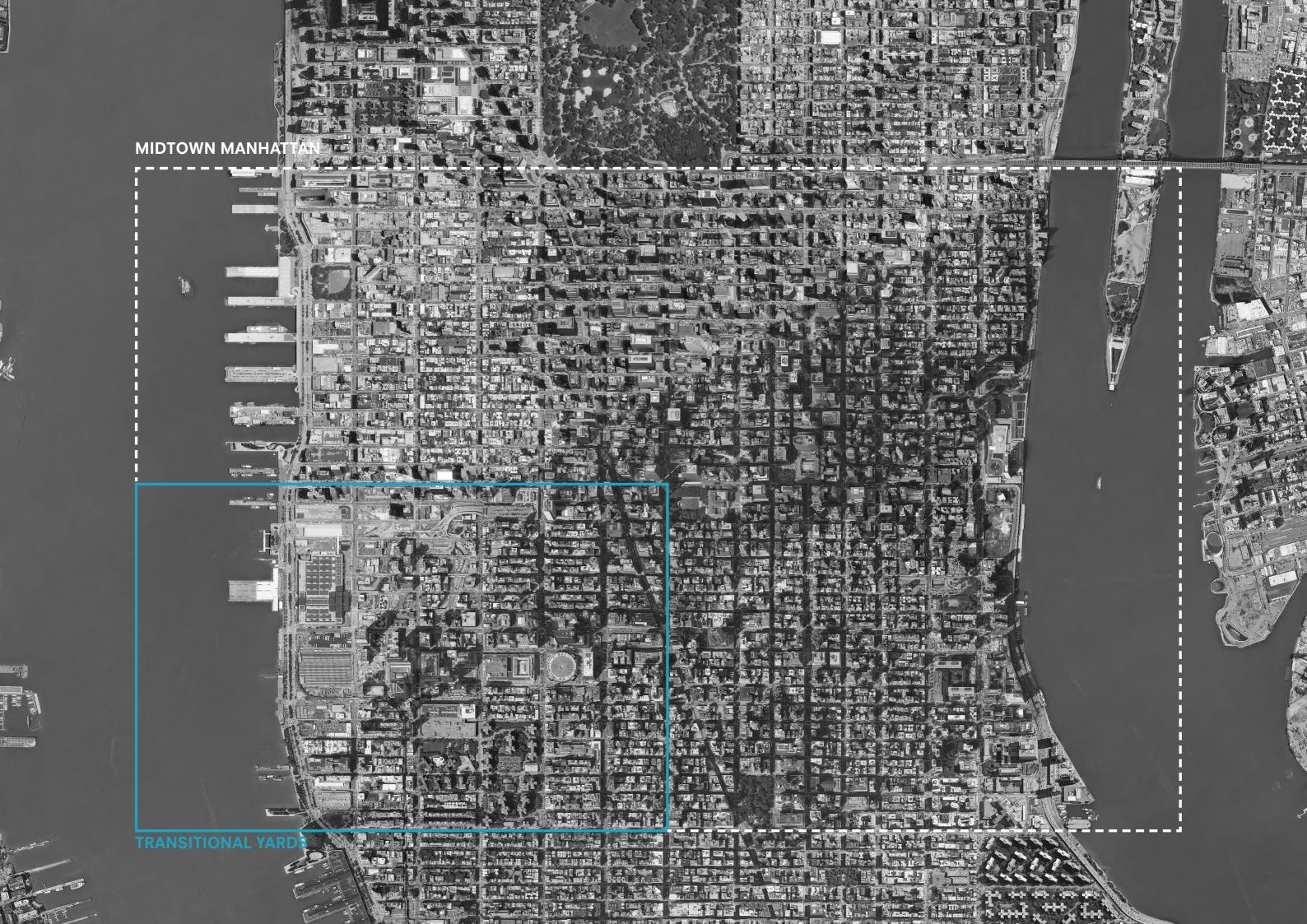


LOOKING TOWARDS THE FUTURE OF BOUNDLESS MULTI-USE COMPLEXES

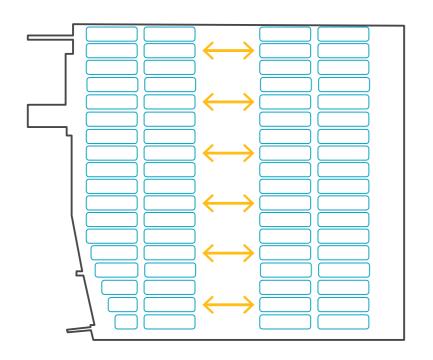
MIDTOWN MANHATTAN



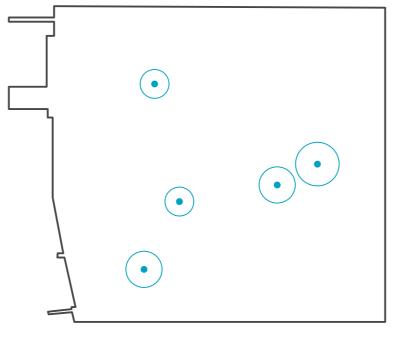




Main Challenges



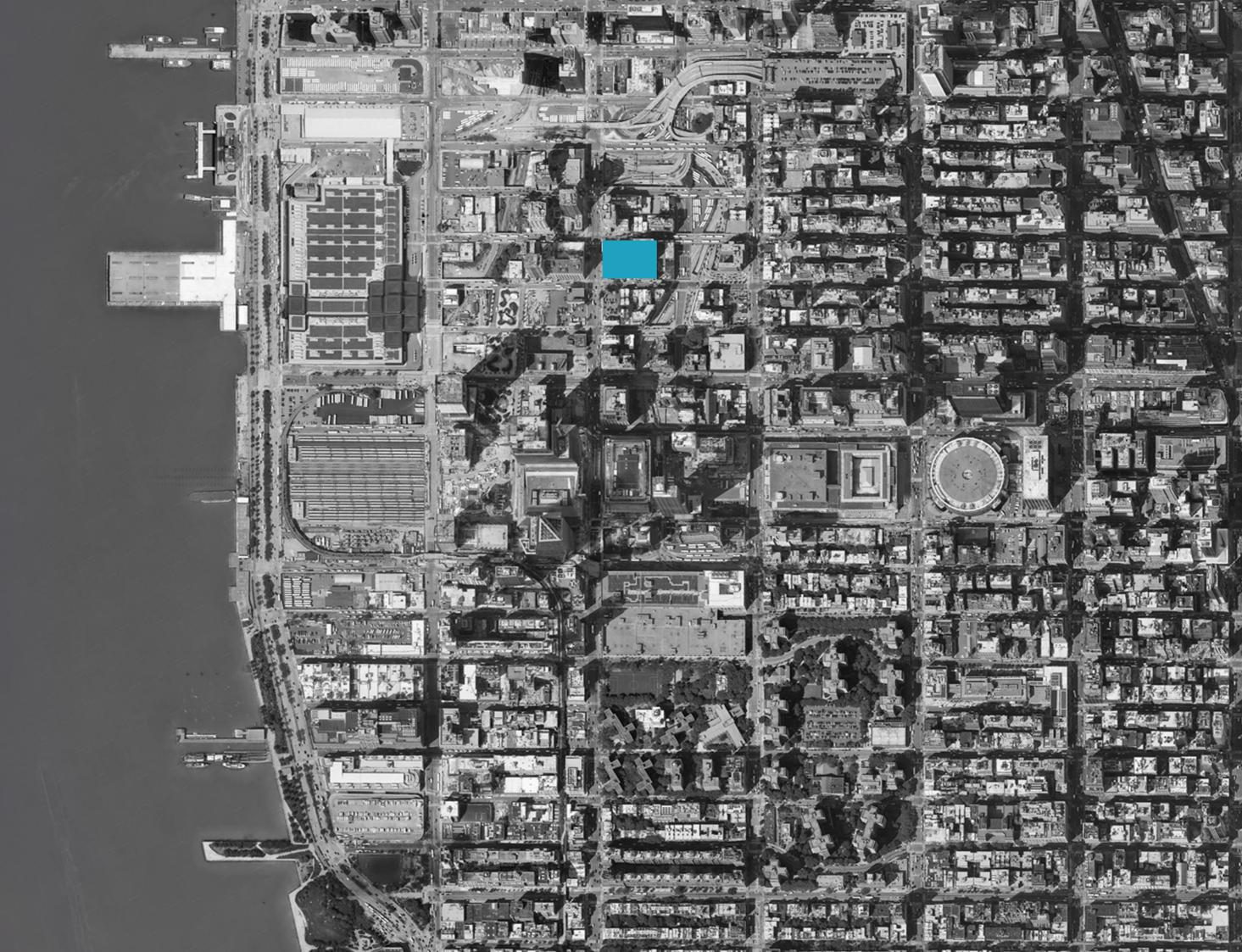
East to West Isolation



Congestion Around Transport Hubs



Gentrifying Developments





"THE BELIEF THAT **ANYONE**, REGARDLESS OF WHERE THEY WERE BORN OR WHAT CLASS THEY WERE BORN INTO, **CAN ATTAIN THEIR OWN VERSION OF SUCCESS IN A SOCIETY WHERE UPWARD MOBILITY IS POSSIBLE FOR EVERYONE**."



City of Dreams



Economic Powerhouse

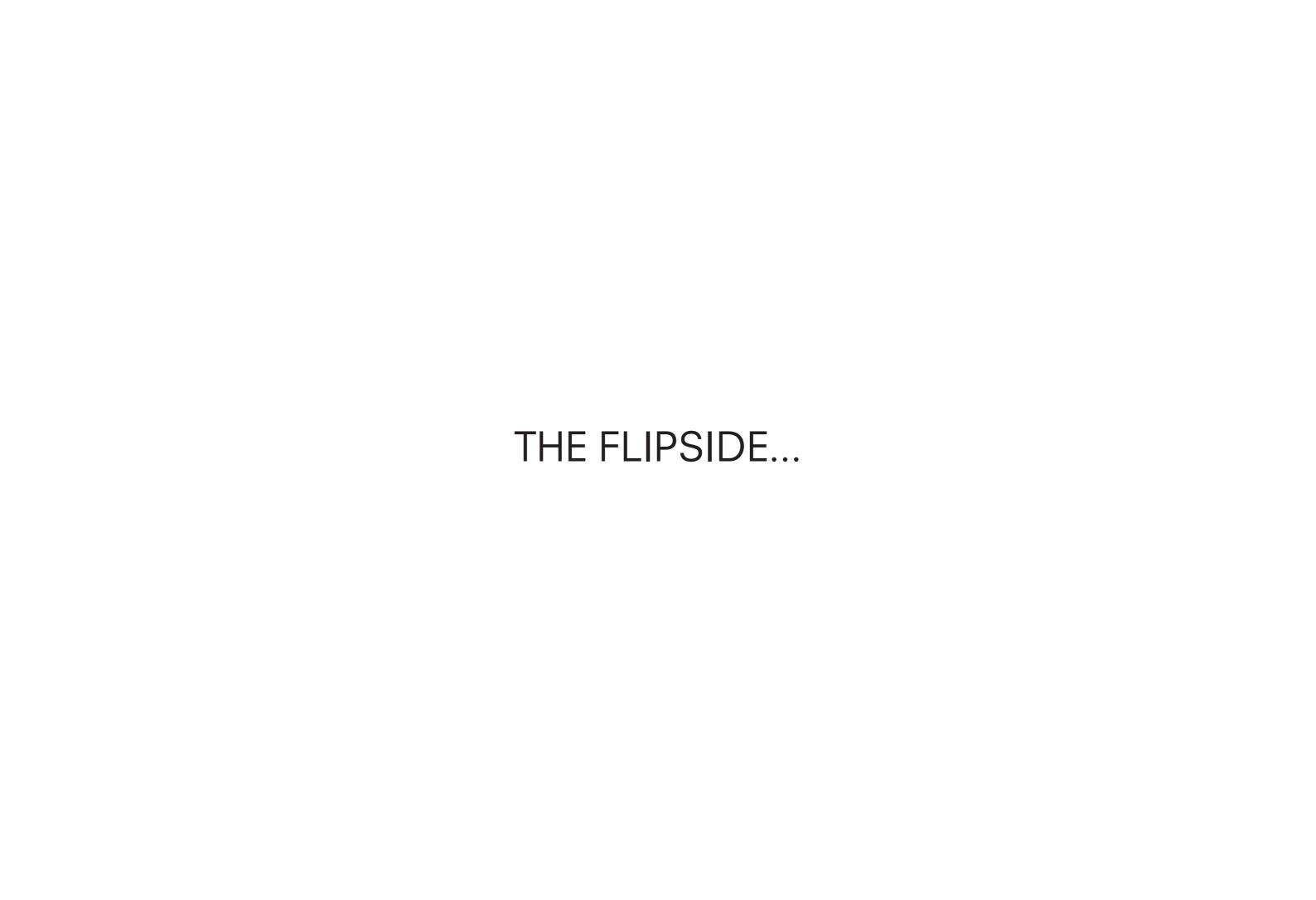


Diversity



Hard Work = Upward Mobility

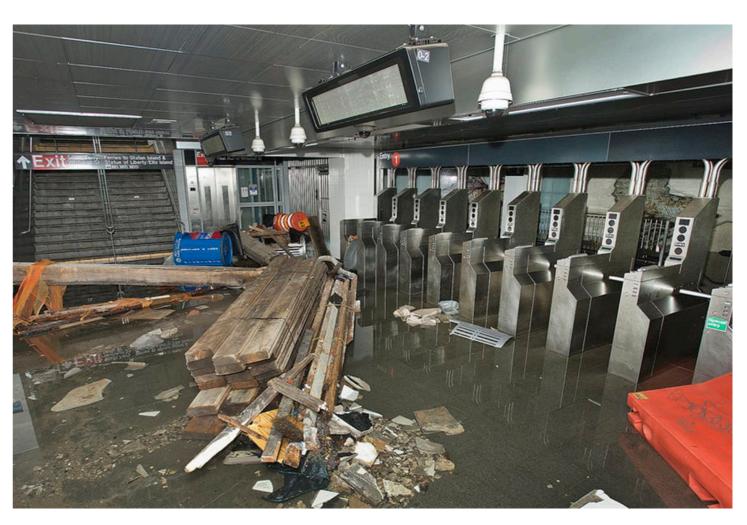










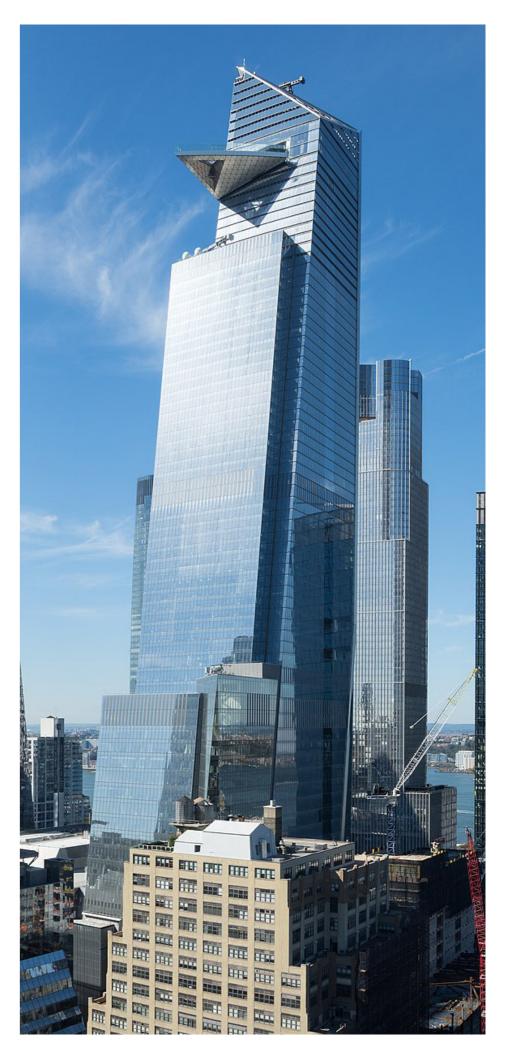




LED TO...







RESEARCH QUESTION

HOW WILL THE INFLUX OF FINANCIALLY LED DEVELOPMENTS, EFFECT EXISTING FRAMEWORKS IN MIDTOWN MANHATTAN?

