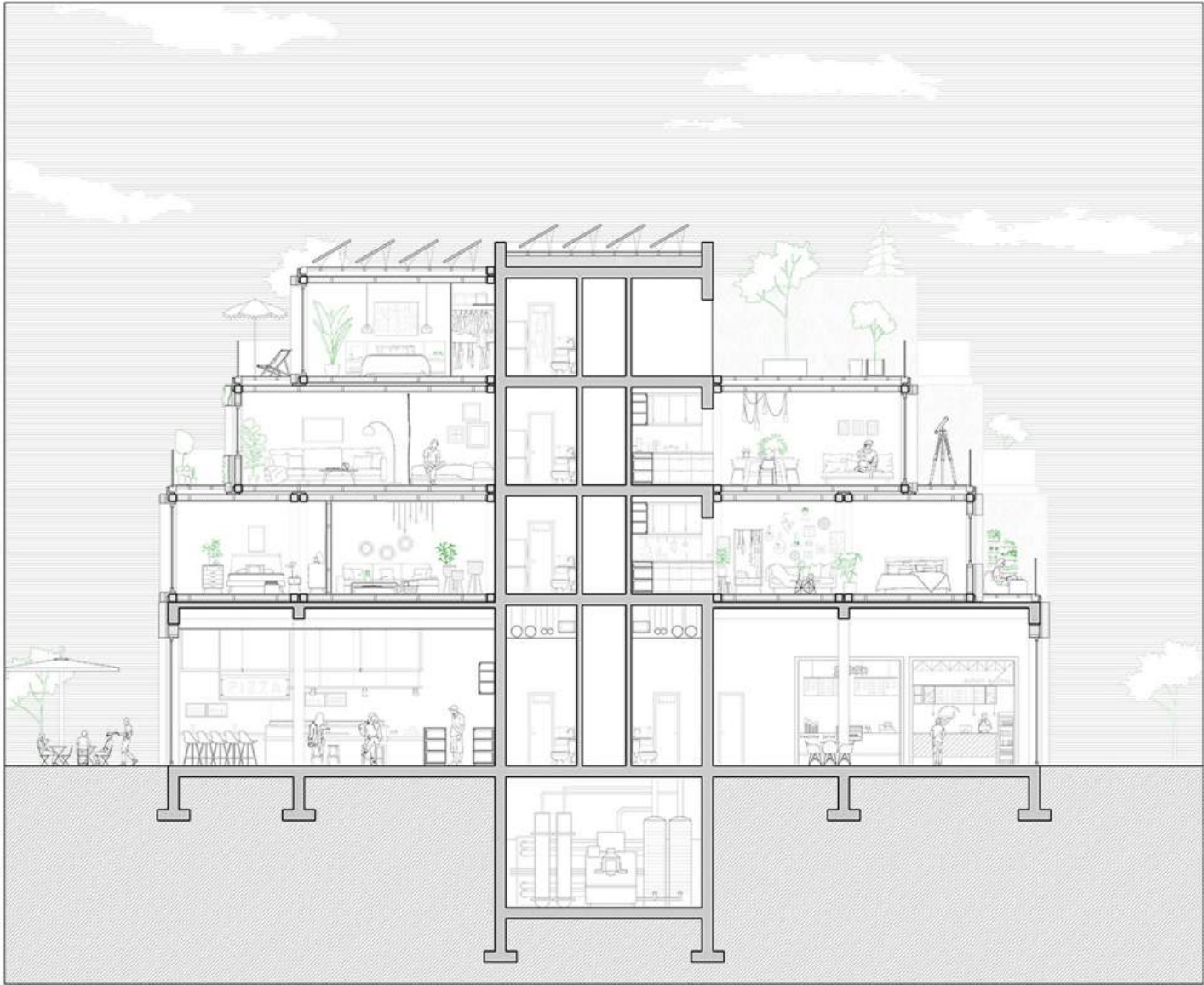




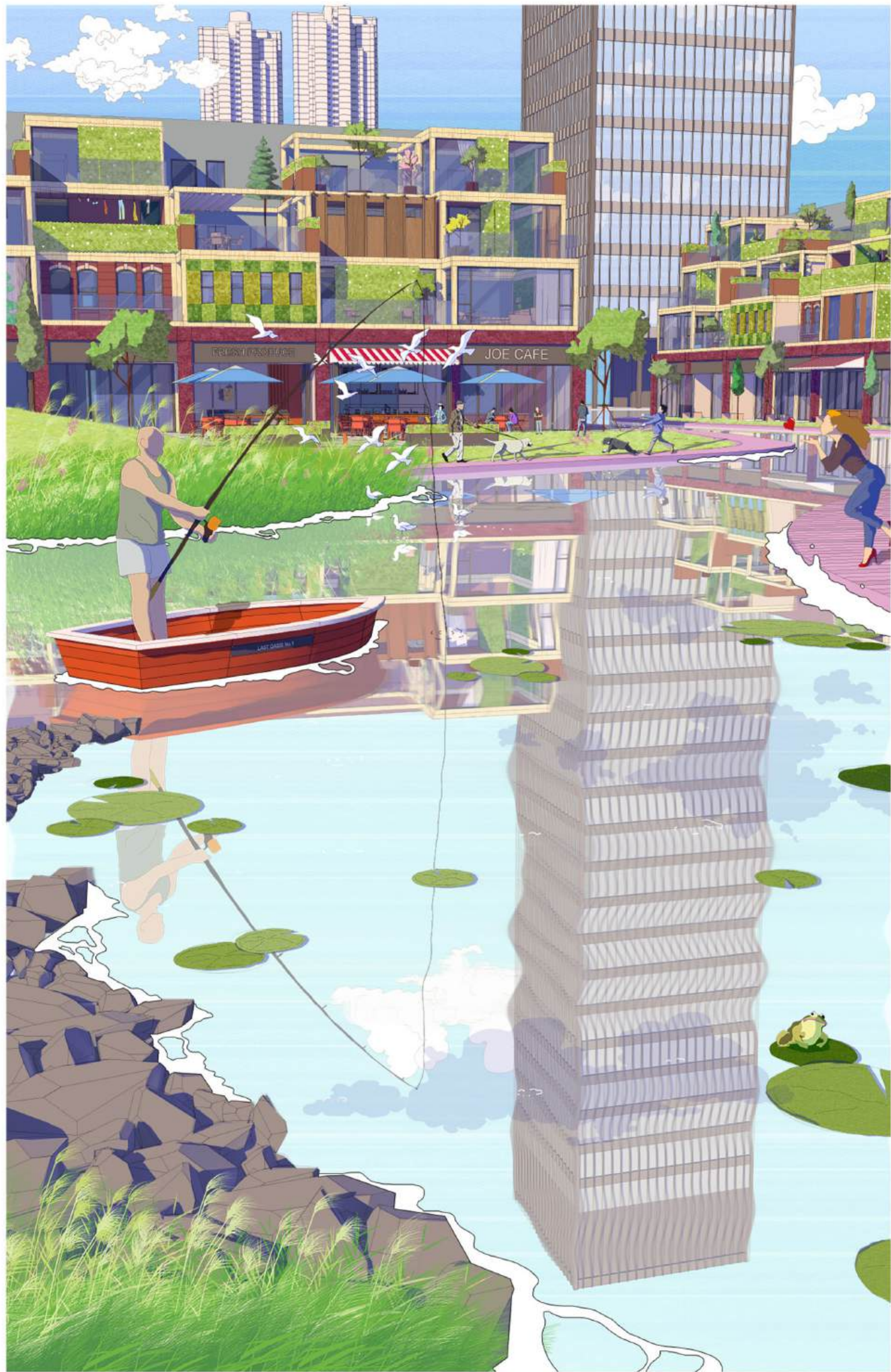
Energy Recycling Diagram



Building E5, Third Floor Plan, Year 2030



Building E5, Section, Year 2030



MANUAL OF FACADE

SD4
Type: Shading
Available Size: 48-23.58
Material: Aluminum, Plant
Compatibility: All Windows & Doors
Energy Performance: A+

FC1
Type: Solid Wall
Available Size: 21-48
Material: Stainless, Growing Red, Plant
Compatibility: Any Windows, Doors, Walls
Energy Performance: A-

FC2
Type: Solid Wall
Available Size: 48-23.58
Material: Brick
Compatibility: Any Windows, Doors, Walls
Energy Performance: C-

Universal Facade Frame
Type: Shading

WD5
Type: Solid Wall
Available Size: 28, 2.58, 36, 48
Material: Aluminum
Compatibility: Any Windows, Doors, Walls
Energy Performance: B-

WD6
Type: Solid Wall
Available Size: 48-23.58
Material: Aluminum
Compatibility: Any Windows, Doors, Walls
Energy Performance: B-

WD2
Type: Window
Available Size: 21-58
Material: Brick, Aluminum
Compatibility: None
Energy Performance: B-

BG1
Type: Guardrail
Available Size: 48-23.58
Material: Stainless, Growing Red, Plant
Compatibility: Any
Energy Performance: A-

BG2
Type: Guardrail
Available Size: 48-23.58
Material: Stainless, Growing Red, Plant
Compatibility: Any
Energy Performance: A-

WD4
Type: Solid Wall
Available Size: 28, 2.58, 36, 48
Material: Aluminum
Compatibility: Any Windows, Doors, Walls
Energy Performance: B-

WD3
Type: Solid Wall
Available Size: 48-23.58
Material: Stainless, Growing Red, Plant
Compatibility: Any Windows, Doors, Walls
Energy Performance: A-

BG5
Type: Guardrail
Available Size: 48-23.58
Material: Stainless
Compatibility: Any
Energy Performance: B-

BG3
Type: Guardrail
Available Size: 48-23.58
Material: Aluminum, Glass
Compatibility: Any
Energy Performance: C-

BG4
Type: Guardrail
Available Size: 48-23.58
Material: Plywood
Compatibility: Any
Energy Performance: B-

SD6
Type: Shading
Available Size: 48, 66, 88, 108, 128, 148, 168
Material: Light Wood
Compatibility: Any Windows & Doors
Energy Performance: B-

WD7
Type: Window
Available Size: 48-23.58
Material: Aluminum, Wood Plank
Compatibility: Any
Energy Performance: B-

SD5
Type: Shading
Available Size: 28, 2.58, 36, 48
Material: Aluminum
Compatibility: Any Windows & Doors
Energy Performance: A-

FC3
Type: Solid Wall
Available Size: 48-23.58
Material: Light Wood
Compatibility: Any Windows, Doors, Walls
Energy Performance: B-

FC4
Type: Solid Wall
Available Size: 48-23.58
Material: Stone
Compatibility: Any Windows, Doors, Walls
Energy Performance: B-

SD3
Type: Shading
Available Size: 48-23.58
Material: Aluminum
Compatibility: All Windows & Doors
Energy Performance: A-

SD1
Type: Shading
Available Size: 28, 2.58, 36, 48
Material: Aluminum
Compatibility: All Windows & Doors
Energy Performance: B-

FC4
Type: Solid Wall
Available Size: 48-23.58
Material: Light Wood, Pin Board
Compatibility: Any Windows, Doors, Walls
Energy Performance: B-

SD2
Type: Shading
Available Size: 48-23.58
Material: Wood
Compatibility: Sliding, Non-openable
Energy Performance: B-