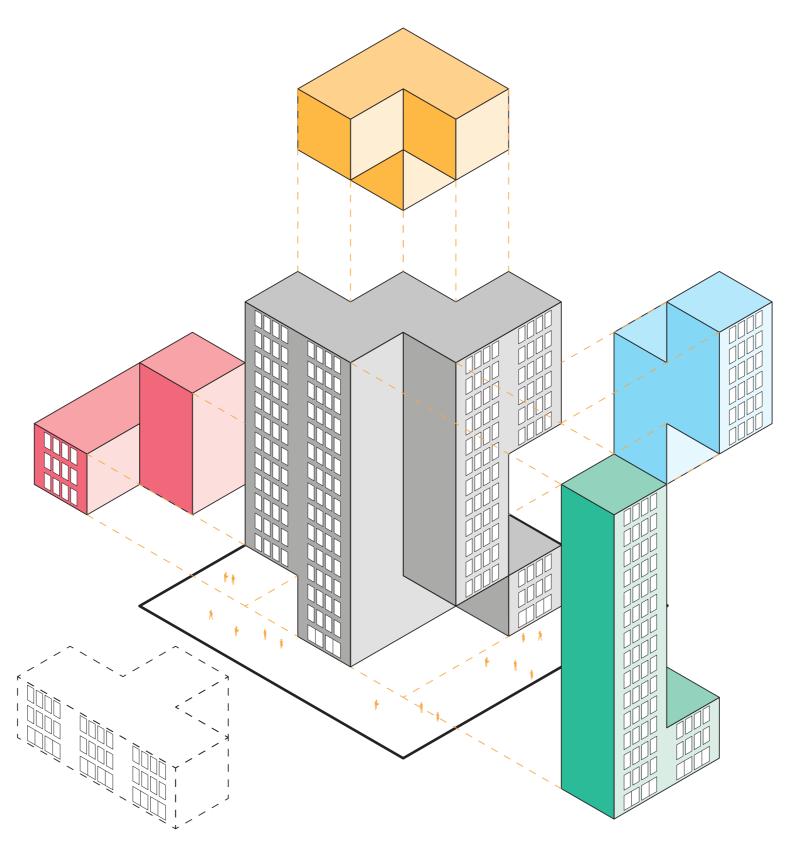
RESEARCH QUESTION

HOW WILL THE INFLUX OF FINANCIALLY LED DEVELOPMENTS, EFFECT EXISTING FRAMEWORKS IN MIDTOWN MANHATTAN?

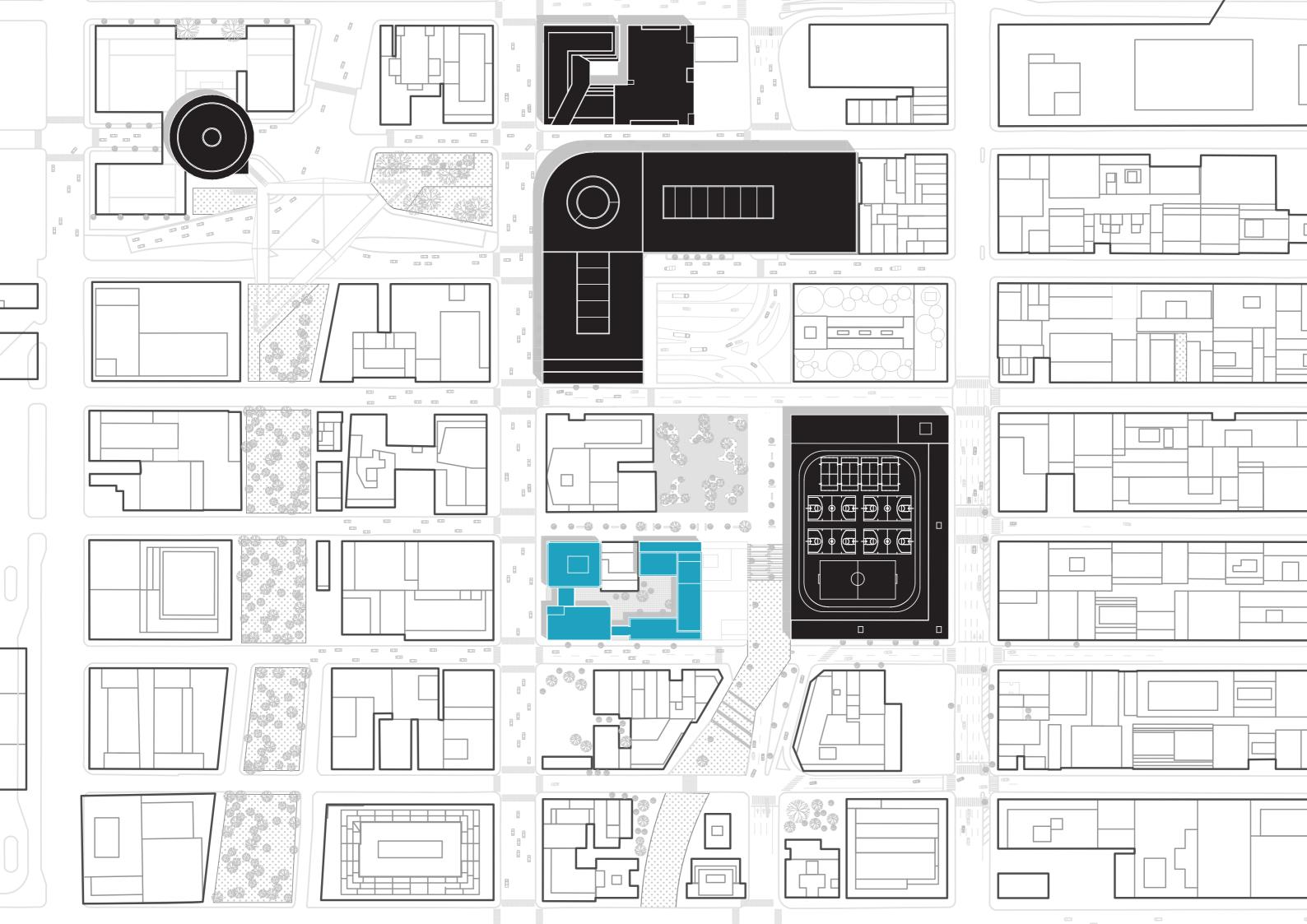
CAN ARCHITECTURE UTILISE THE EXISTING EBBS AND FLOWS TO WEATHER THE STORMS OF CRISES?

ANALTERNATIVE LINCOLN FLEX

Reactionary Multifunctional Complex

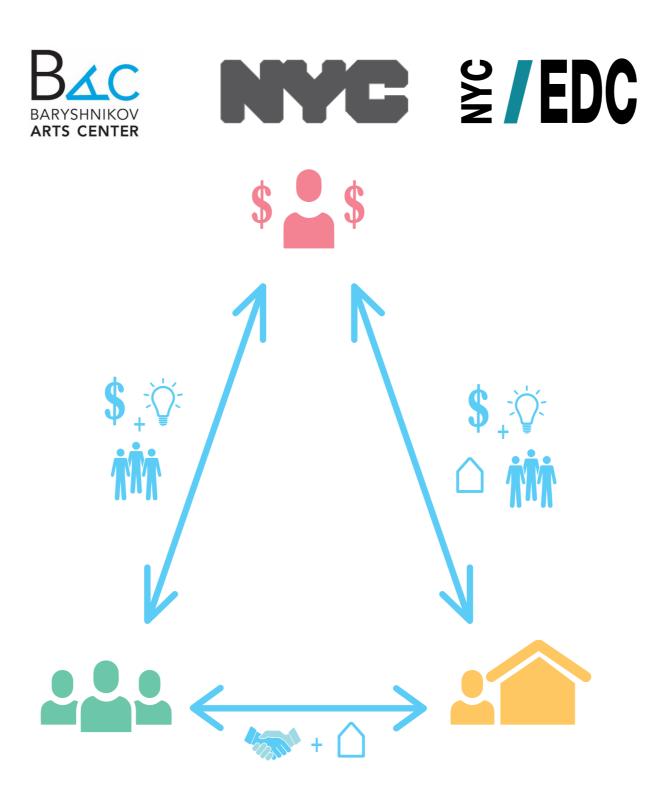


Interchangeable & Adaptable Buildings within an Unifying Framework

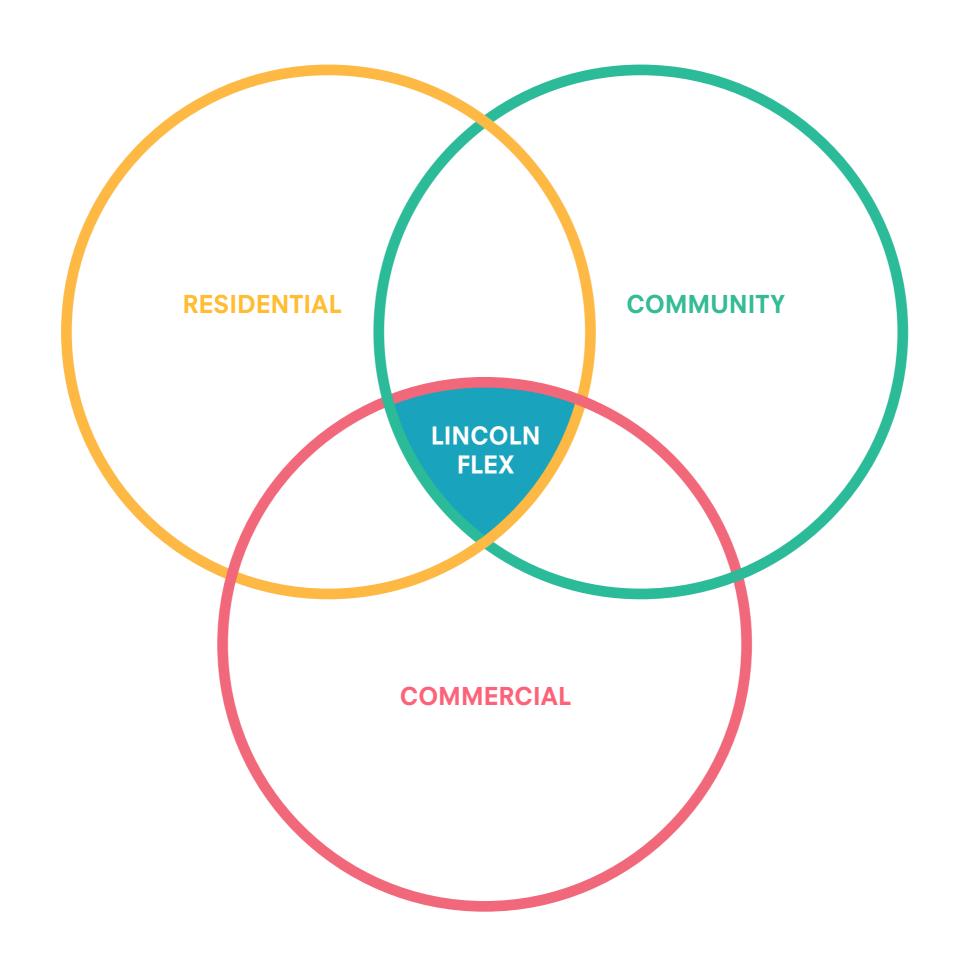




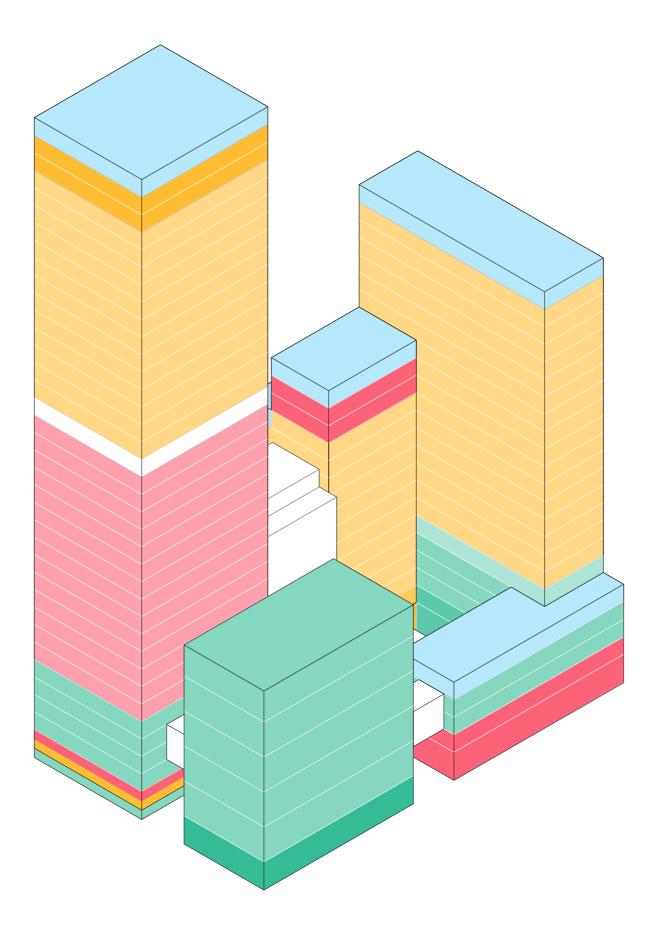
Symbiotic Relationship



Splicing of Users



Potential Programmatic Split



COMMUNITY RESIDENTIAL COMMERCIAL OUTDOOR



PATTERNS OF CHANGE

Manhattan Through the Ages



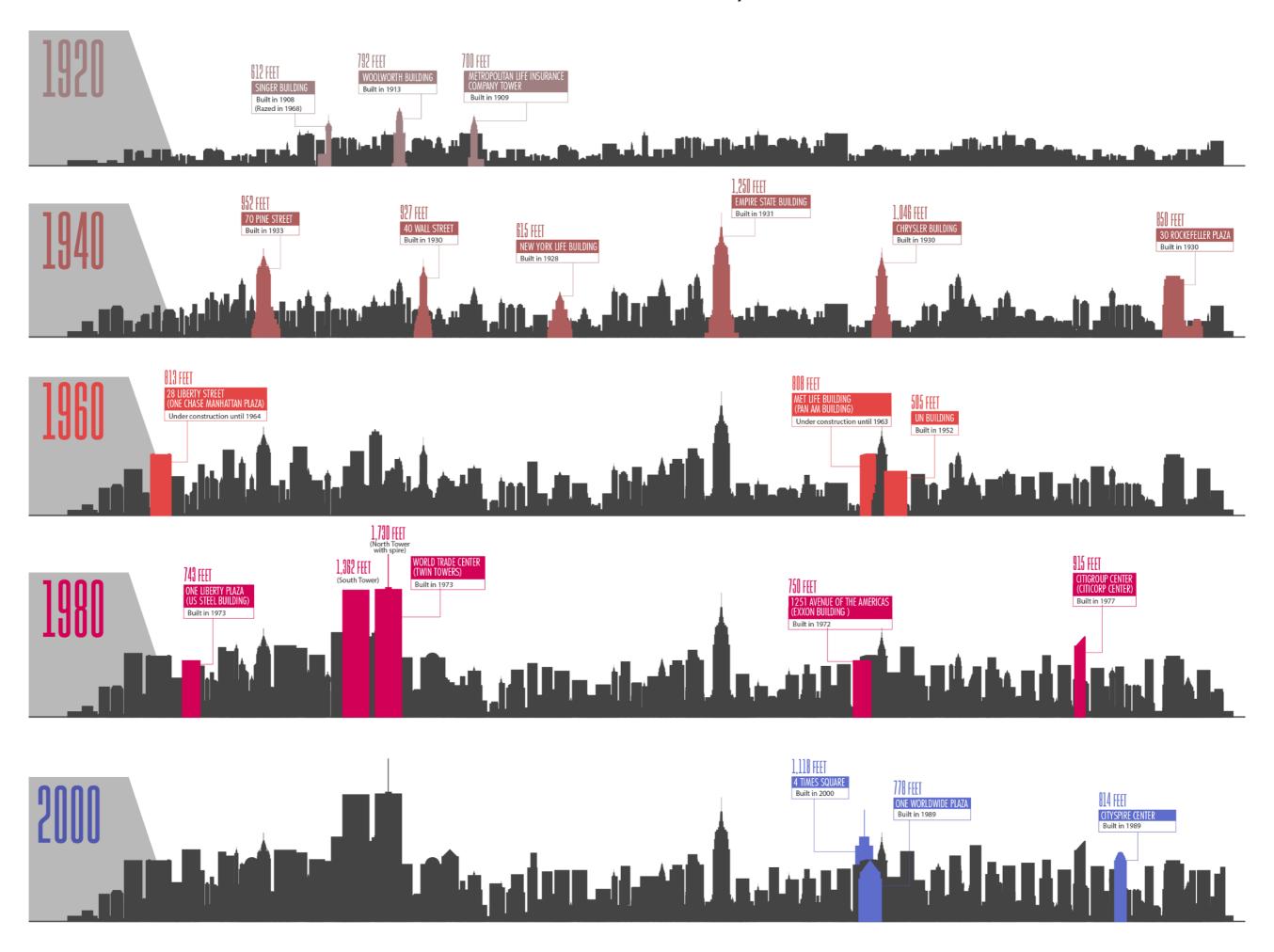
1931



1984



Evolution of the Skyline



VALUE /'VALJU:/

- 1. The importance or worth of something
- 2. The regard that something is held to deserve; the importance, worth, or usefulness of something
- 3. Principles or standards of behaviour; one's judgement of what is important in life



Financial & Business Centre



City of Dreams



Continuous Development

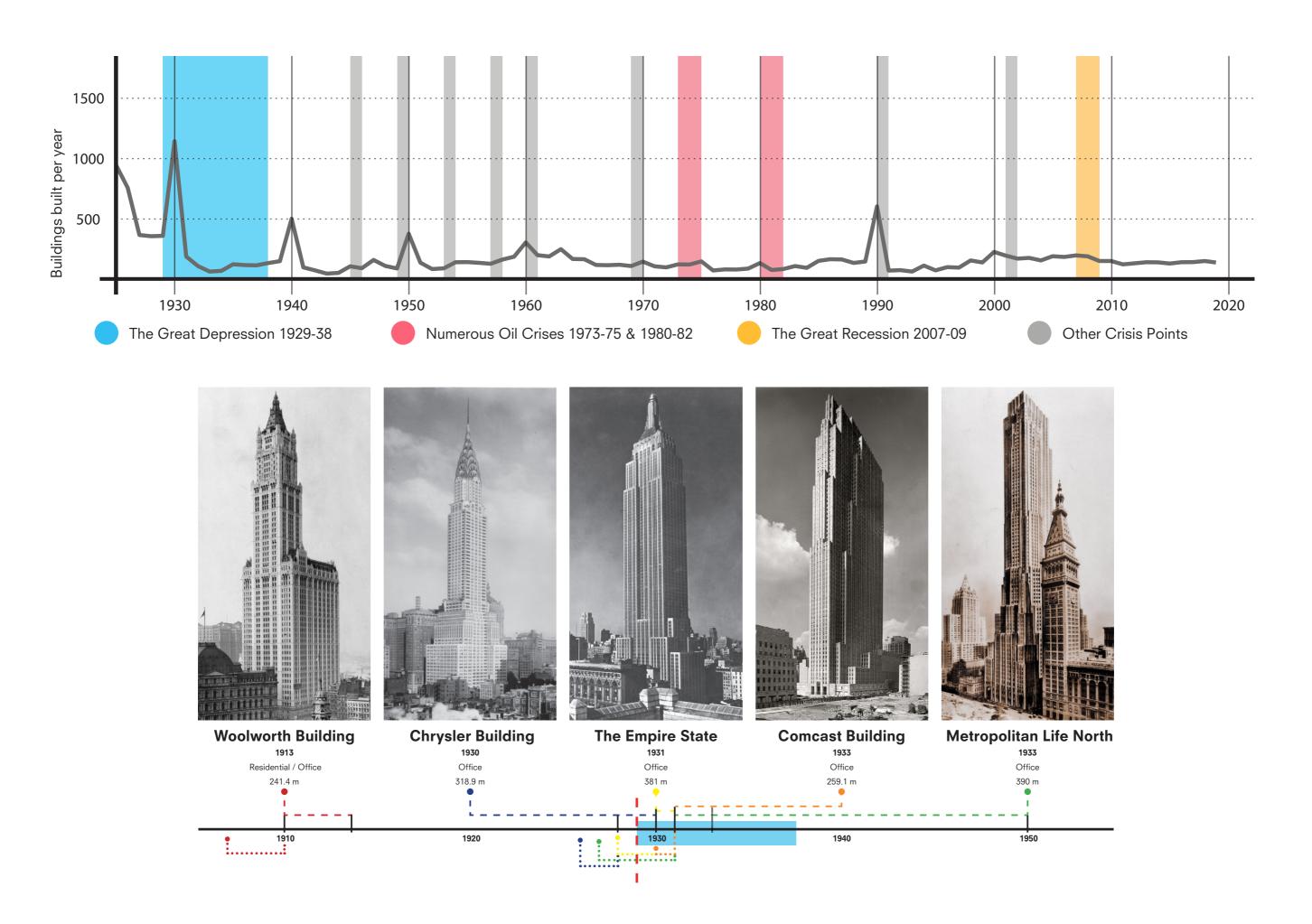


Diverse Environment

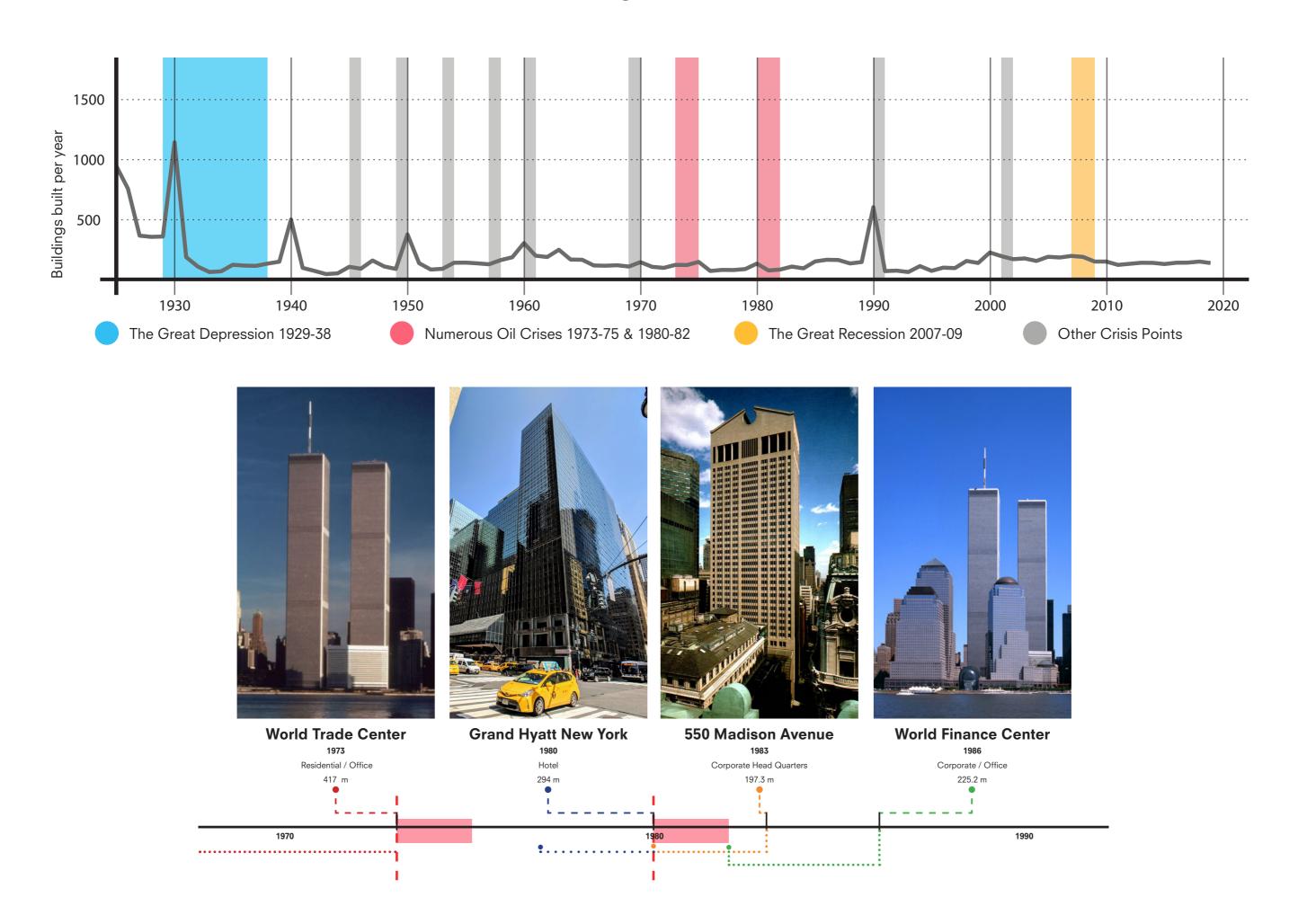


Hard work leads to upwards mobility

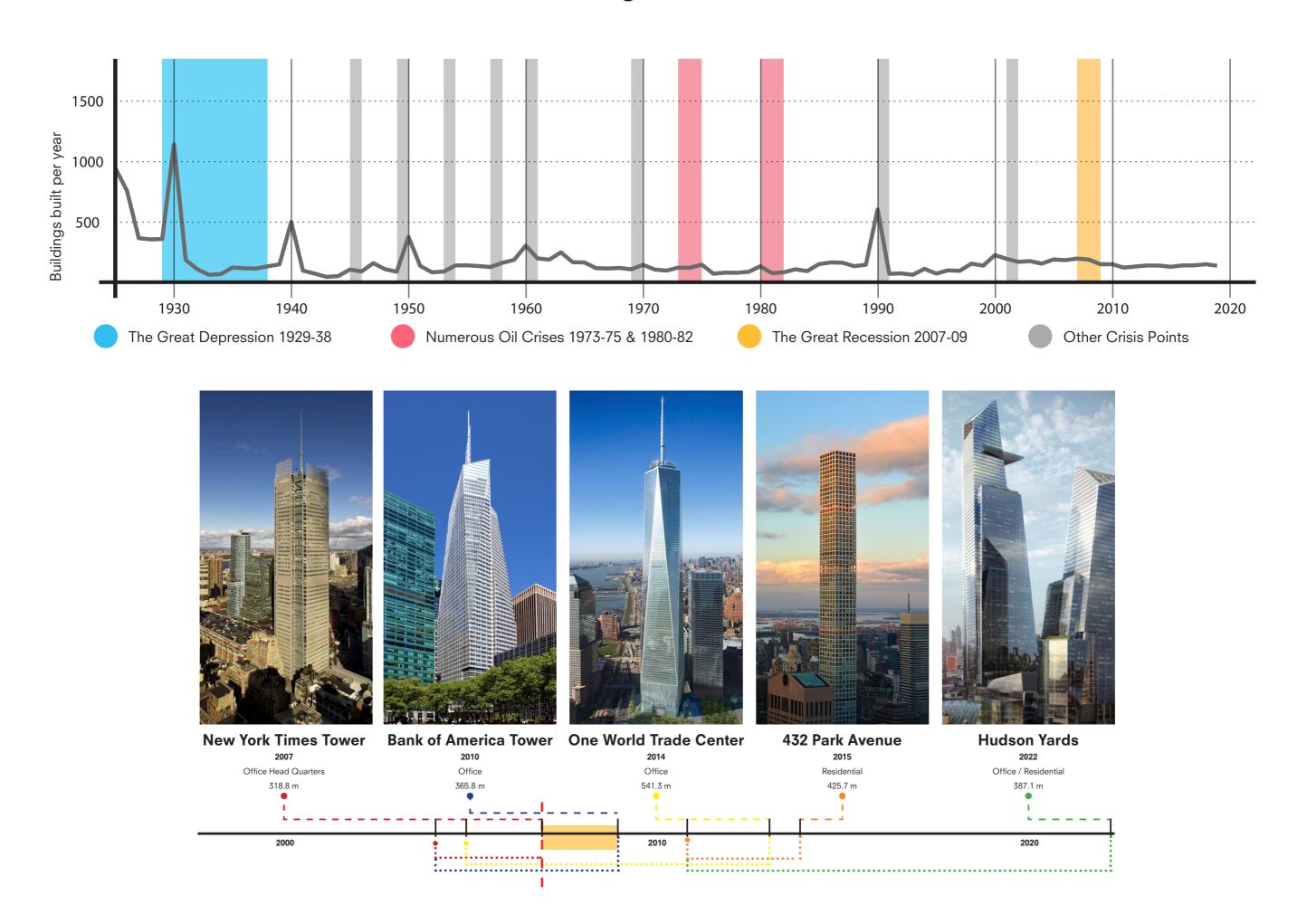
Construction During Times of Crisis in NYC



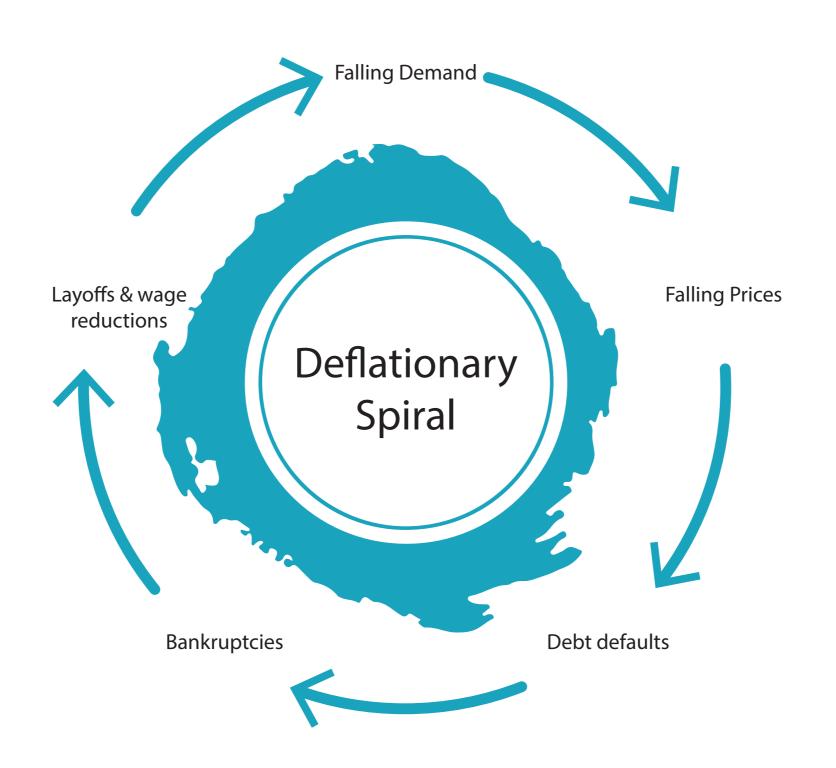
Construction During Times of Crisis in NYC



Construction During Times of Crisis in NYC



The Continous Cycle of Crisis

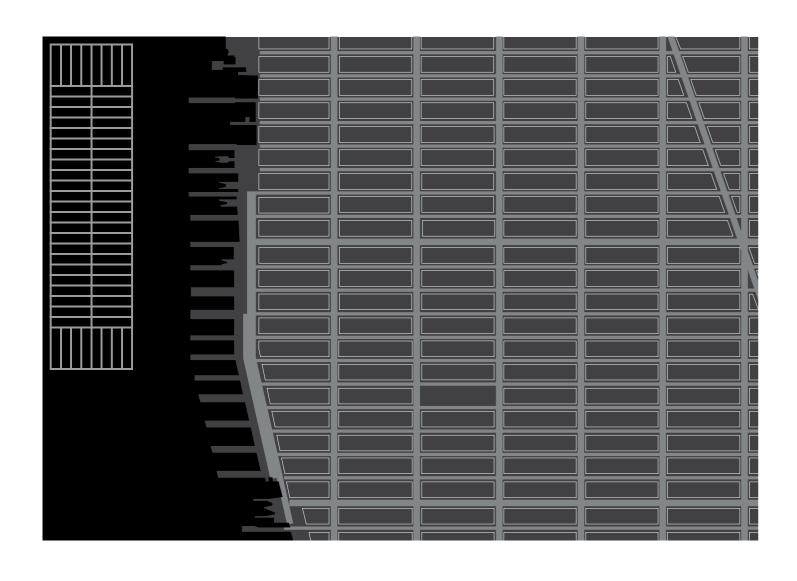


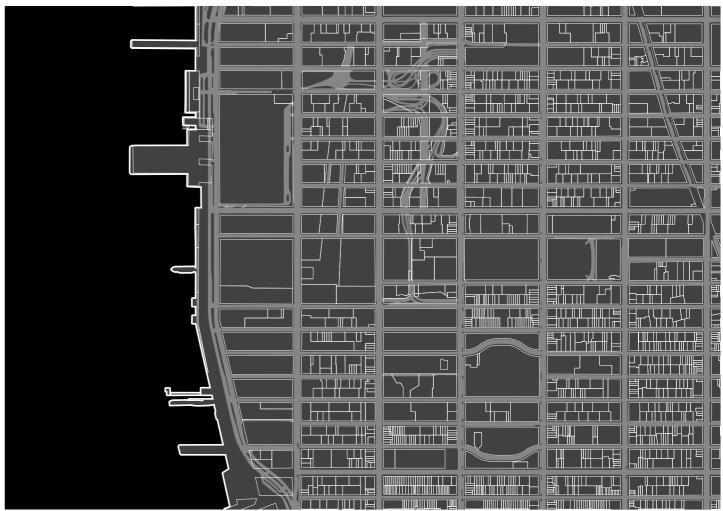


"The textbook response to crisis in many cities has been to intensify neoliberal policies. This has led many scholars and activists to despair that while neoliberalism is the cause of the current crisis it is also perversely embraced as its solution."