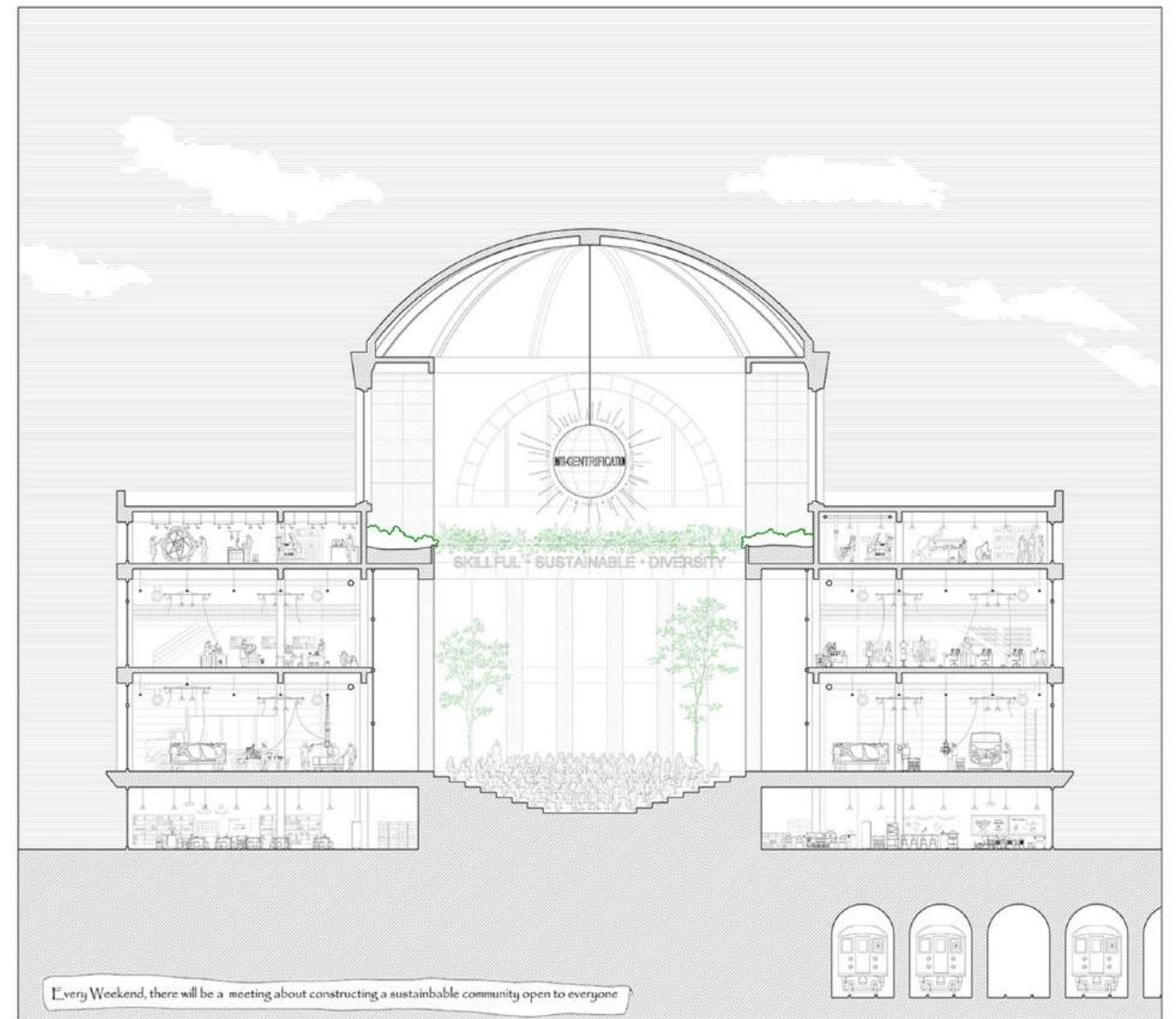
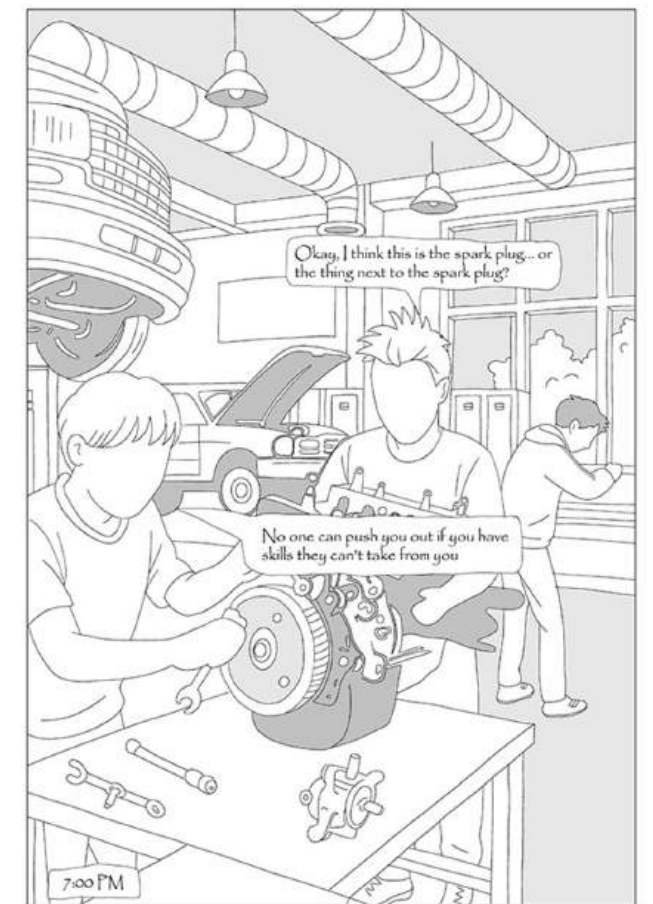
ST
Type: Fence Unit
Available Size: 11.58-13.58
Material: Stainless, Growing Red, Plant
Compatibility: Non
Energy Performance: A-

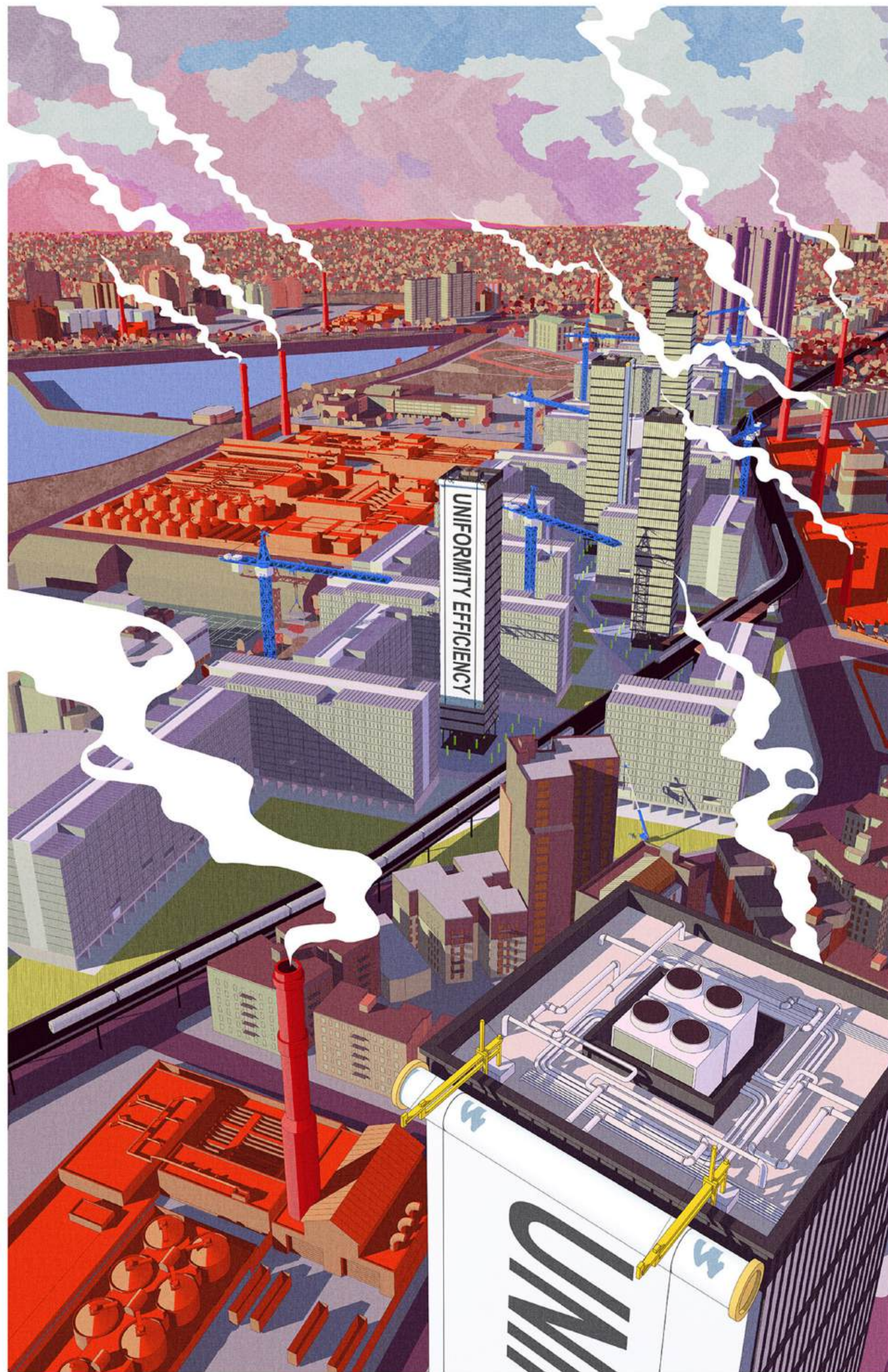
WD6
Type: Solid Wall
Available Size: 28, 2.58, 36, 48
Material: Stainless, Growing Red, Plant
Compatibility: Any Windows, Doors, Walls
Energy Performance: A+

WD1
Type: Window
Available Size: 48-23.58
Material: Aluminum, Wood Plank
Compatibility: Any
Energy Performance: B-

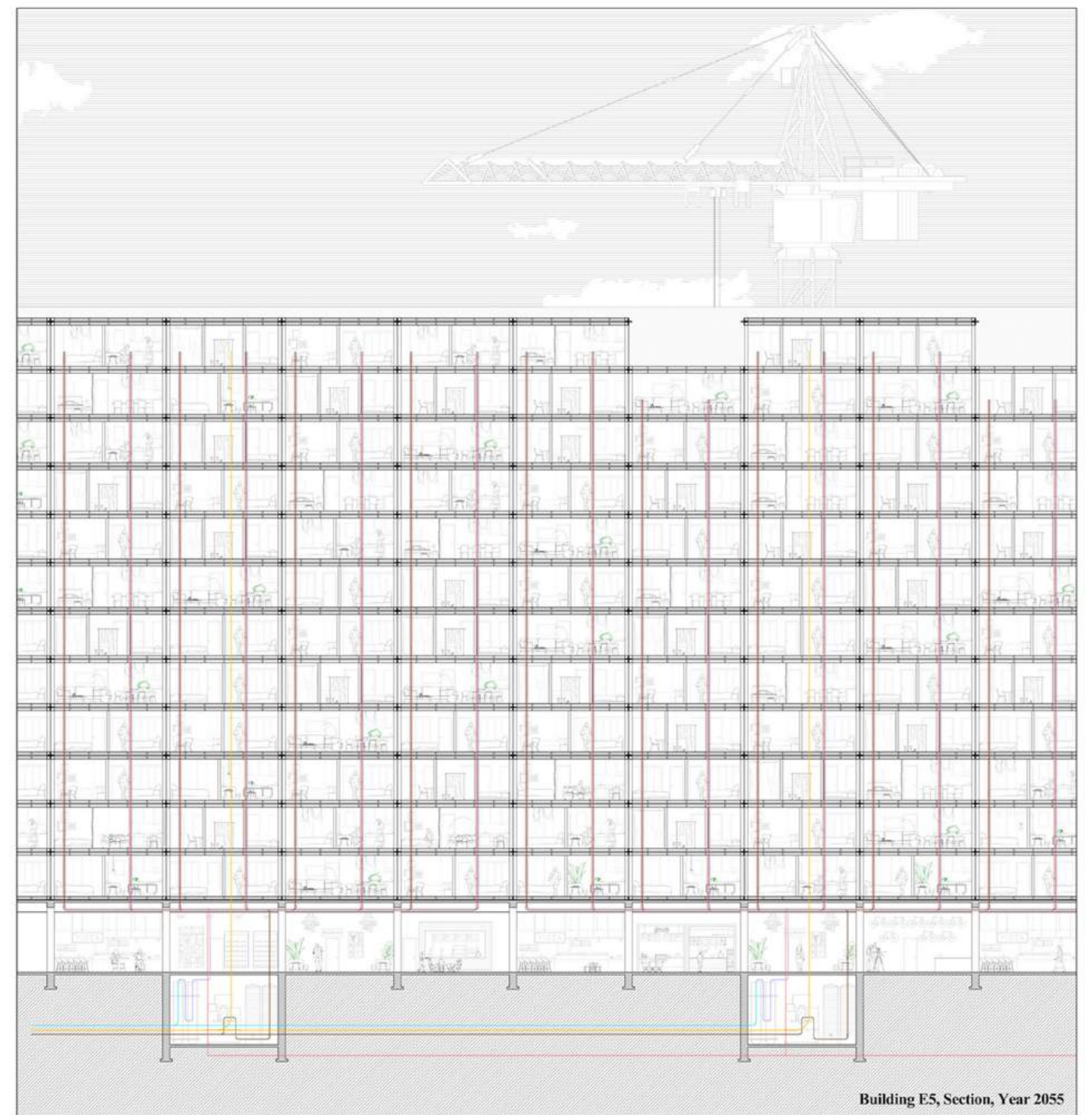
BG5
Type: Guardrail
Available Size: 48-23.58
Material: Stainless, Growing Red, Plant
Compatibility: Any
Energy Performance: A-