Seth Schindle

Compounding of Plots for Larger Individual Developments





A City Run by Developers

"The **Top 10** Real Estate owners, own roughly **546 Million sqft** of property citywide, with a net income **\$7.5 Billion a year**"

RELATED

















© The Chetrit Group,LLC

Findings



Cycles of Growth Follow a Correlation of Construction & Economic Crises



Profit Led Monoculture Within Development



Disparity Between Districts



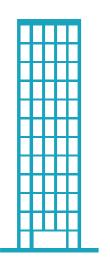
Consecutive Sky Limit Raising

THE ABILITY TO ADAPT

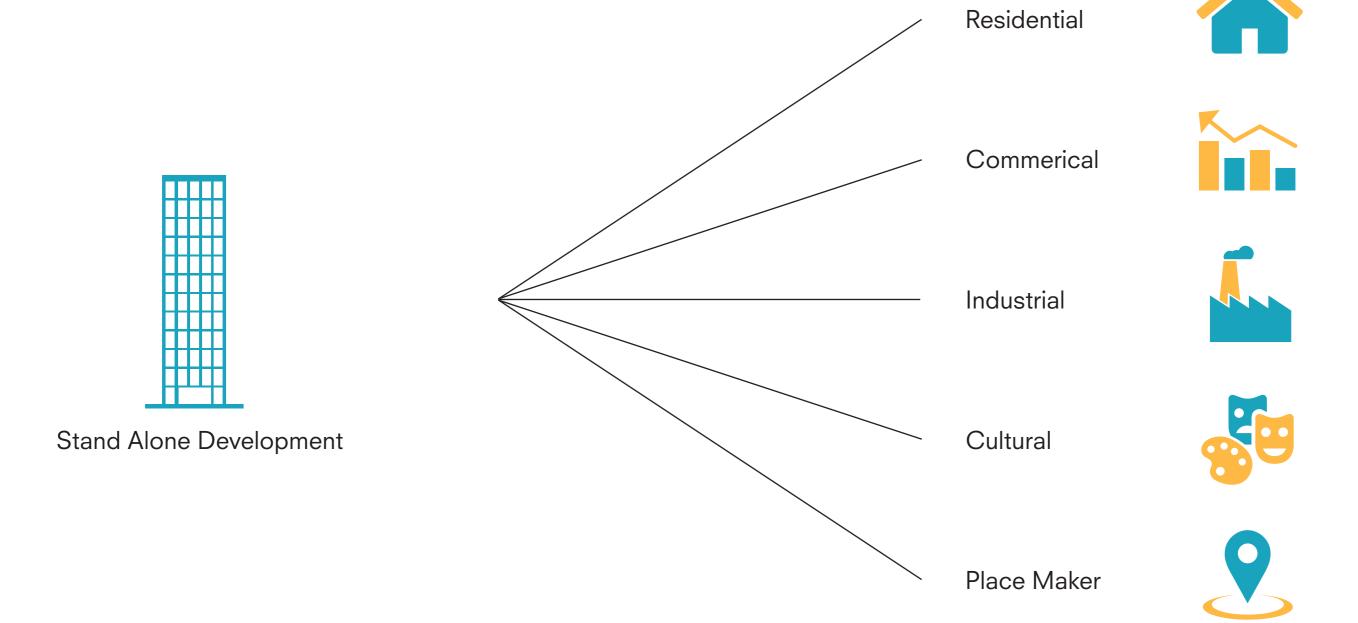
ADAPT/

- 1. Make (something) suitable for a new use or purpose; modify
- 2. Become adjusted to new conditions

WHAT IS THE FUTURE OF DEVELOPMENTS SO THEY MAY RESPOND TO TIMES OF CRISES?

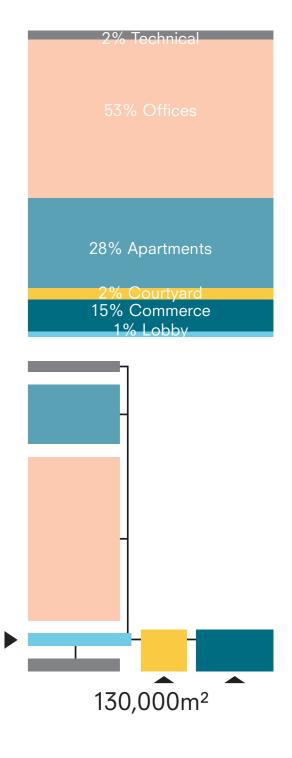


Stand Alone Development





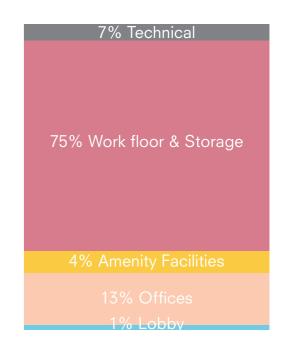


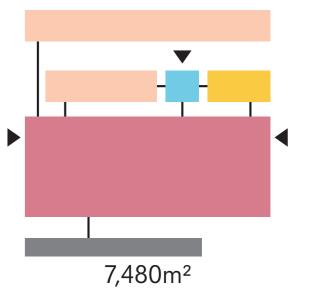


Bloomberg Tower (2005)

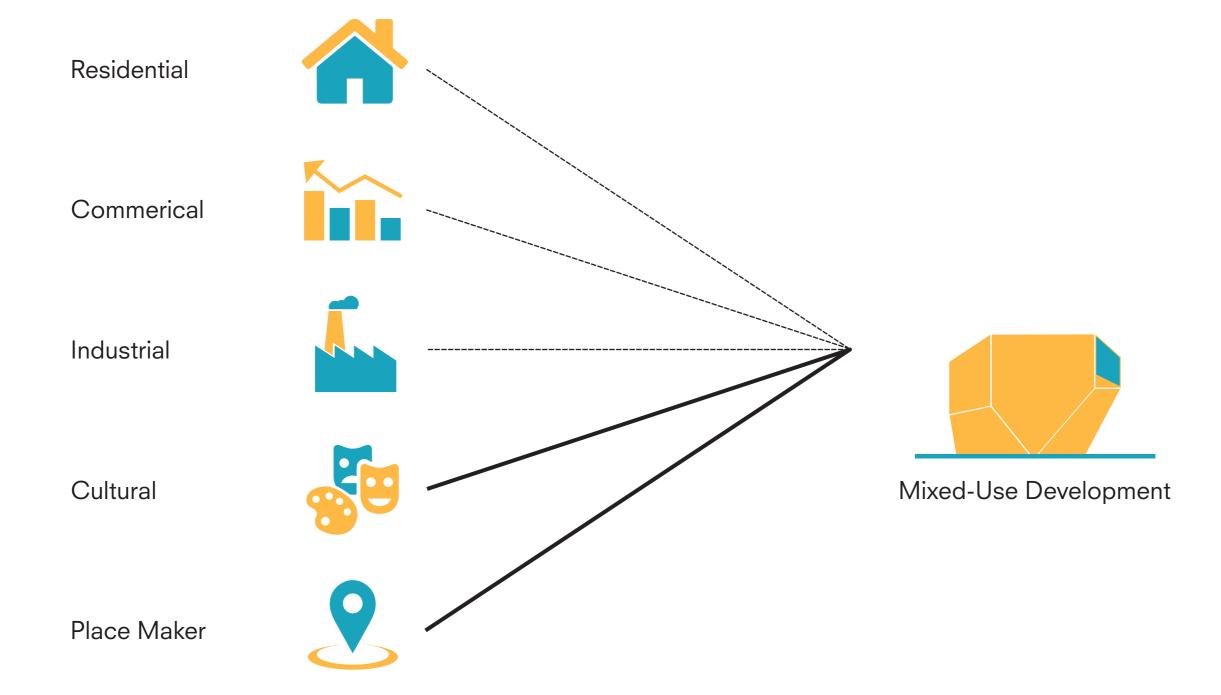








Brunner Innovation Factory (2018)





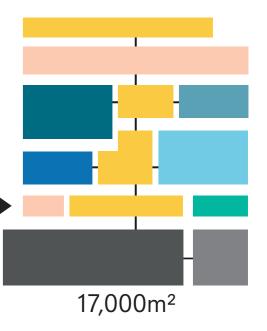
7% Technical

23% public

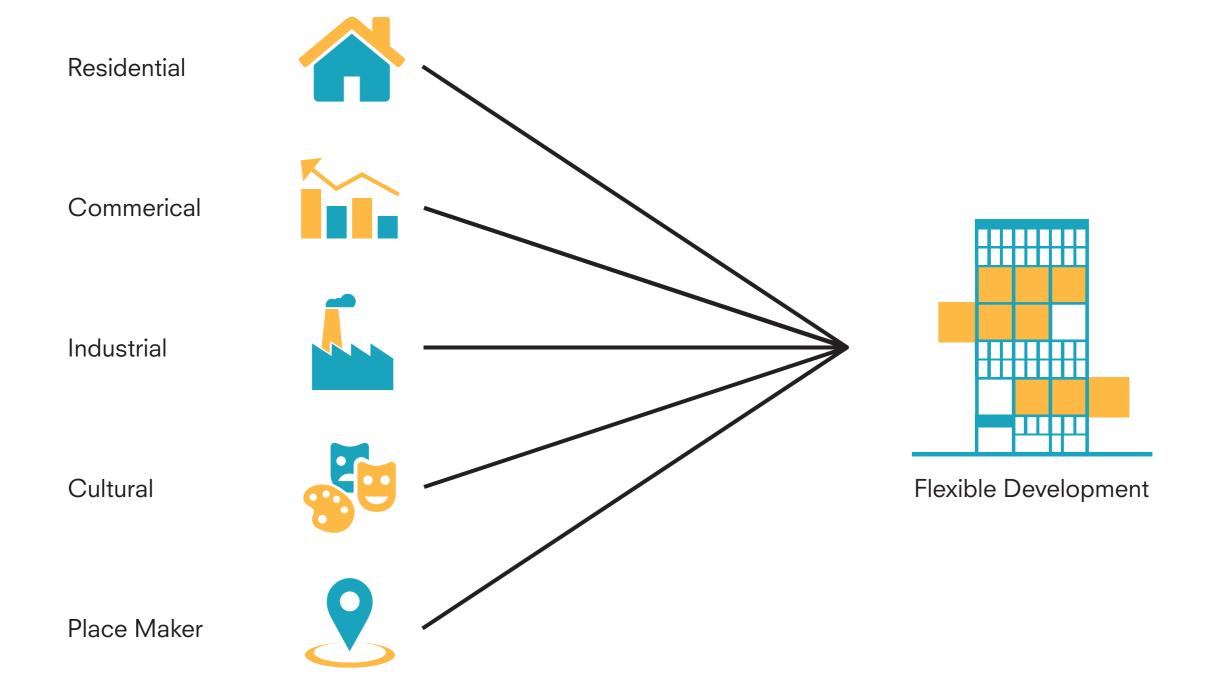
15% Commercial

6% Library
8% Auditorium
10% Cinema
12% Expo
5% Rentable rooms

14% Parking



Forum Groningen (2019)