FC5
Type: Solid Wall
Available Size: 48-23.58
Material: Stainless, Growing Red, Plant
Compatibility: Any Windows, Doors, Walls
Energy Performance: A-

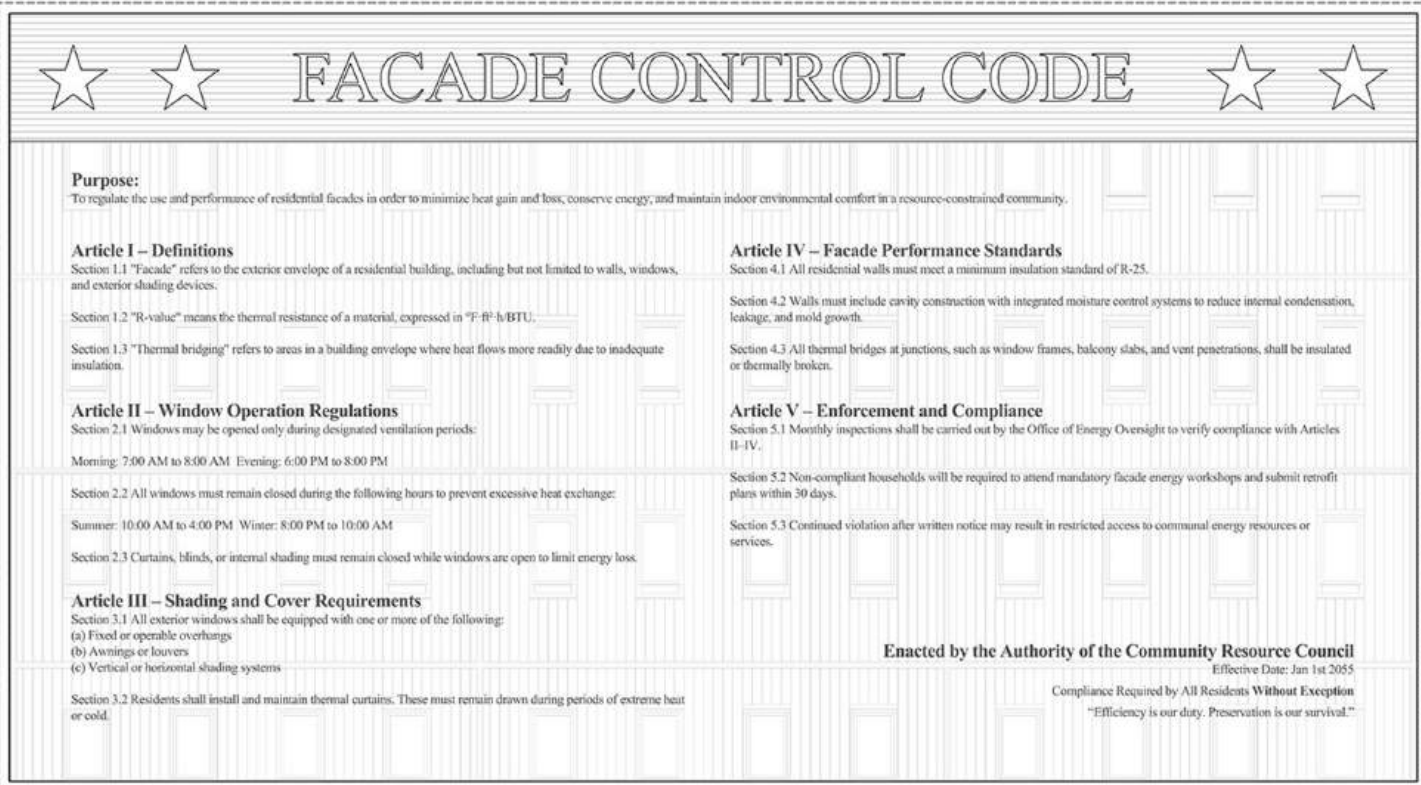
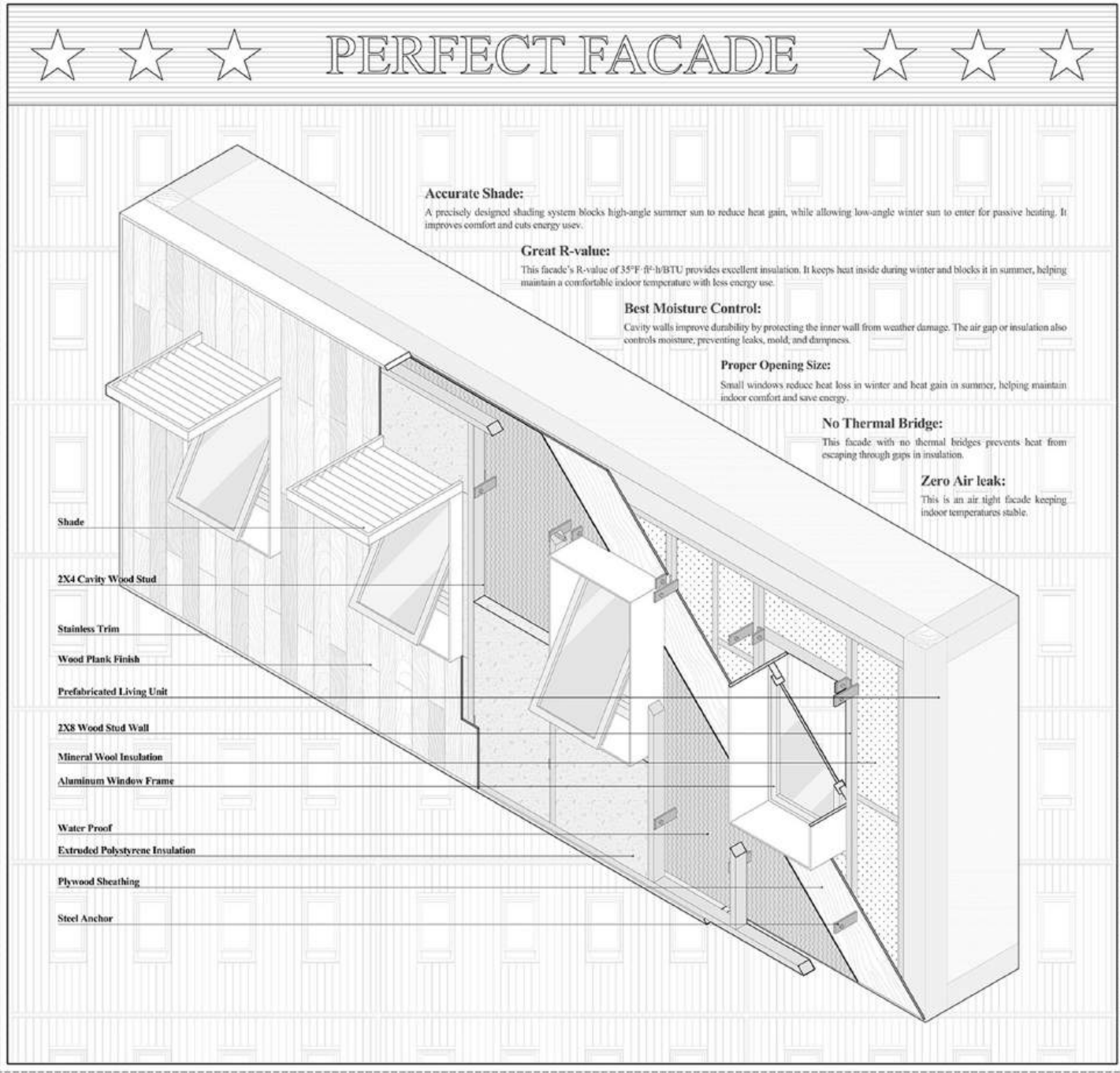
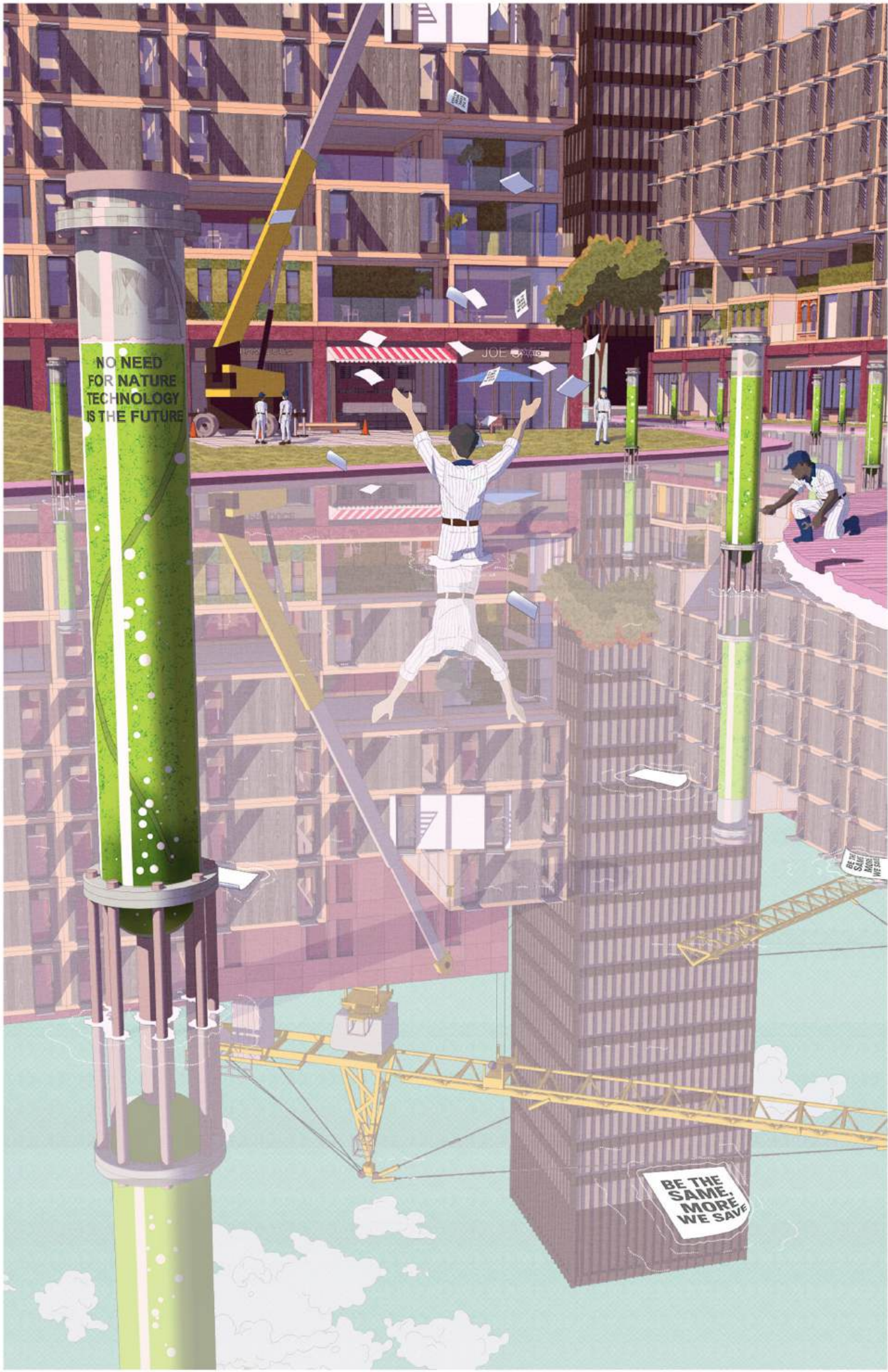