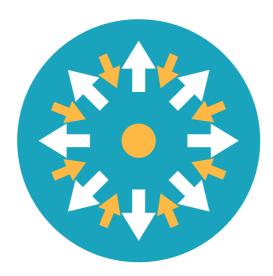


DEVELOPMENT BASED ON NEEDS RATHER THAN FINANICAL INCENTIVE

Postive Impacts of Being Adaptable



Ride out Waves in Economic Cycles



Facilitate Expansion and Contraction of Tenants



Reduction in Monoculture due to Program Flexibility



Ability to Upgade to Future Systems

Challenges to Adaptability



Frozen Elements Within the Building



Constant Management Required

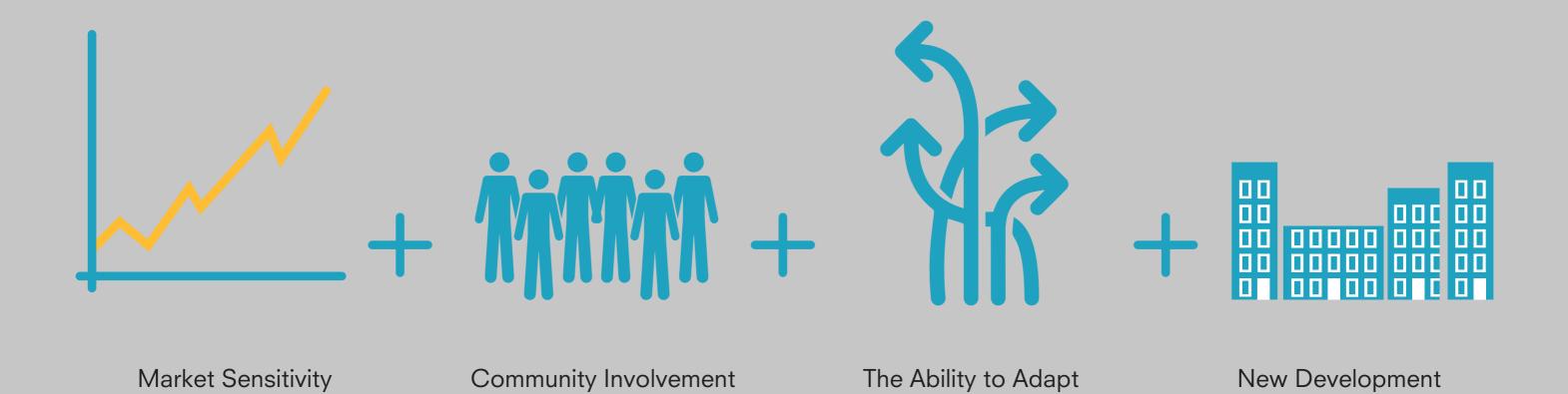


Difficult to Market



Tendency to Overspecify
Service Equipment, Reduction
in Usable Floorplate

Conclusion





Long-term Sustainability

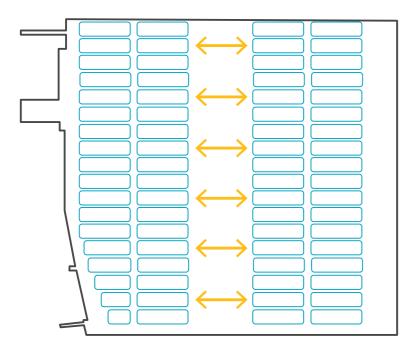
THE PROPOSAL

TRANSITIONAL YARDS DEVELOPMENT

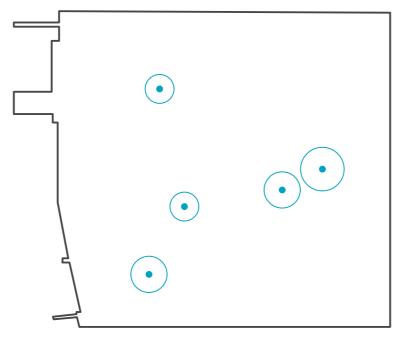
Current Situation



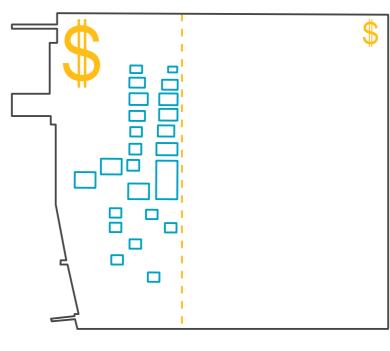
Main Challenges



East to West Isolation

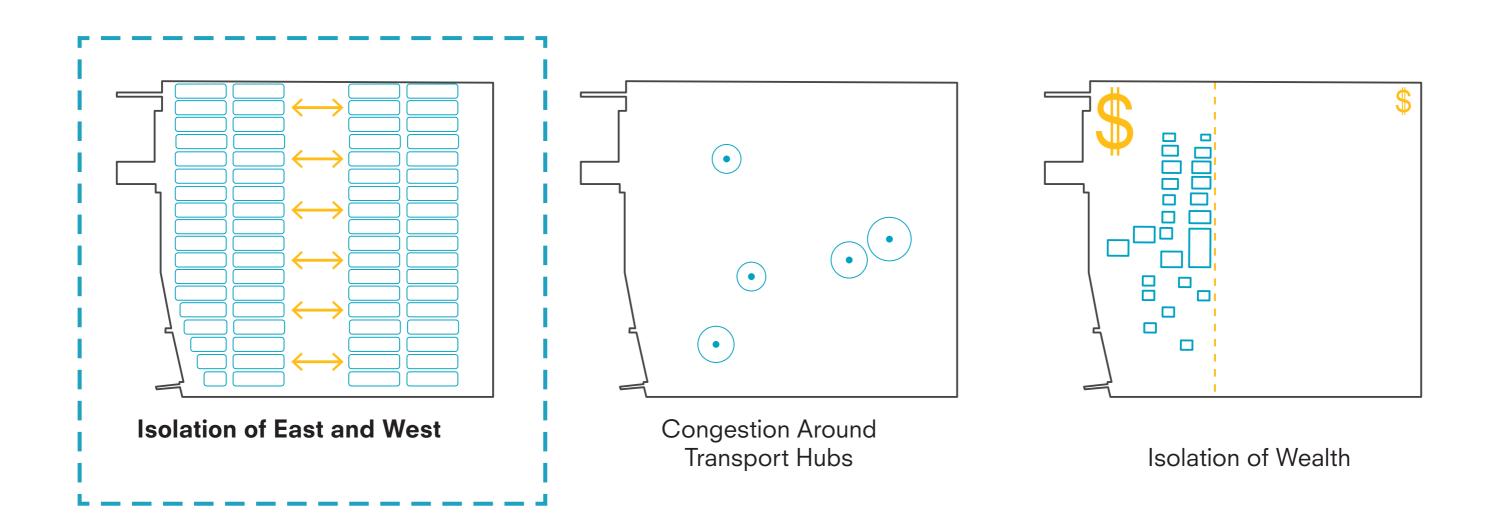


Congestion Around Transport Hubs

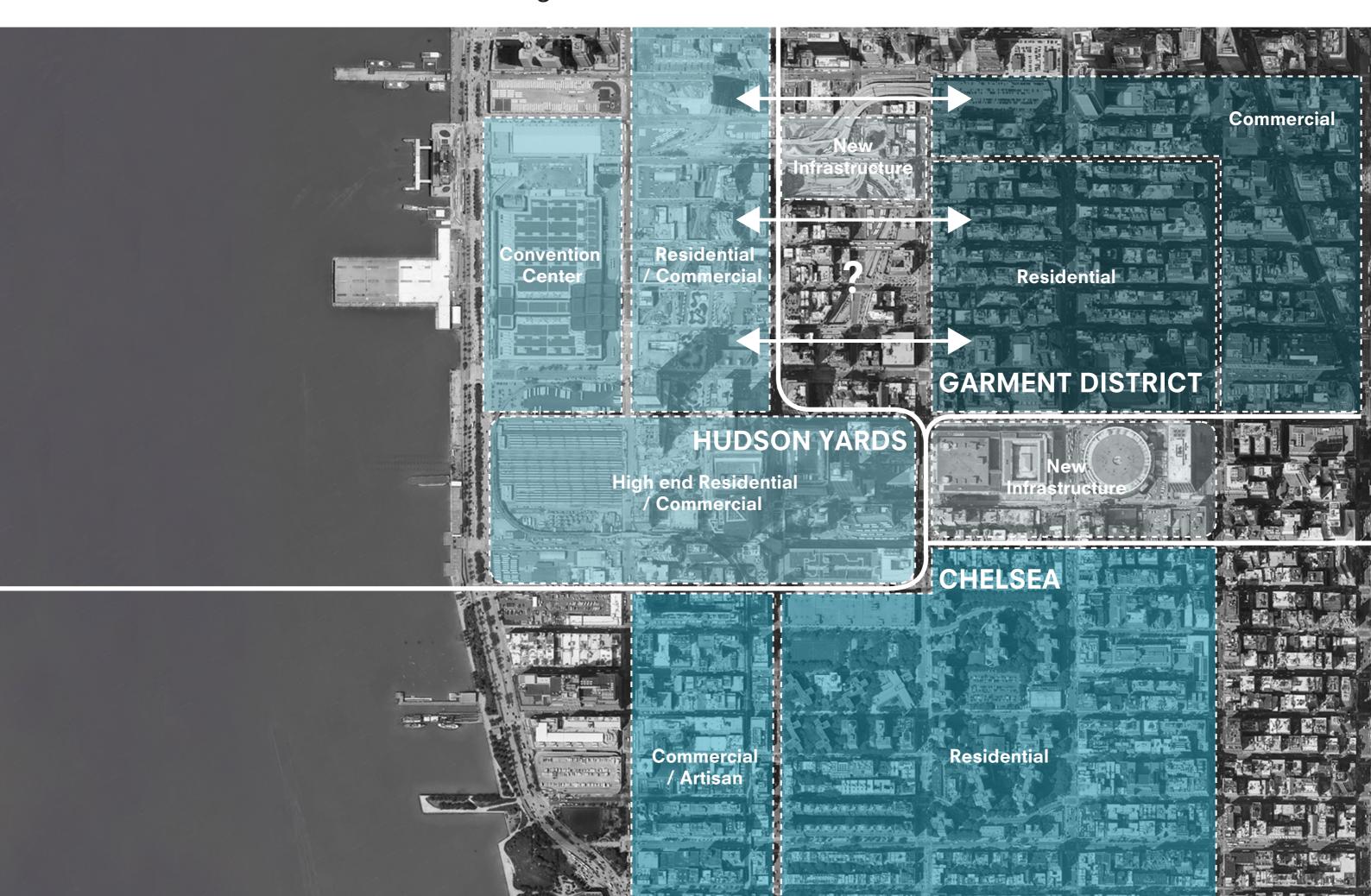


Isolation of Wealth

Main Challenges

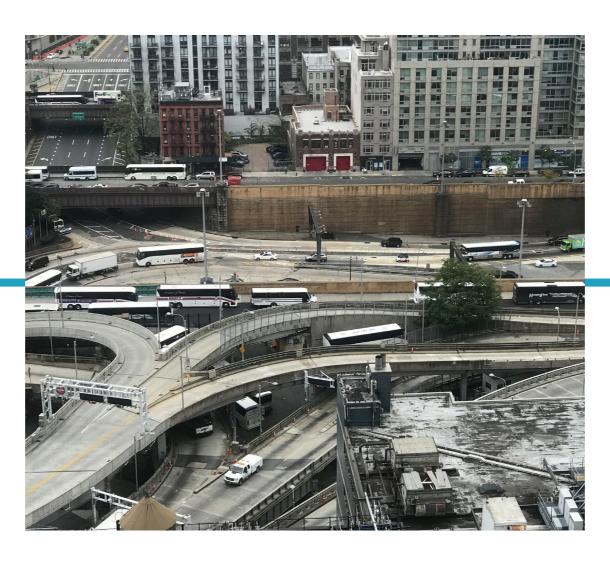


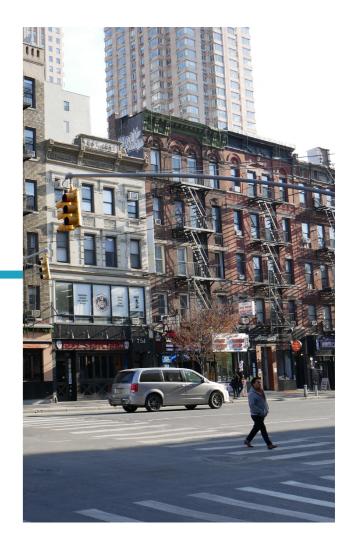
Challenge: Isolation of East and West



Due to: Disparity & Mass Infrastructure







Starting with the **Existing Public Green**



and the addition of **New Public Realm**



within the existing Framework of Avenues



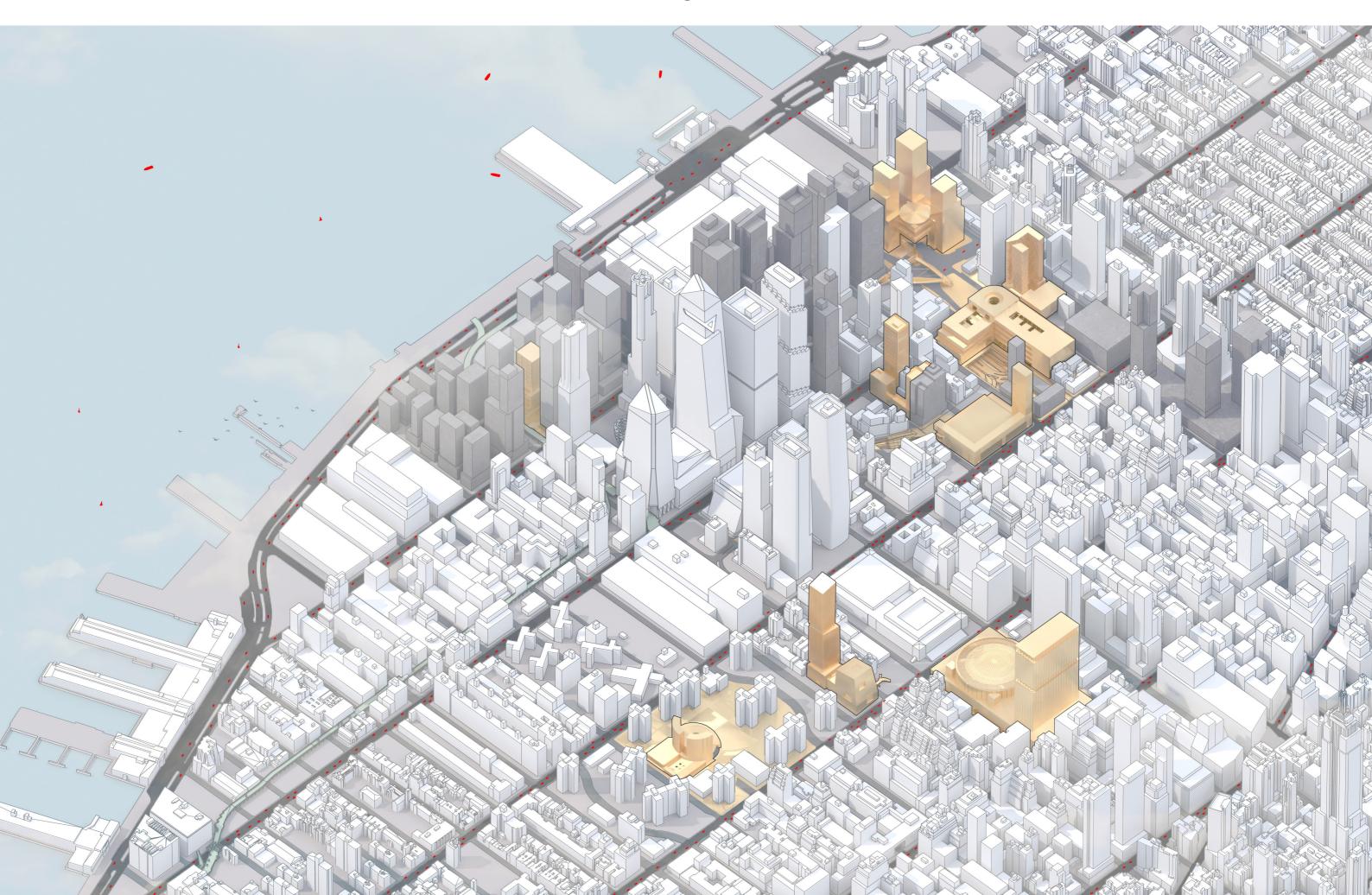
unified by Secondary Informal Routing



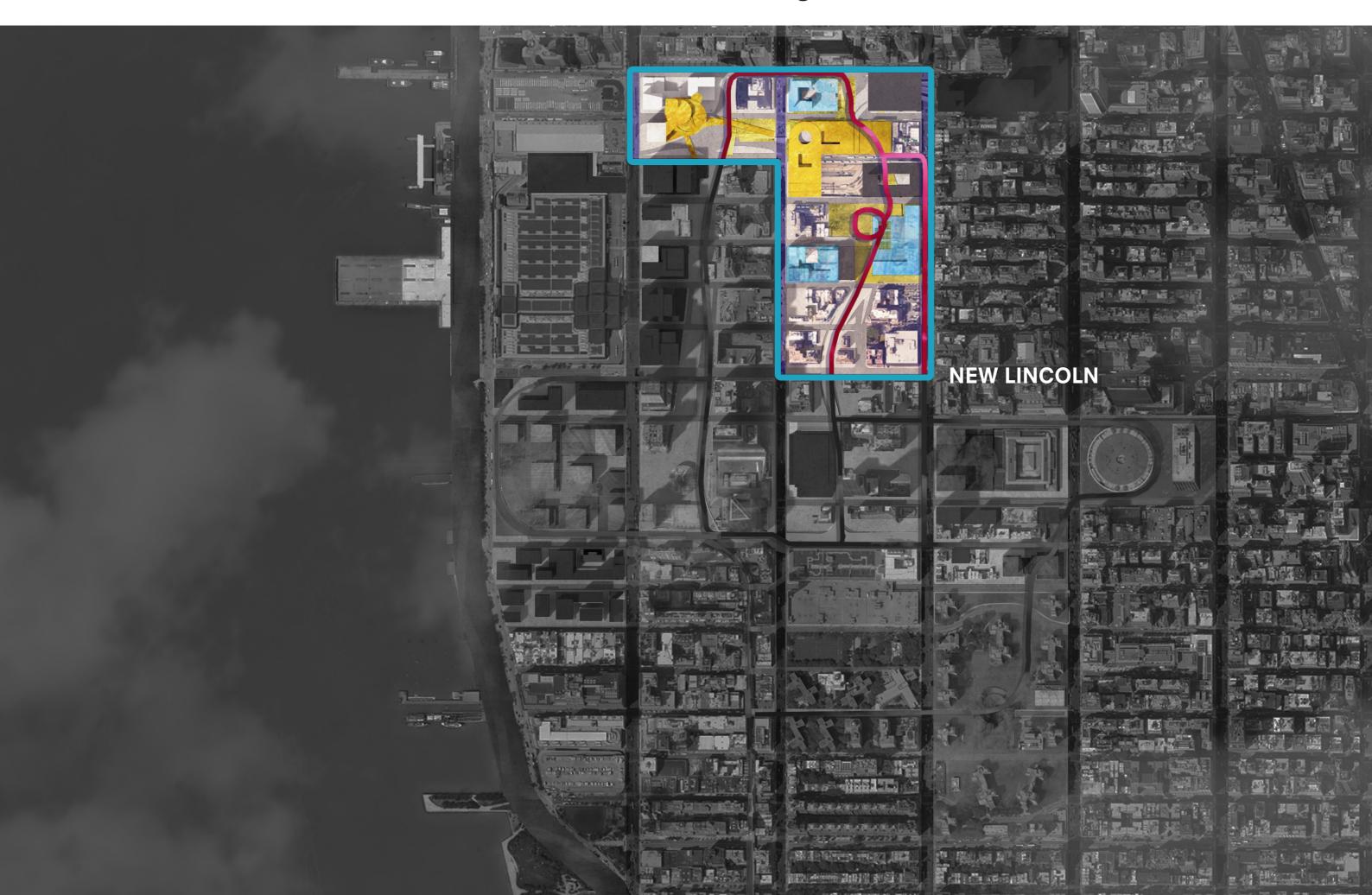
will result in a thriving **Transitional Yards**



will result in a thriving **Transitional Yards**



and the creation of a **New Neighbourhood**

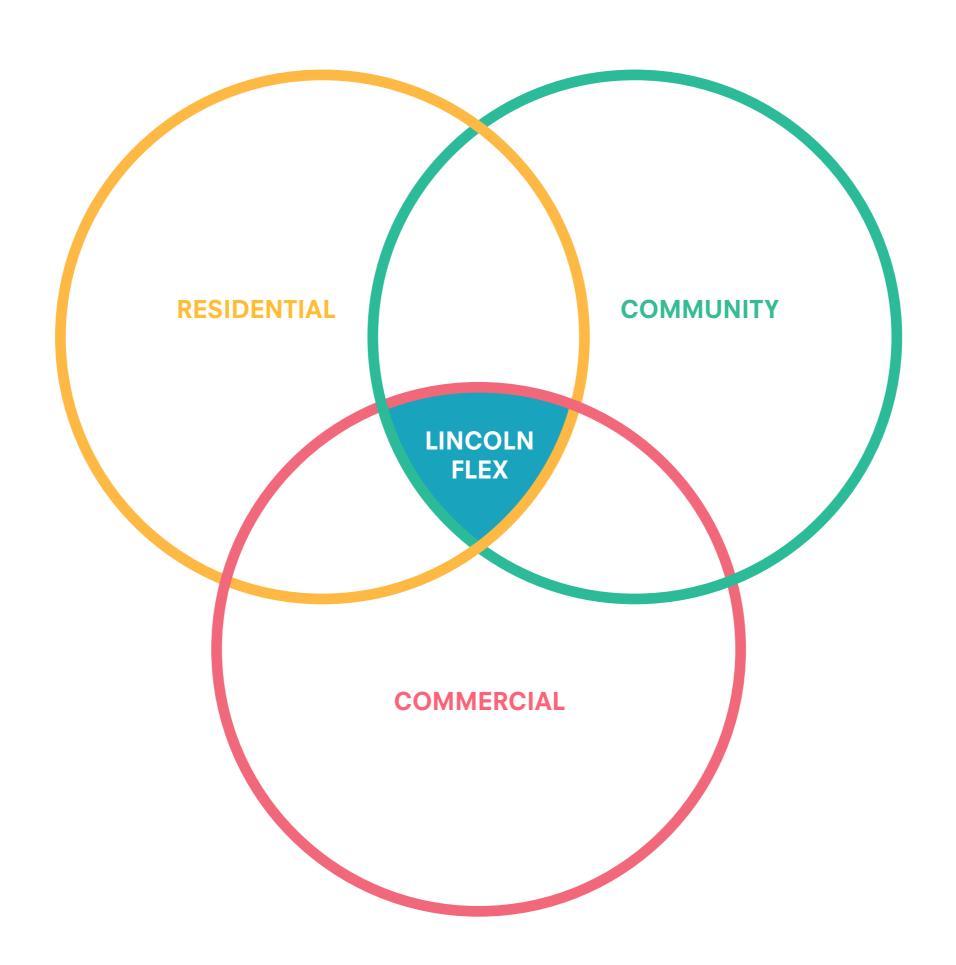


and the creation of a **New Neighbourhood**

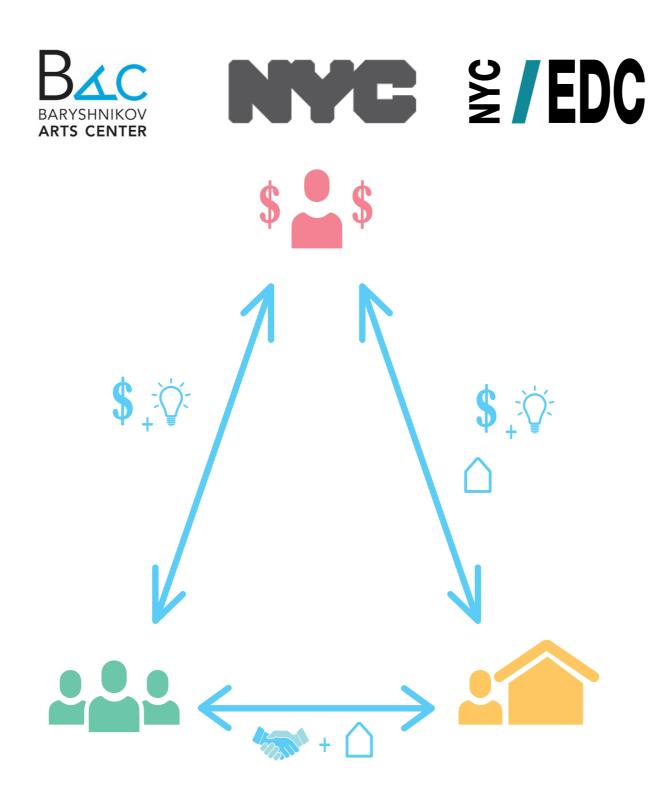


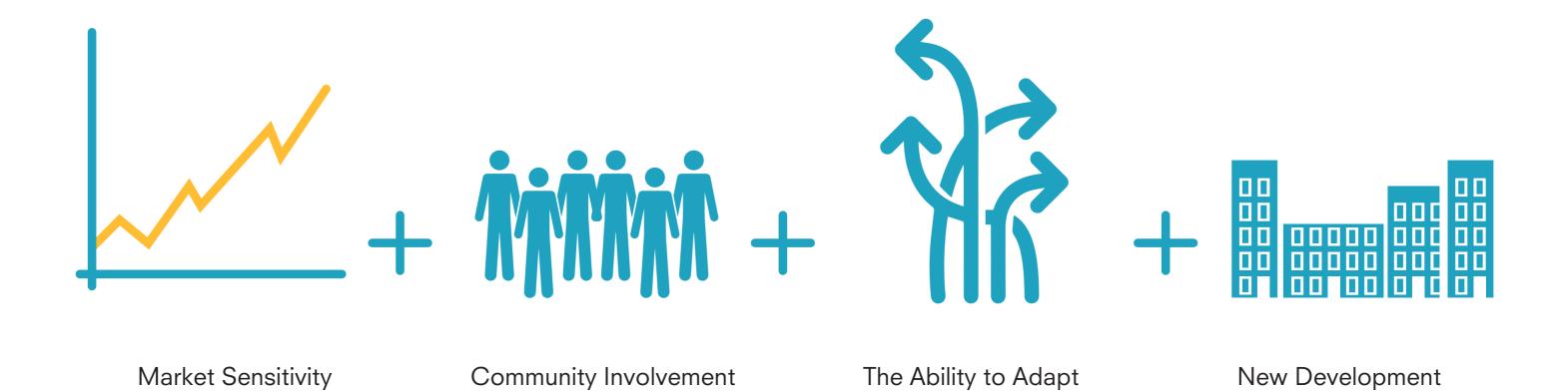
LINCOLN FLEX

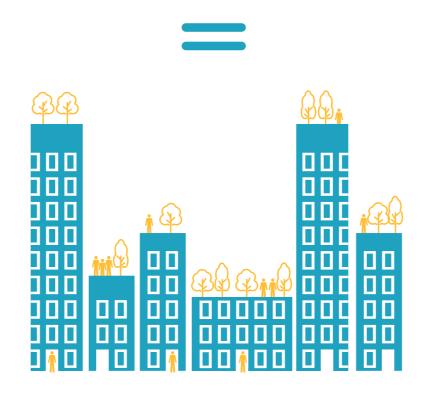
Contributors



Symbiotic Relationship

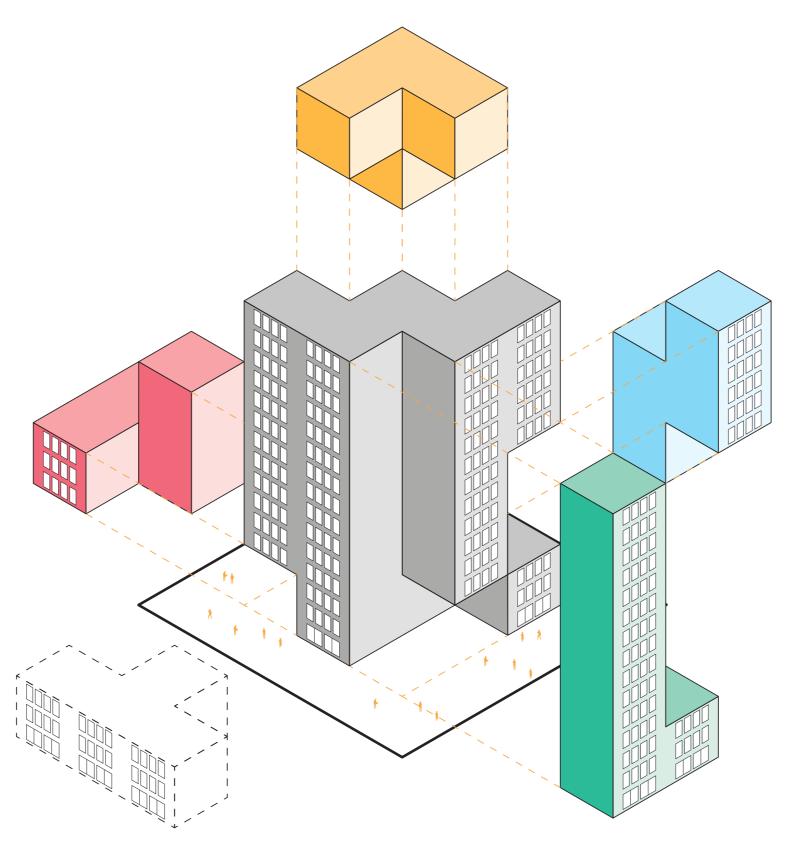






Long-term Sustainability

Reactionary Multifunctional Complex



Interchangeable & Adaptable Buildings Within an Unifying Framework

Aims



environment



Reflect its surrounds within its contextual identity



Varying form of entrance depending upon the function



Modular construction for adaptation & future expansion

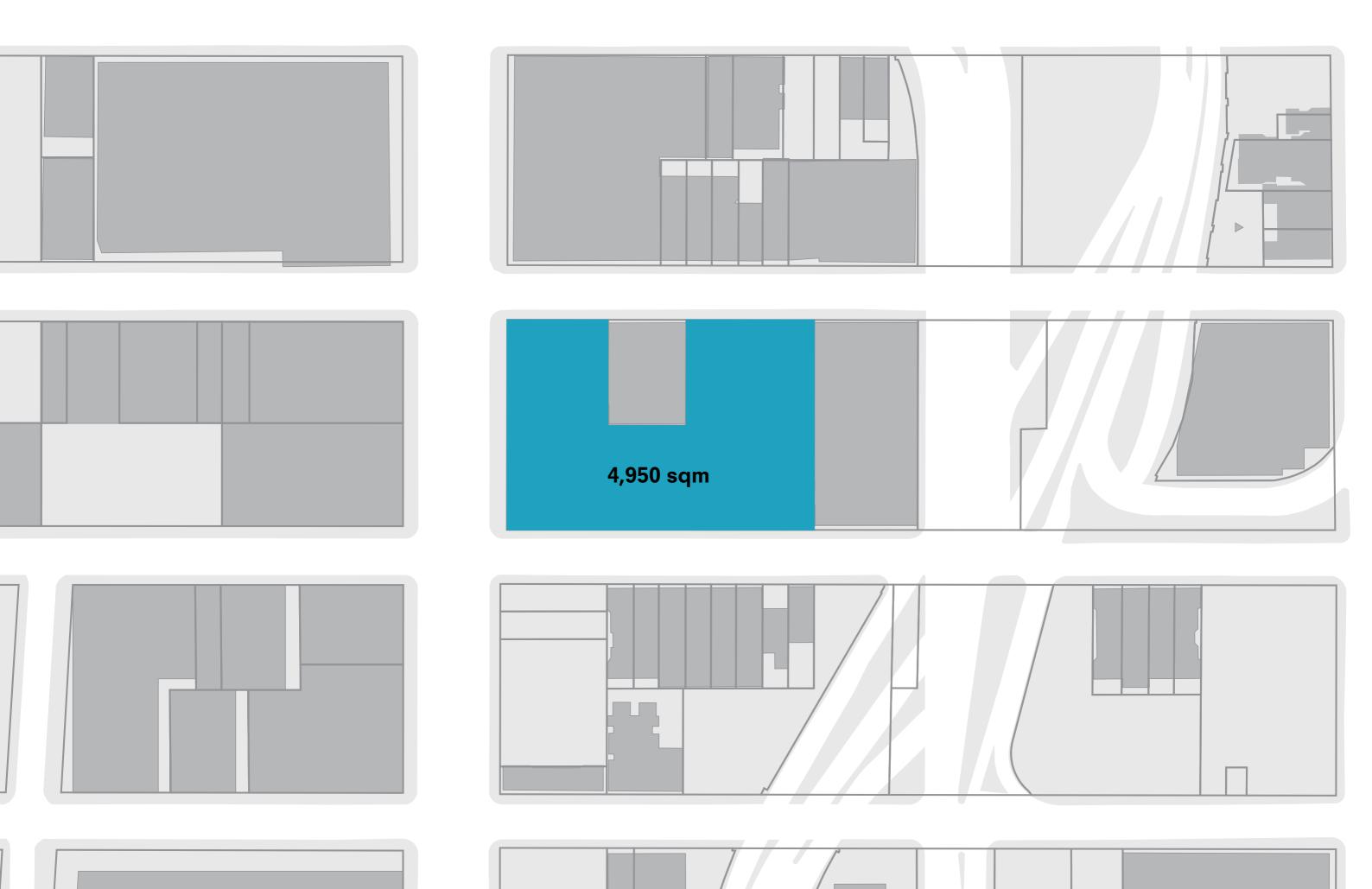


Use of construction and materials must be sustainable

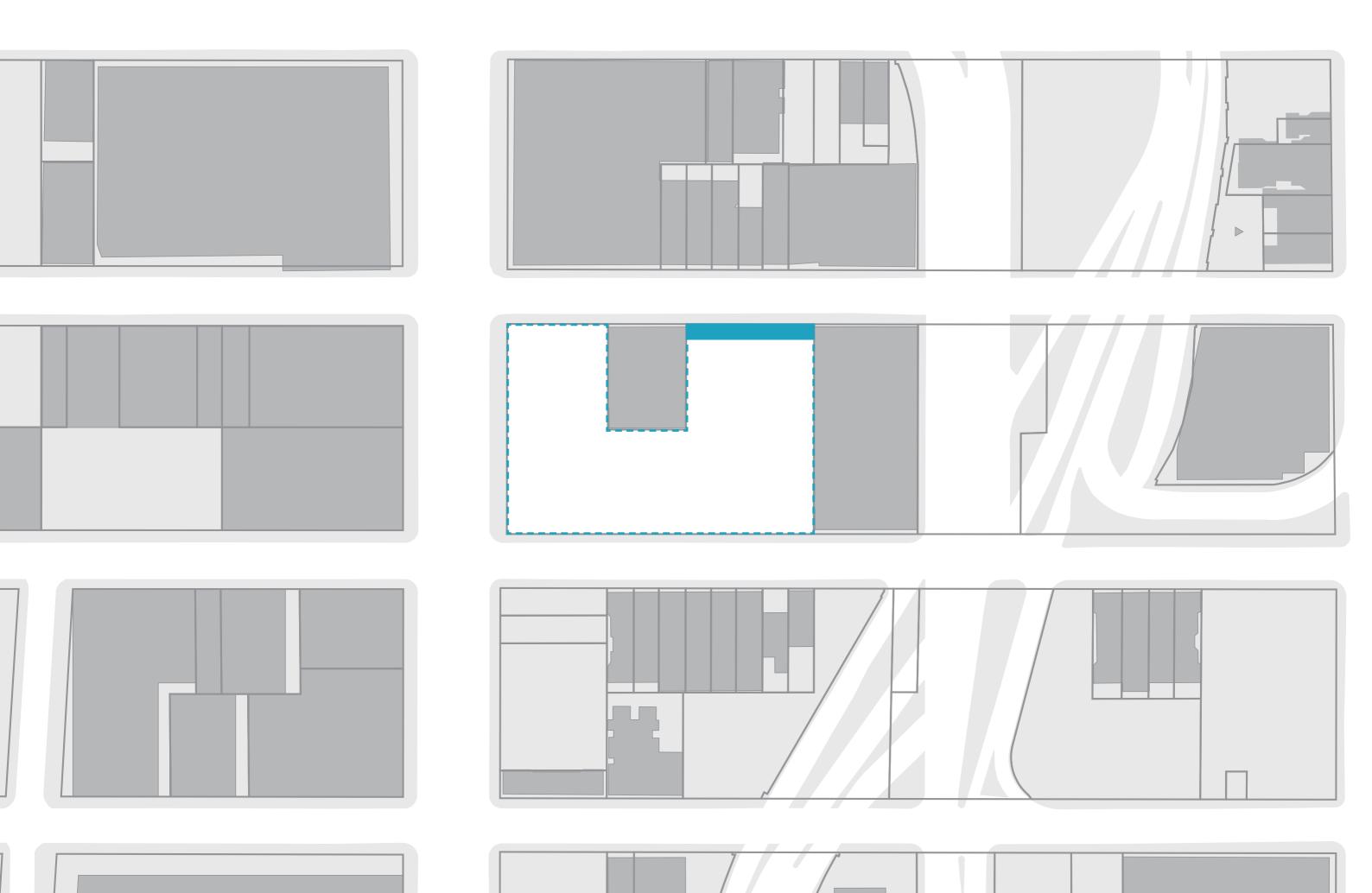


Contribute towards the improvement of the public realm

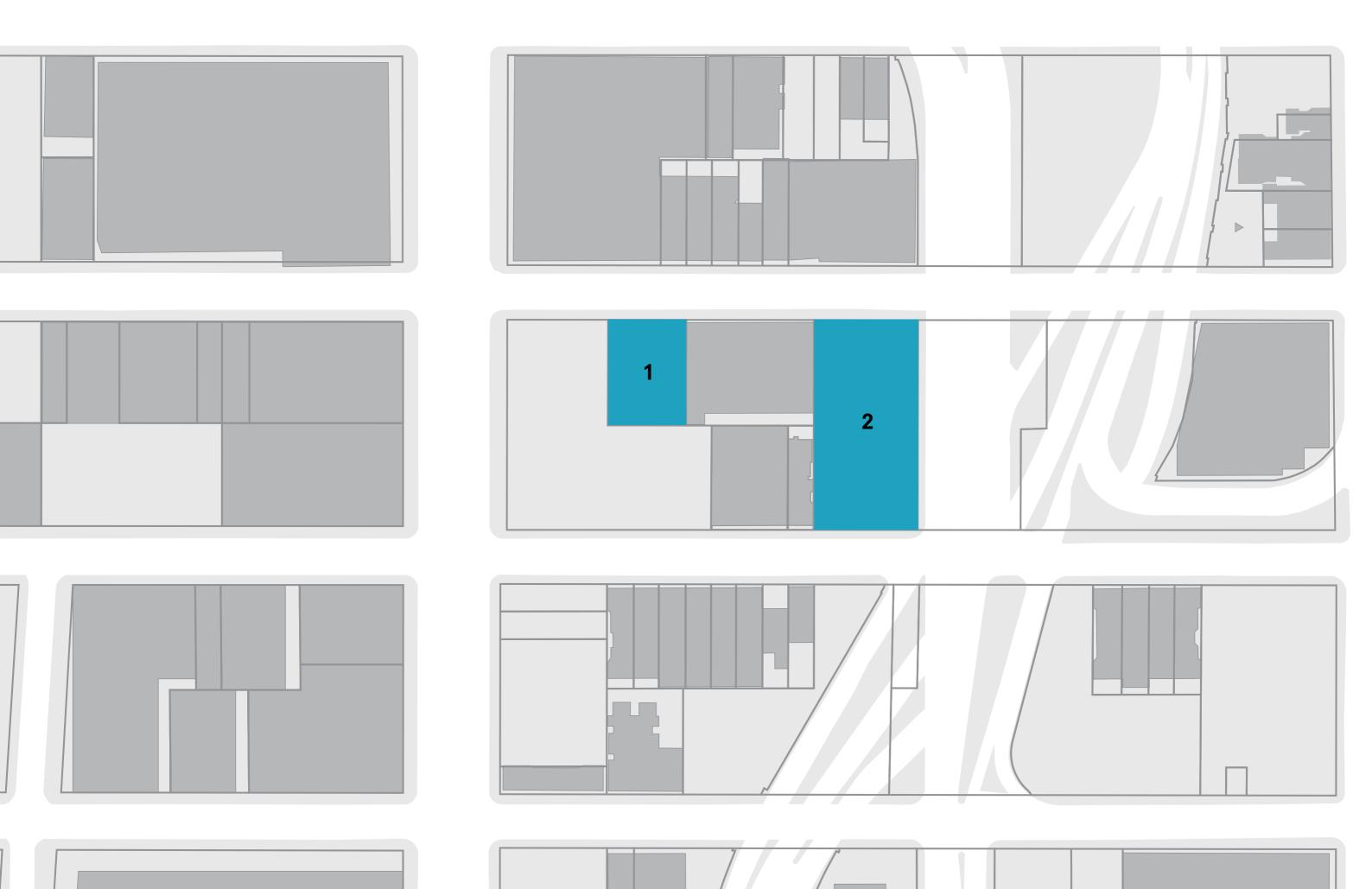
Total site



Retained Facade



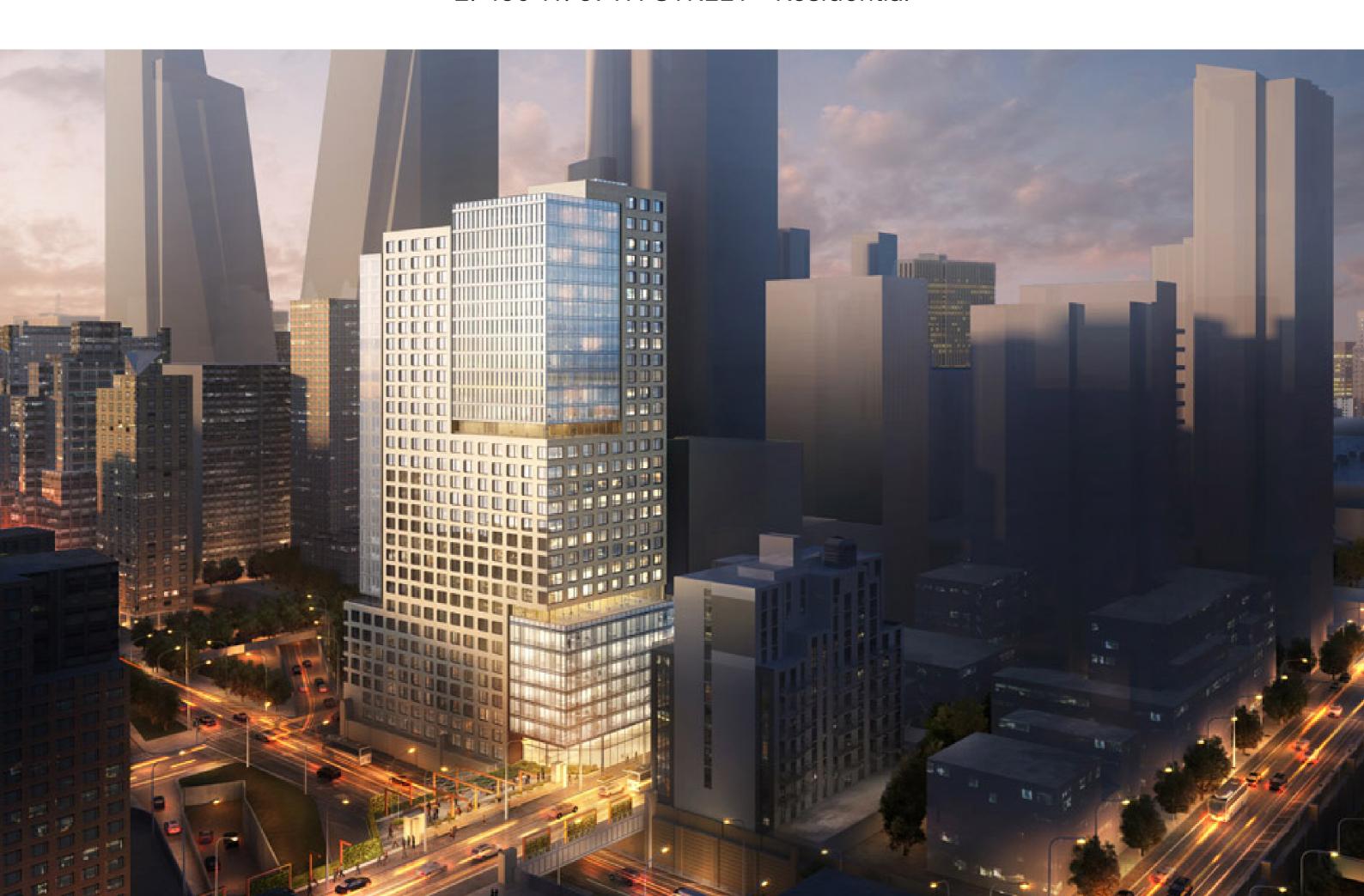
New construction within the block

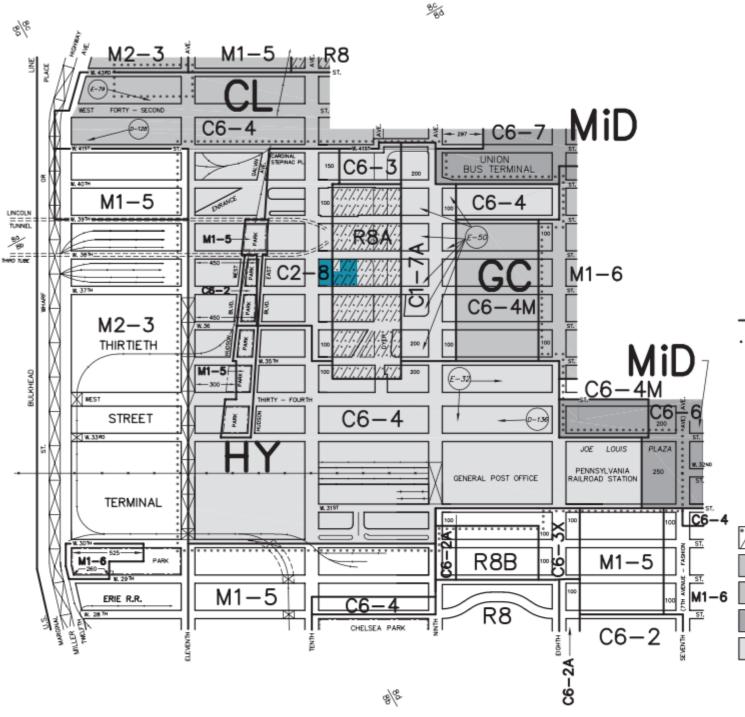


1. Baryshnikov Arts Center



2. 450 W. 37TH STREET - Residential