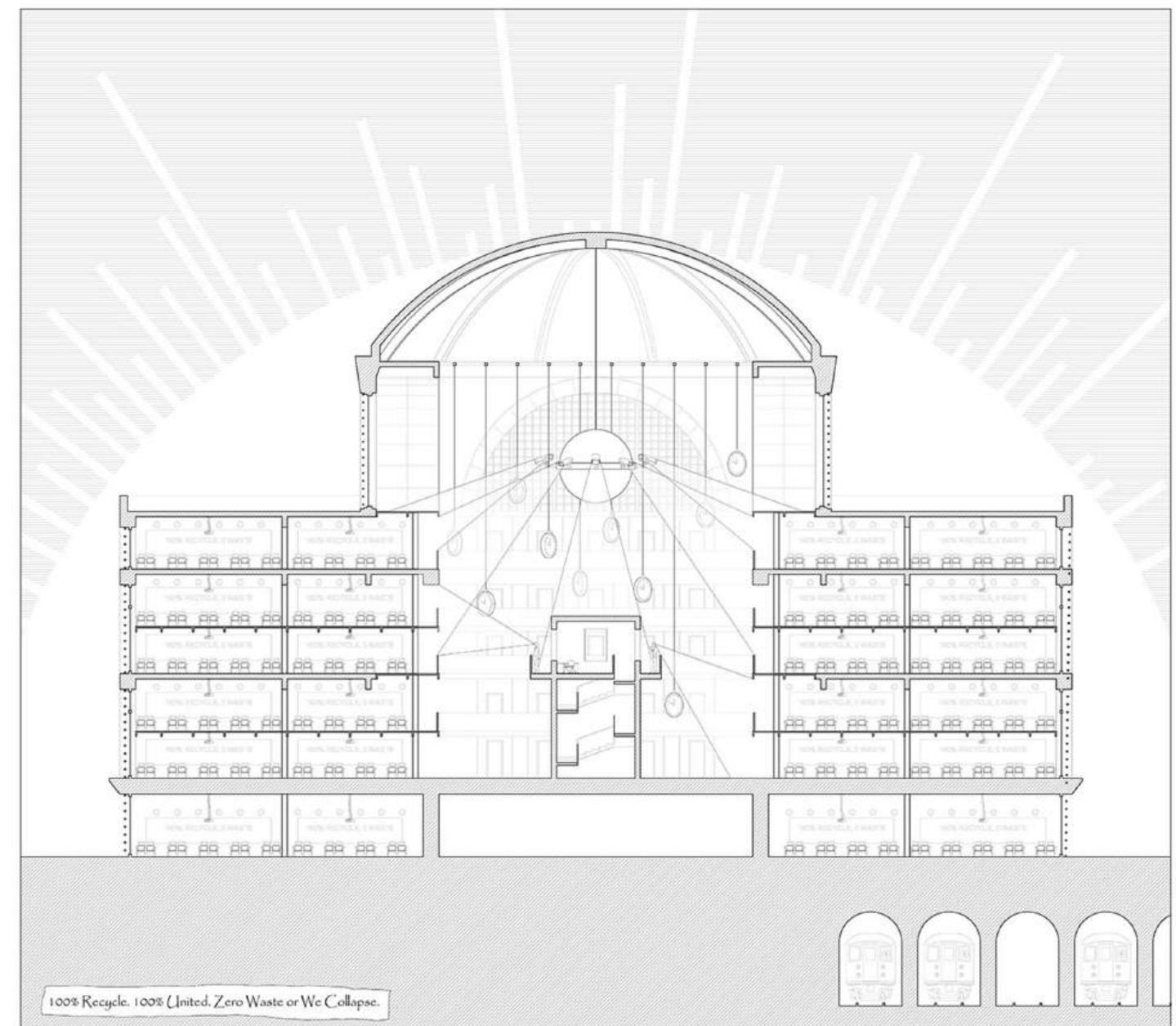
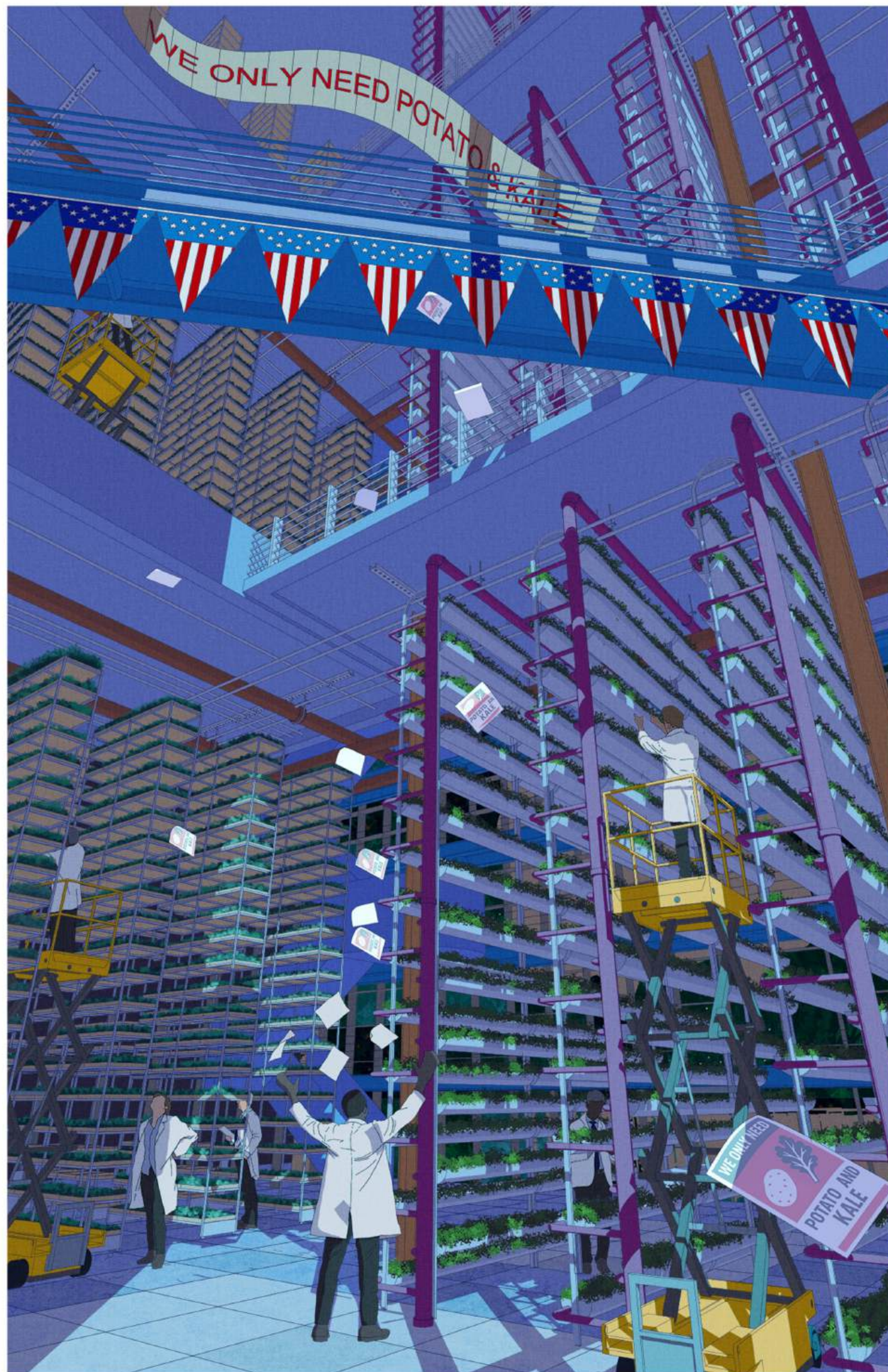