CITY PLANNING COMMISSION CITY OF NEW YORK

DIAGRAM SHOWING

ZONING CHANGE

ON SECTIONAL MAPS 8b, 8c & 8d

BOROUGH OF

FFECTIVE DATE
January 19, 2005
C. C. RESO. # 782



NOTE:

CL

GC

MiD

HY

Indicates Zoning District boundary.

The area enclosed by the dotted line is rezoned by eliminating a Special Jacob K. Javits Convention Center District and a Special Garment Center District and by changing from C6-2, C6-2A, C6-2M, C6-3, C6-4, M1-5, M1-6 and M2-3 Districts to R8A, C1-7A, C2-8, C6-3, C6-3X, C6-4, C6-4M, and C6-6 Districts, and by establishing a C2-5 District within a R8A District, and by establishing a Special Midtown District and a Special Hudson Yards District.

Indicates a C2-5 District.

Indicates a Special Clinton Preservation District.

Indicates a Special Garment Center District.

Indicates a Special Midtown Development District.

Indicates a Special Hudson Yards District.

Indicates a City Environmental Quality Review Declaration, refer to C.E.Q.R. sheet.

Please See Attached Listing For E-137 Locations Indicates a Restrictive Declaration Area, refer to R.D. sheet.

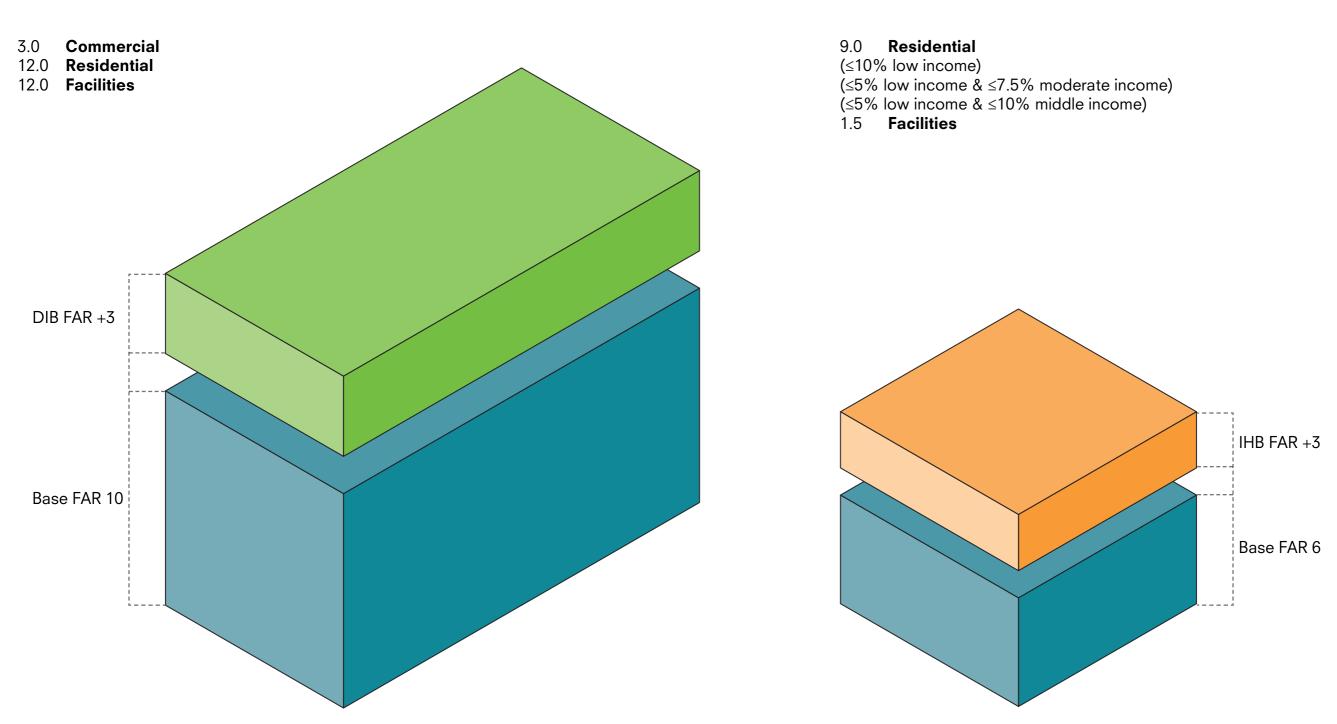
THIS DIAGRAM IS FOR ILLUSTRATIVE PURPOSES ONLY.