Building E5, Third Floor Plan, Year 2055

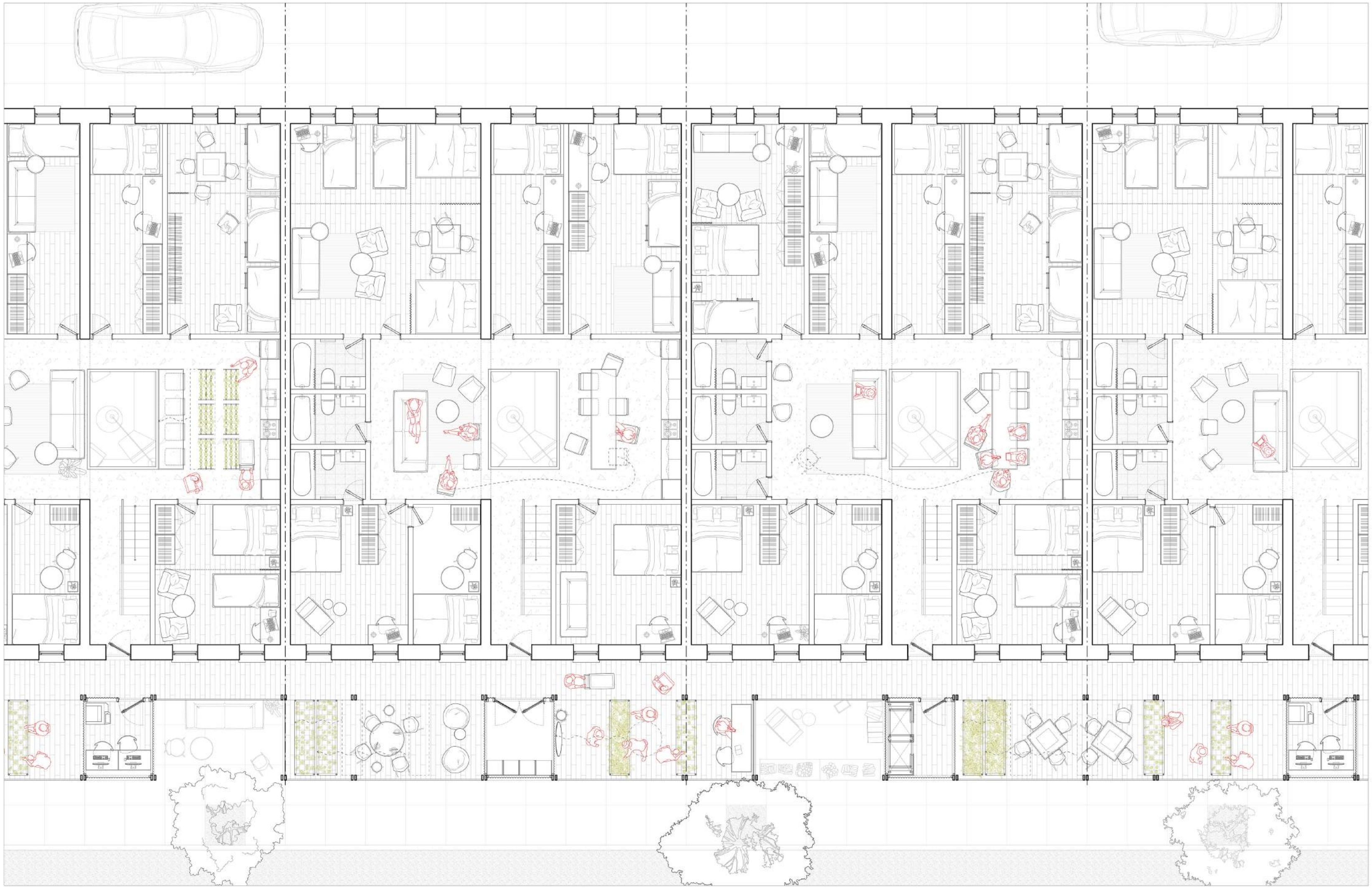


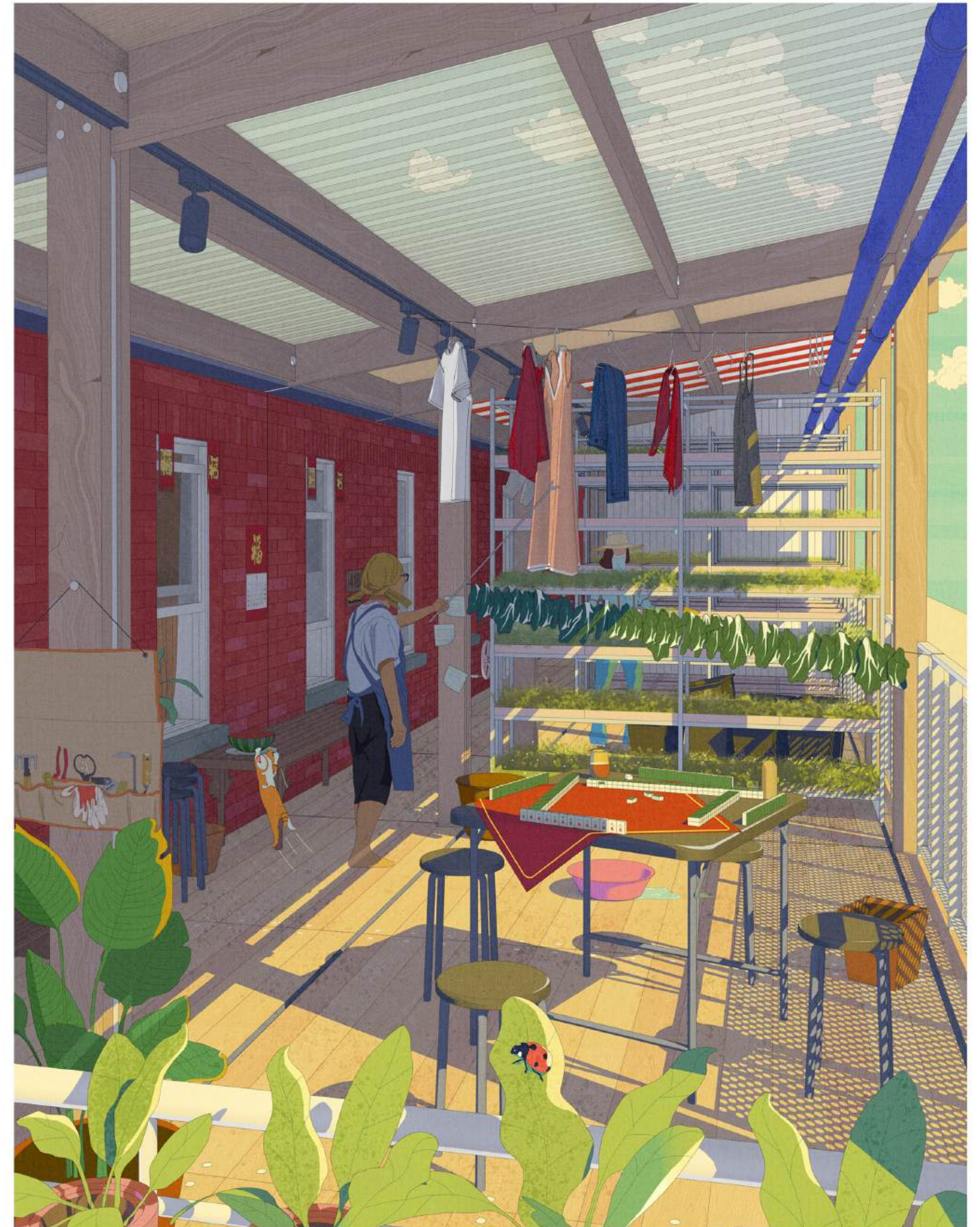
Building E5, Section, Year 2055













办公

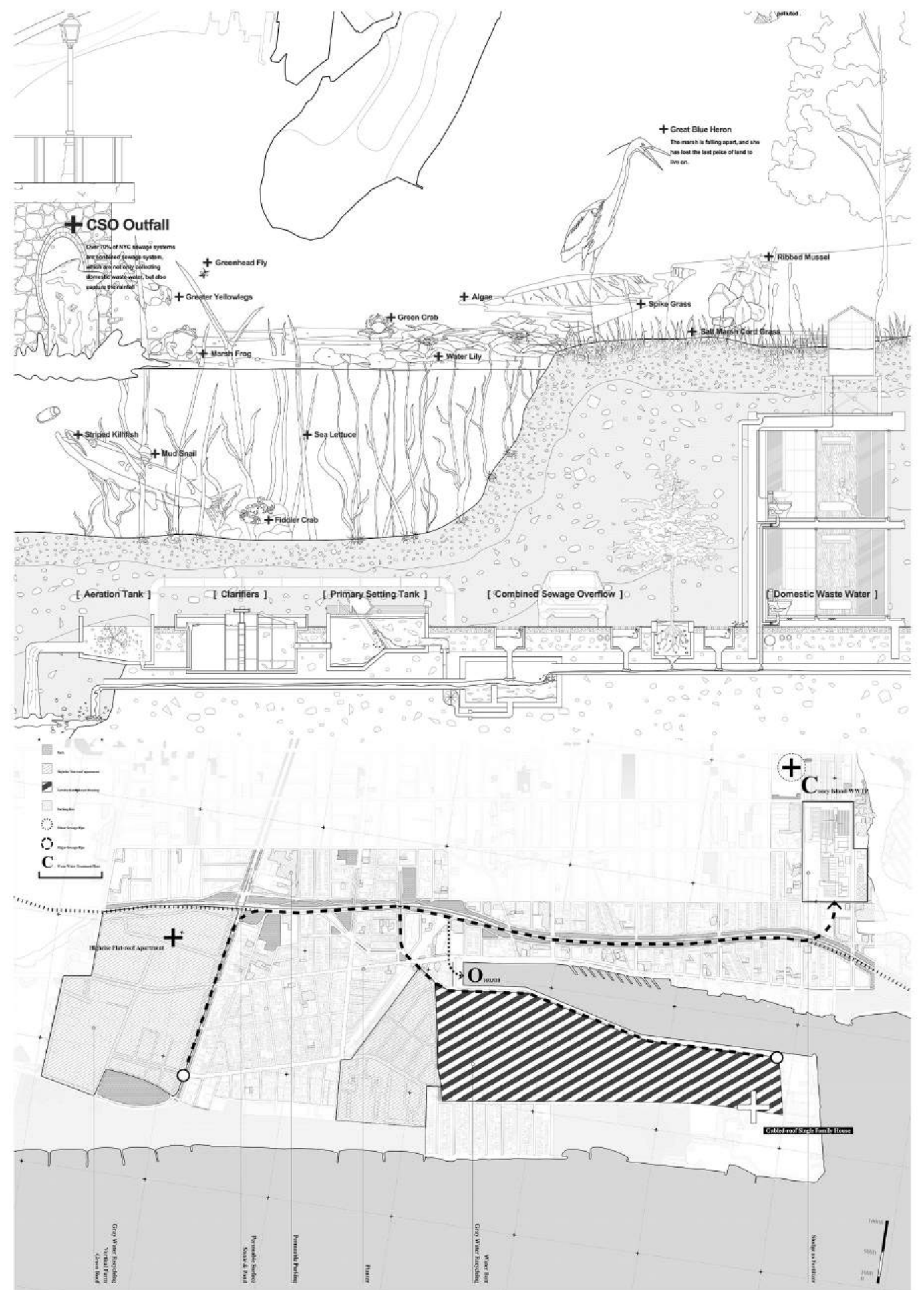
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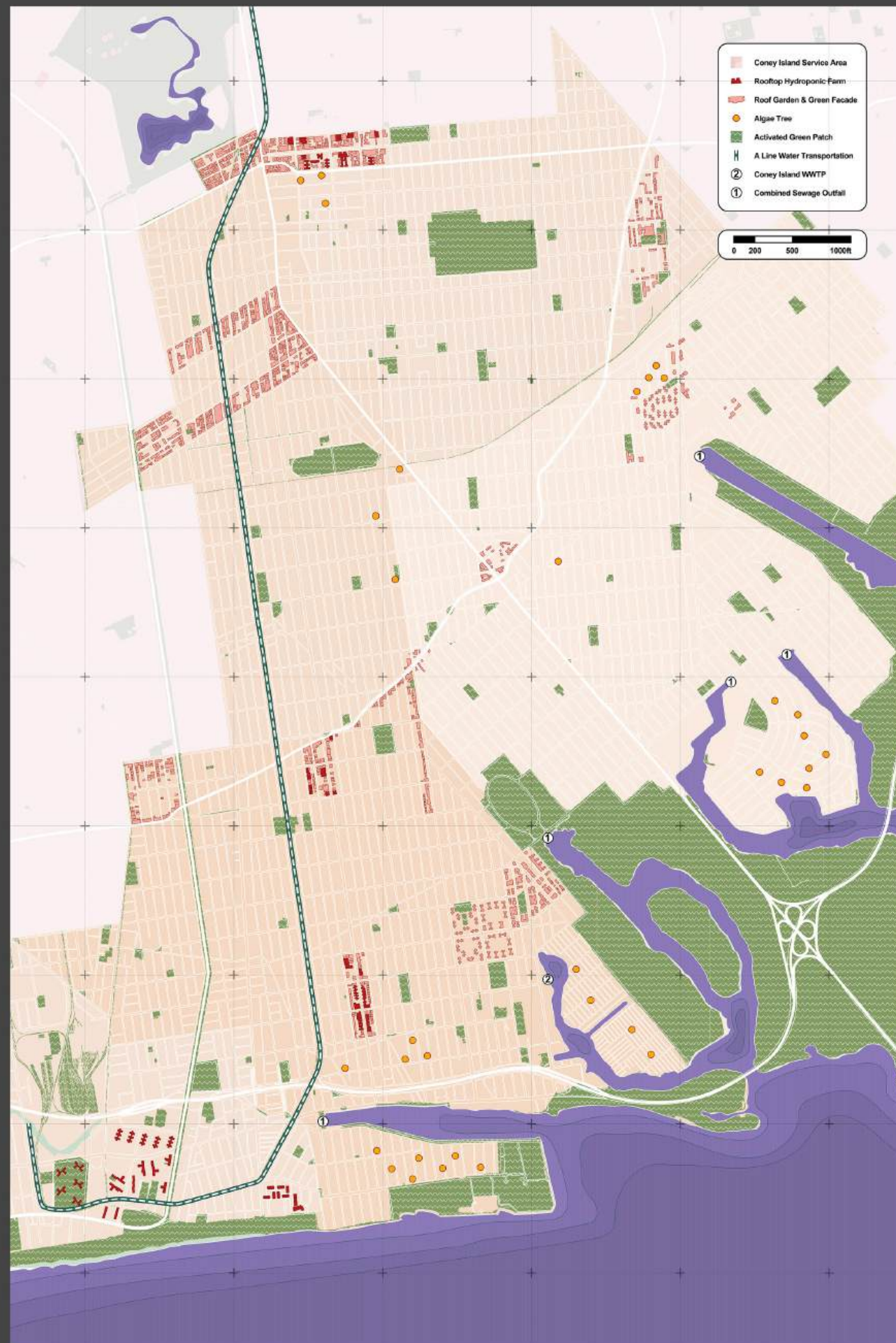
储物

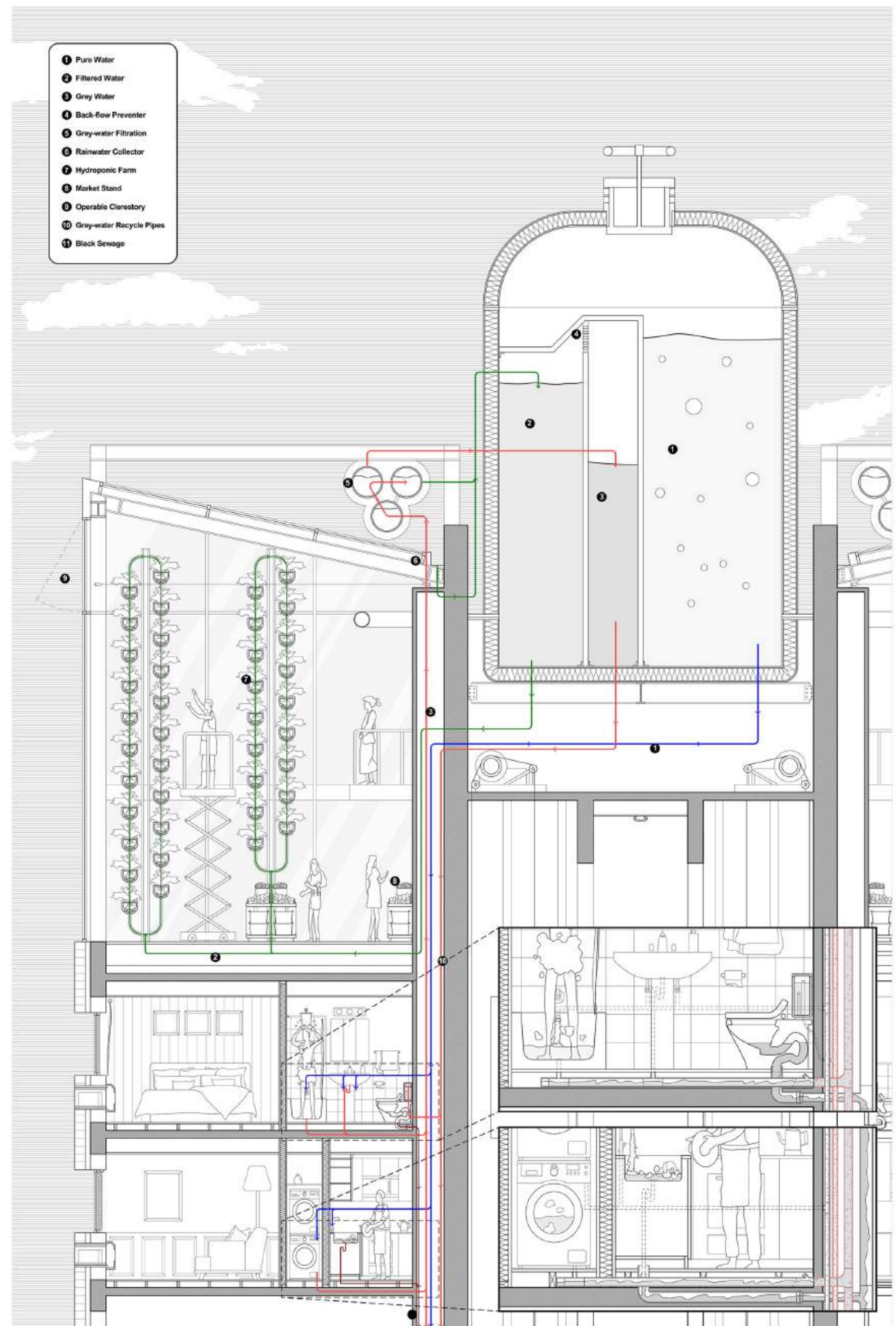
FARMER'S MARKET
GROW UPSTAIRS

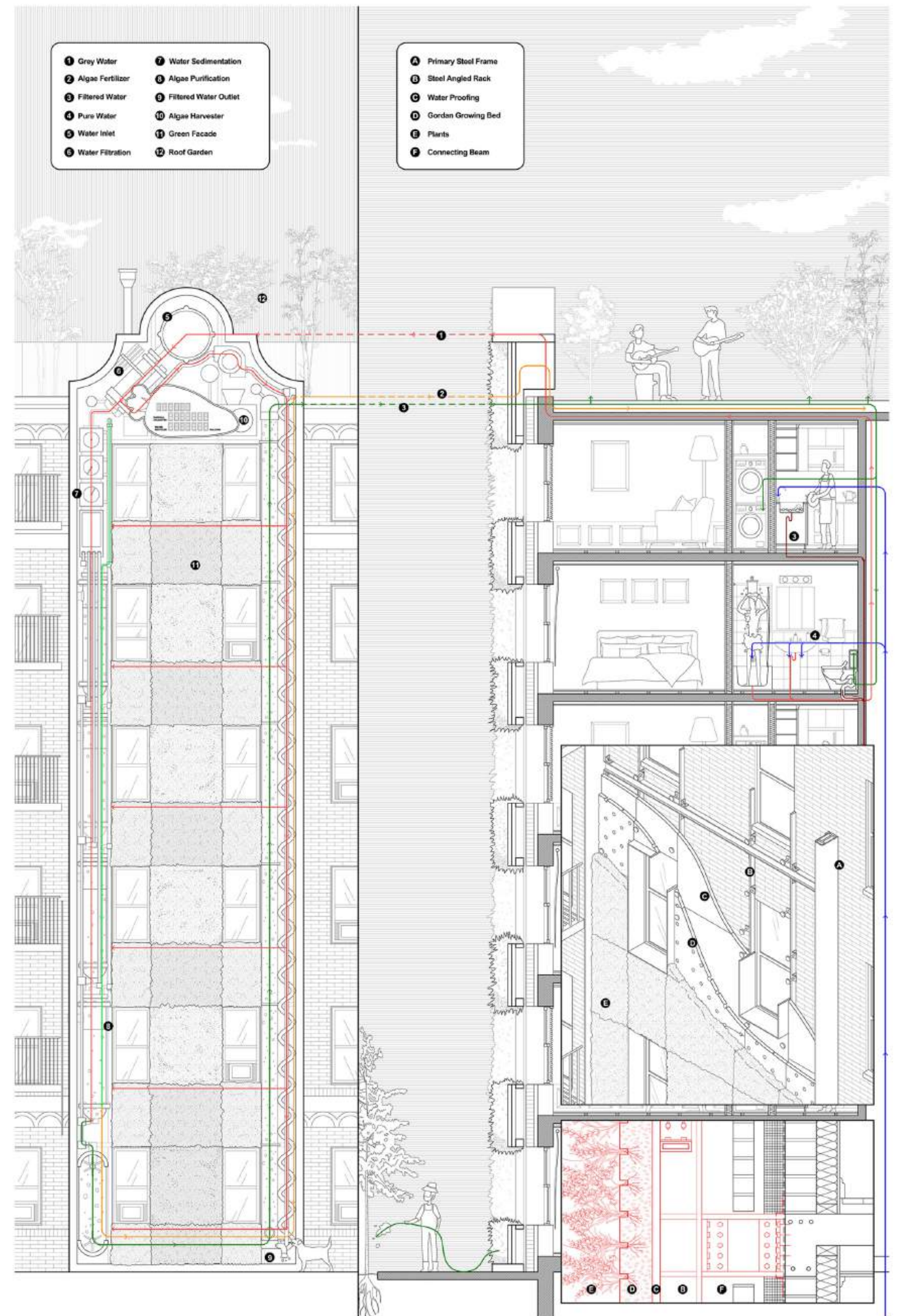
SALE







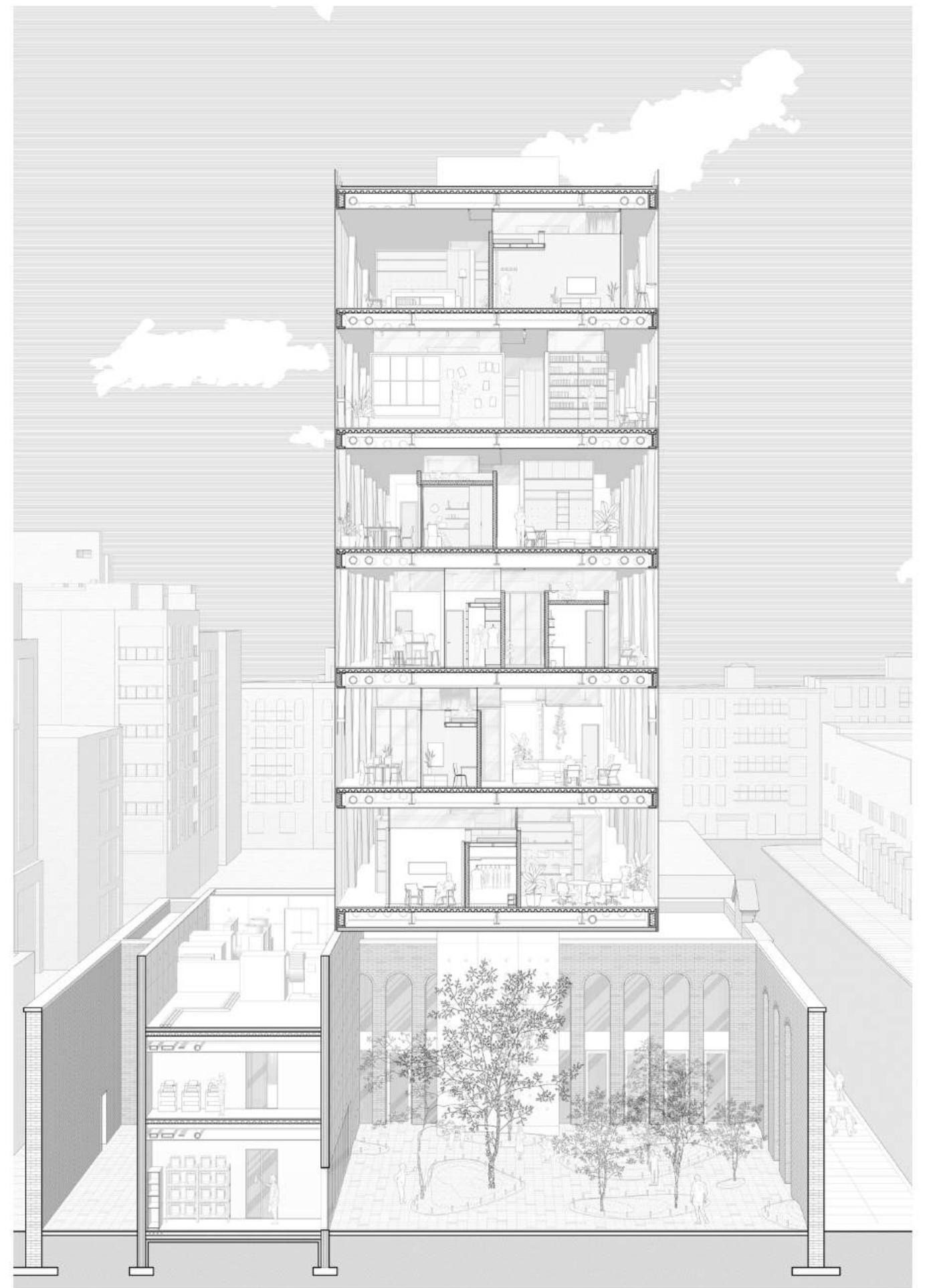


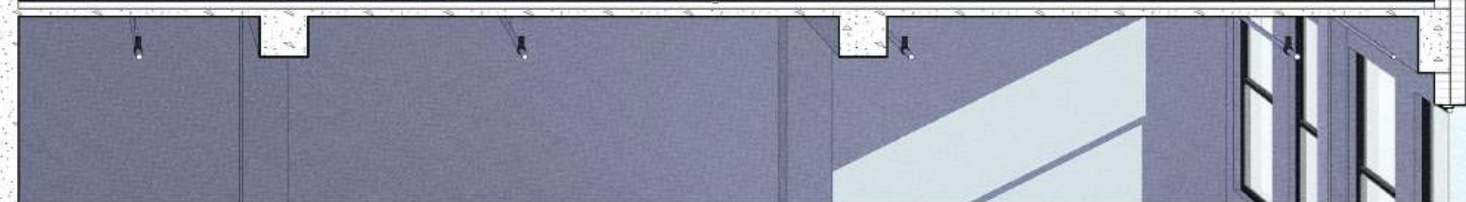
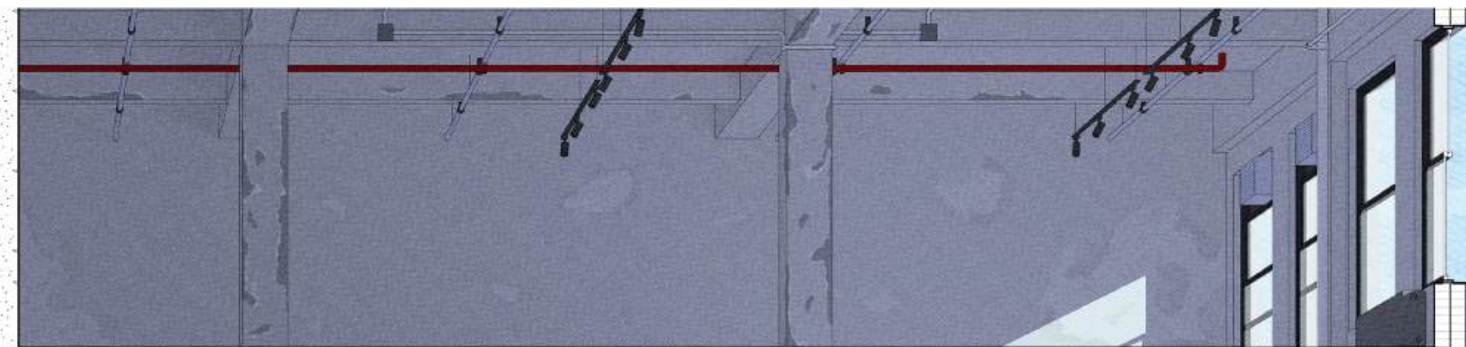
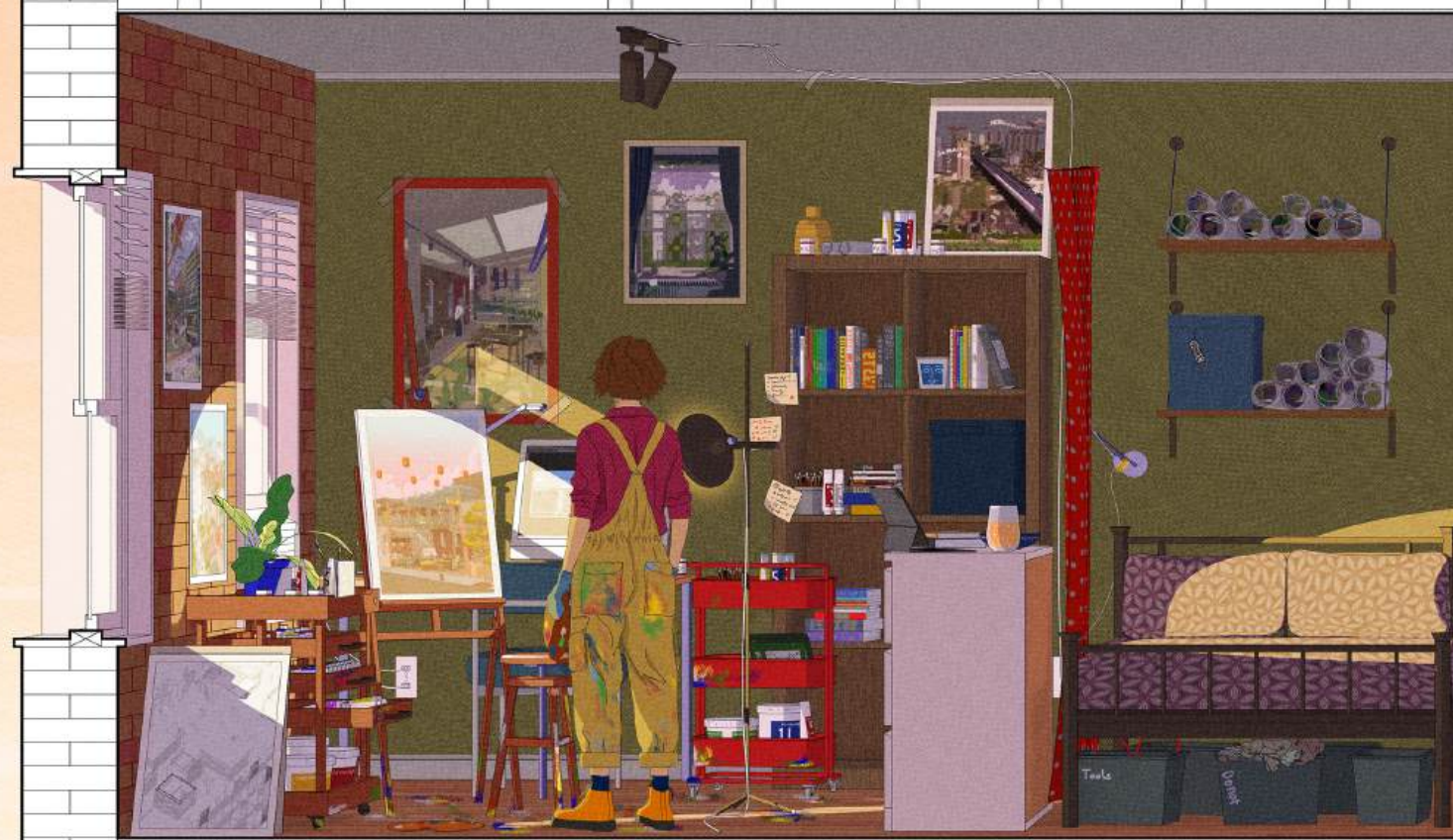


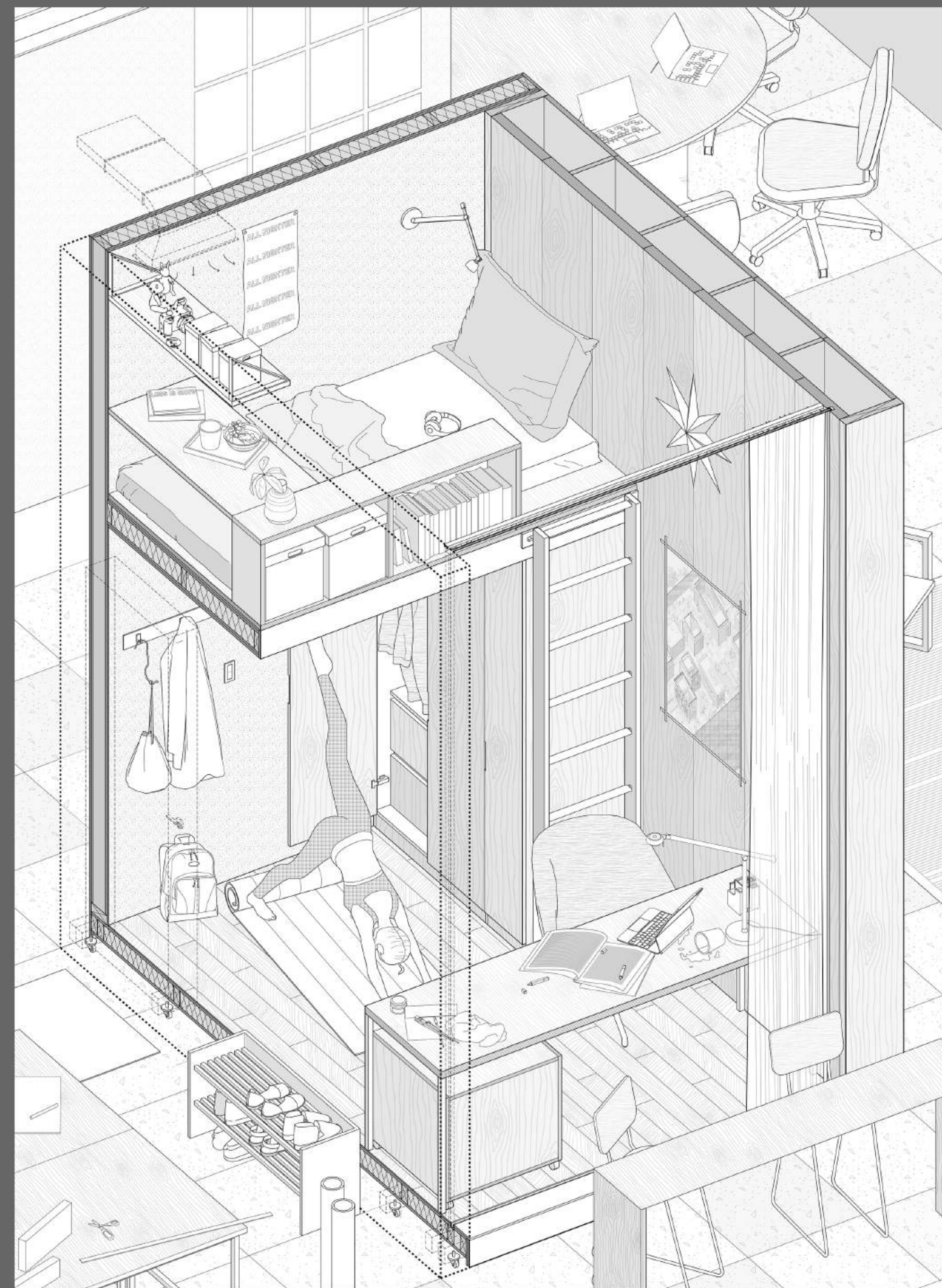




02. WEDESIGN
*2023 Spring Core III
Housing In-between
Instructor: Chris Leong
Site: New York, NY
Coliving for Designers
Building Area: 76800ft²
Team Work*

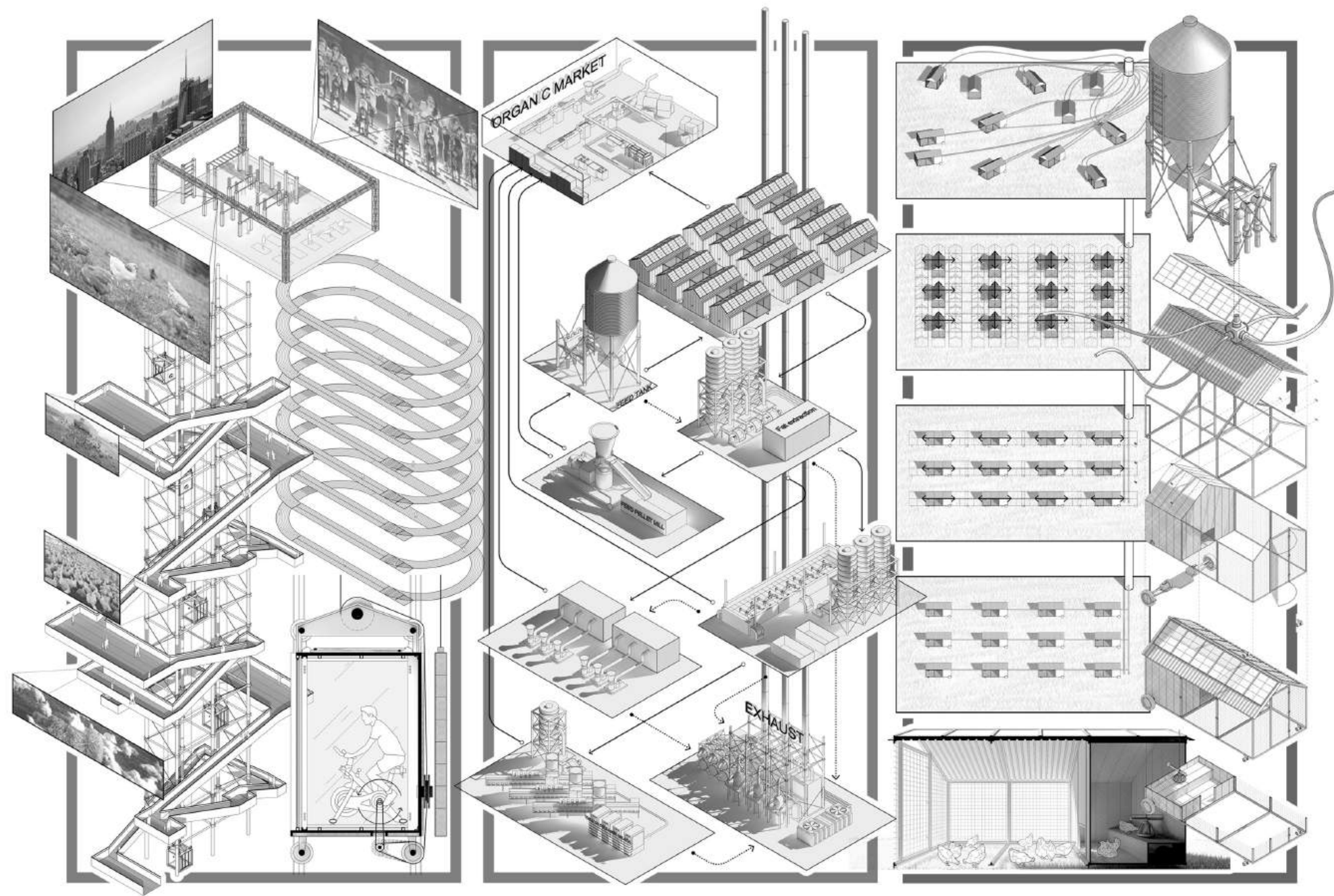


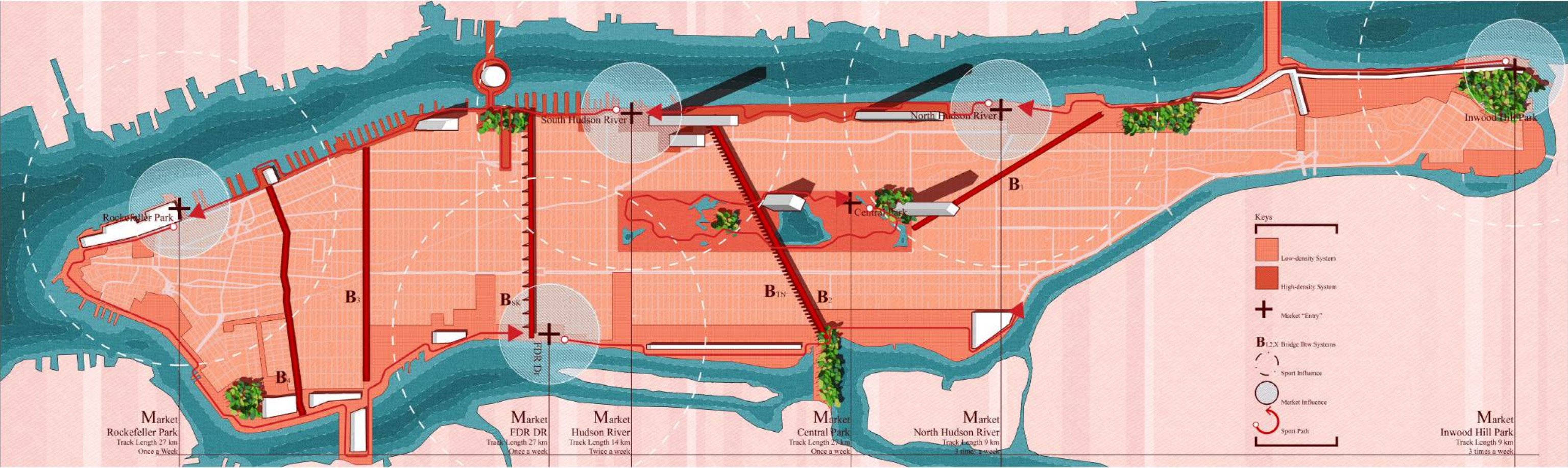




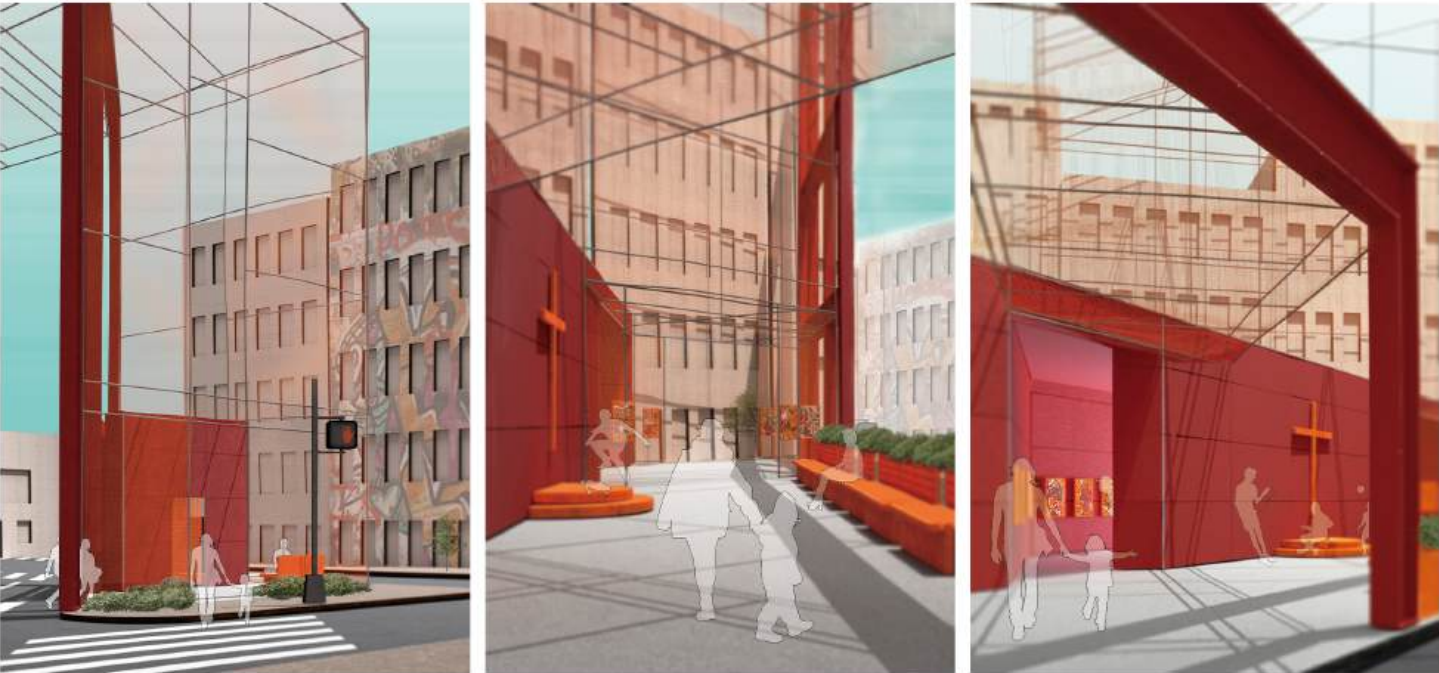




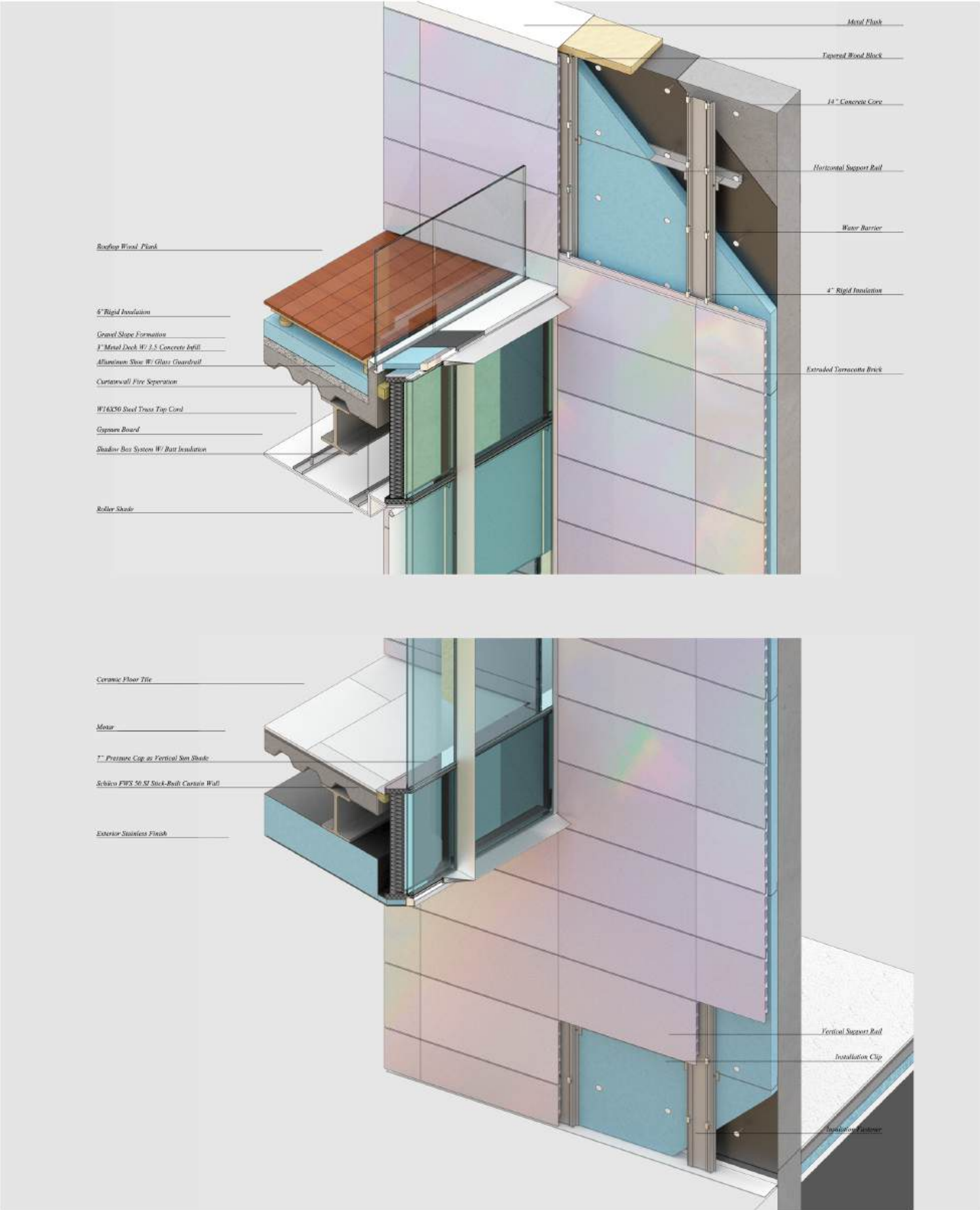




OTHER WORKS



2022 Fall Core I Design Studio
Site: New York, NY
Church Refomation: Public Space
Individual Work



2023 Tech IV
Site: New York, NY
System Integration
Team Work