THIS DIAGRAM REFLECTS PROPOSED CHANGES IN THE CITY MAP

PURSUANT TO RELATED MAPPING APPLICATIONS C 040507 MMM & C 040508 MMM

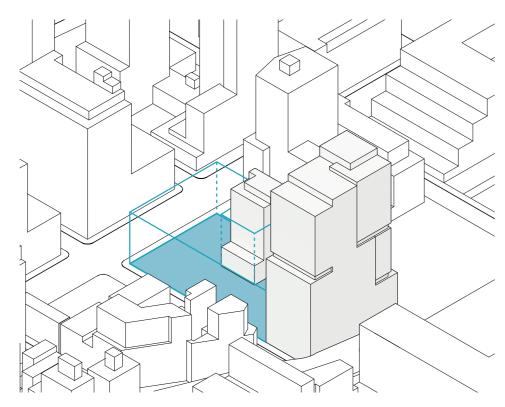
Air Rights

13.0 TOTAL FAR 9.0 TOTAL FAR

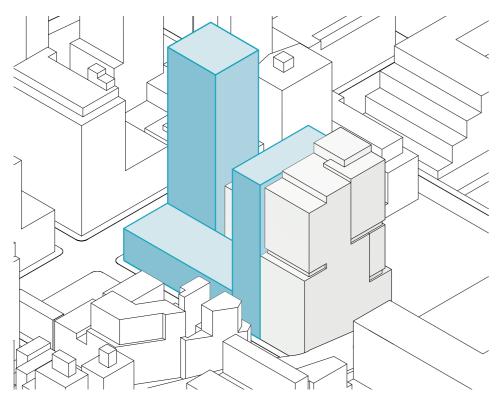


16.0 TOTAL FAR for whole complex

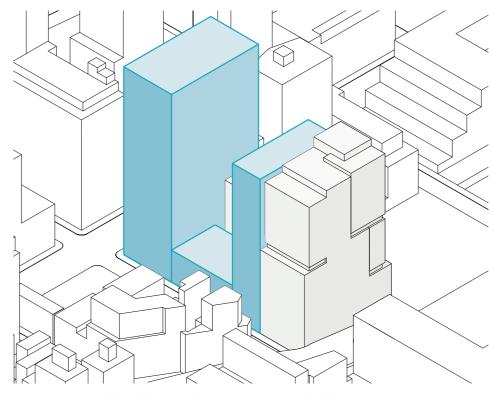
Main Urban Rules



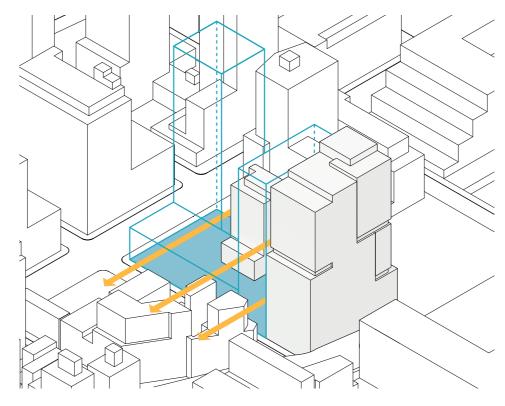
Build to Plot Line (70% of Plot Boundary Street Frontage)



Raking of Buildings to Facilitate Light to Centre of the Development

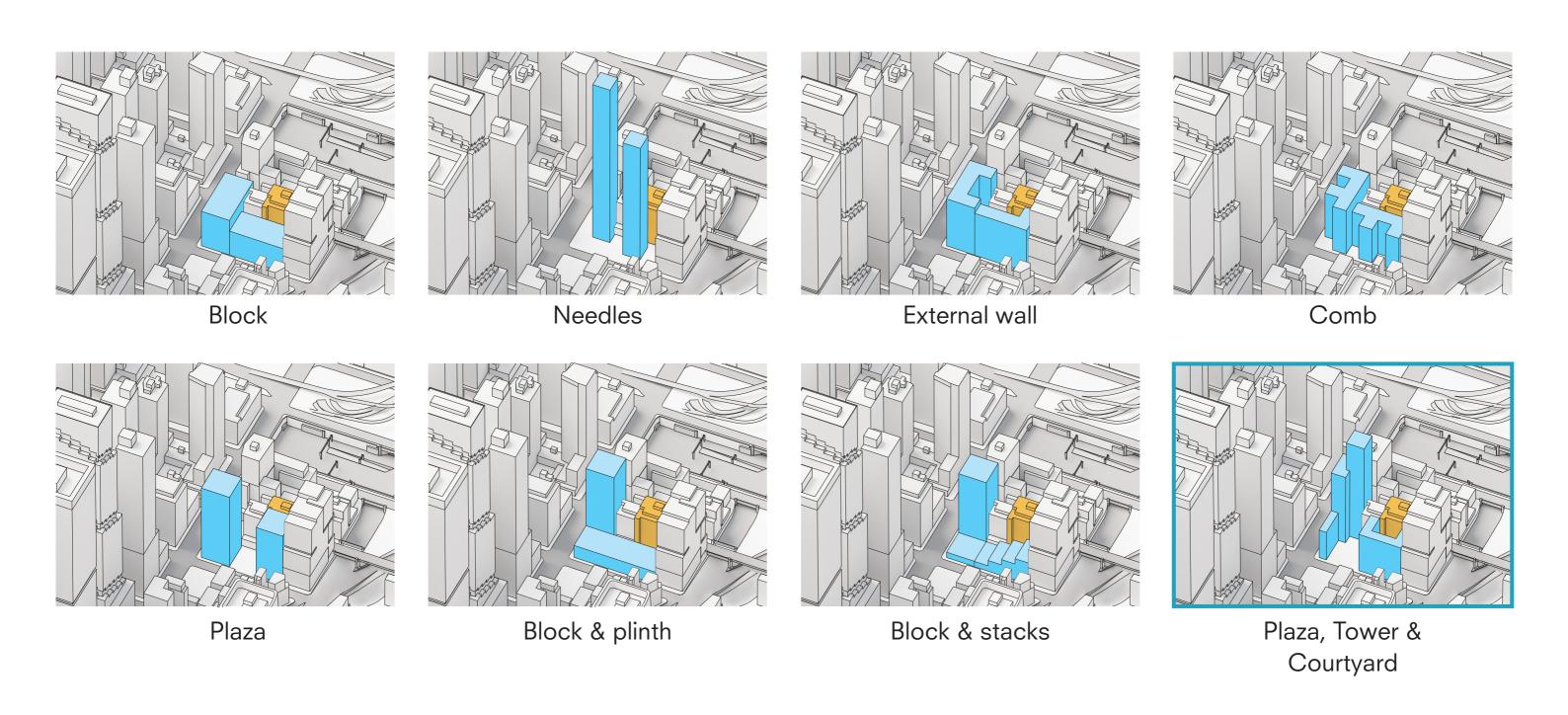


High at Avenue & Adjacent Building, Low Towards Street



Porosity Through the Plot

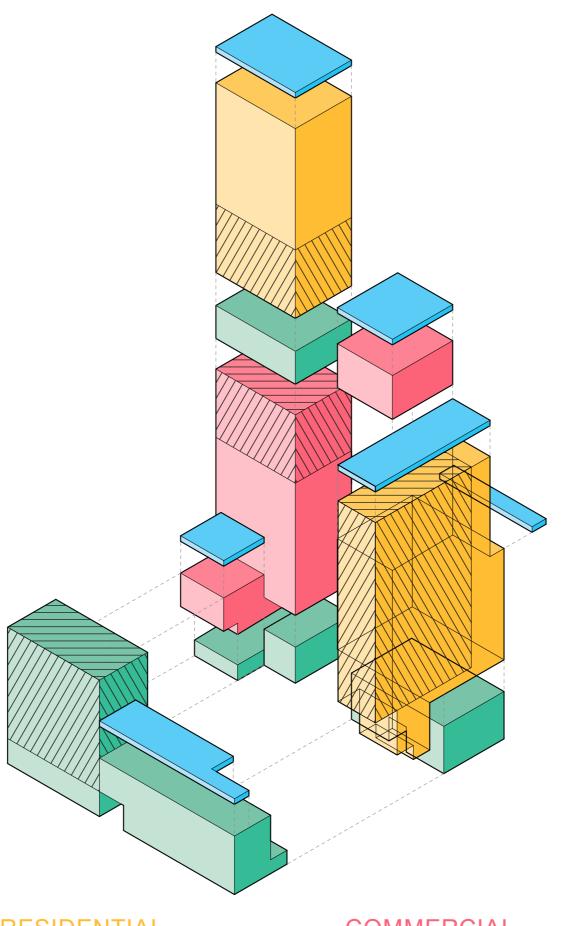
Massing Studies



Program of an Instance

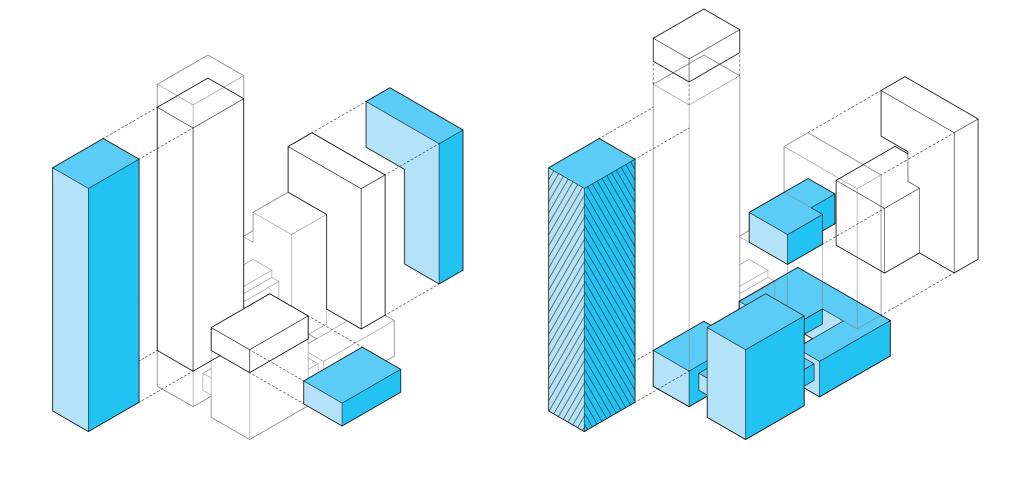


Function Axonometric



COMMUNITY RESIDENTIAL COMMERCIAL OUTDOOR

Interaction



Public / Private

Flexible Aspects

Architectural Goals

To design a development based upon **flucuating programmatic demands and needs** so that the architecture can support a variety of functions.

To set a design precedent for a type of project that is so far undeveloped & underexplored, but is ugently needed within the rapidly evolving city.

Overall Ambitions



Contribute Towards
Improving the Quality of the
Public Realm in the City



Create an Open and Inclusive Environment that Fosters Dialogue



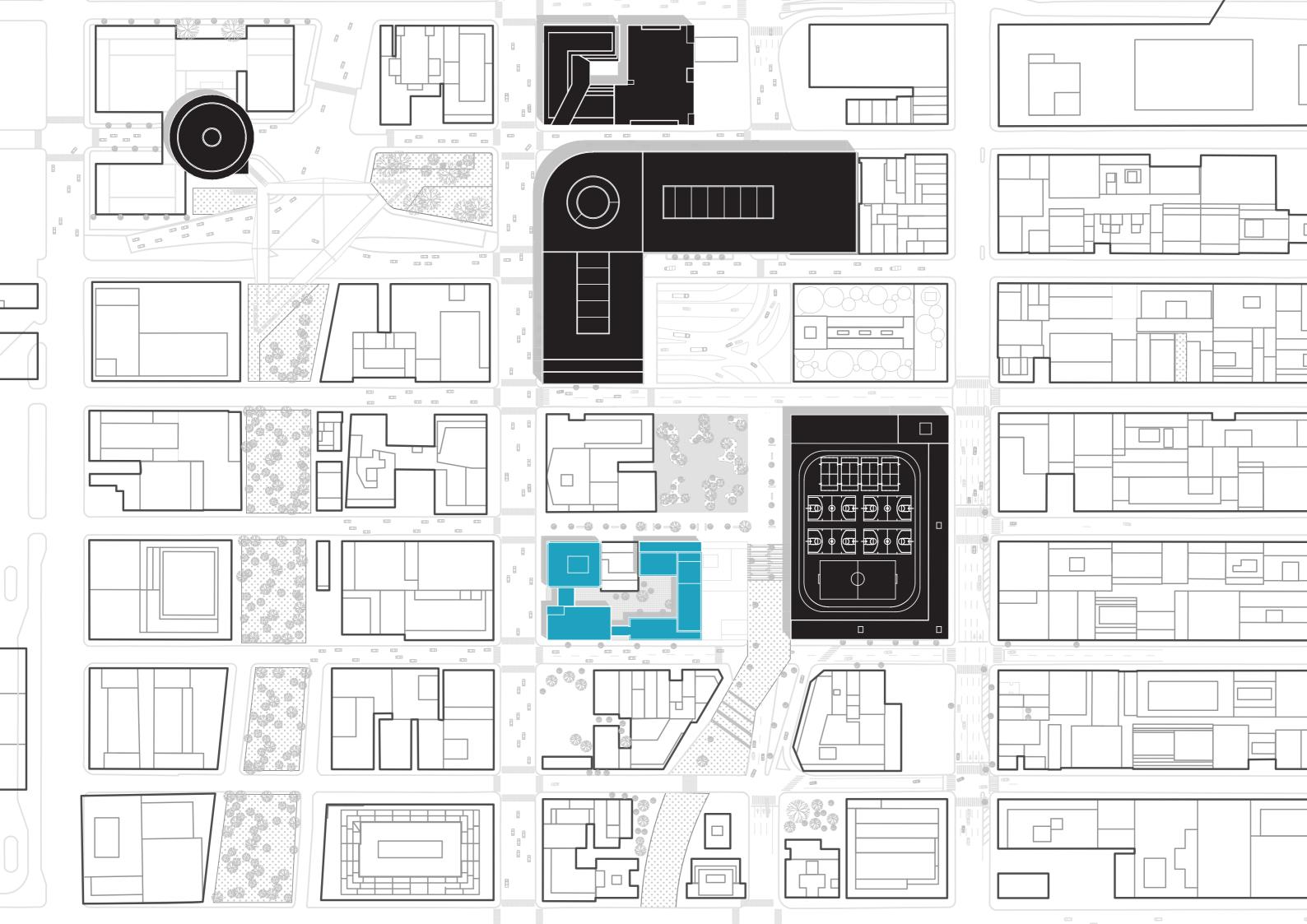
Ability to React to Market Changes

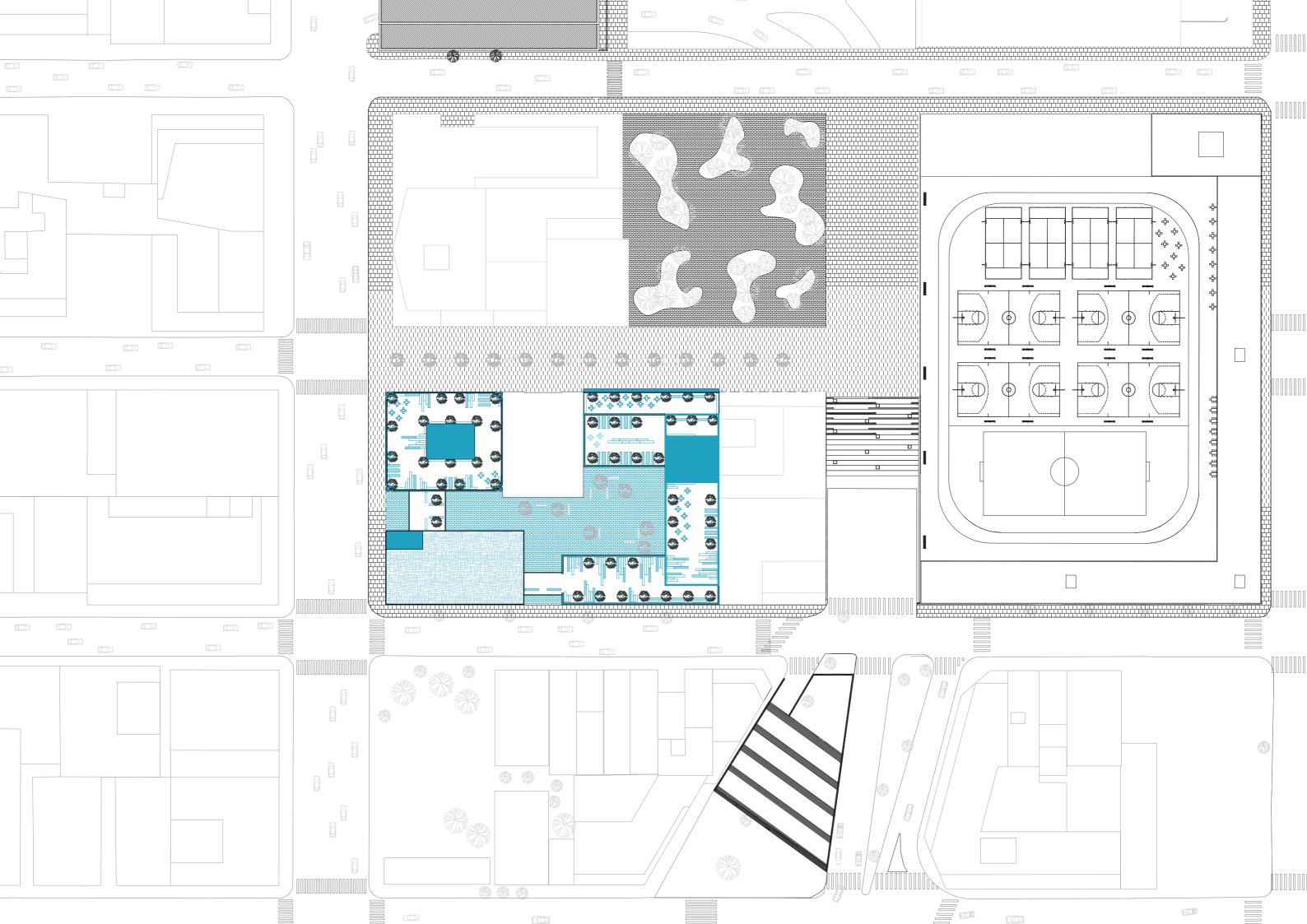


Standardised Elements to Allow for User Flexibility

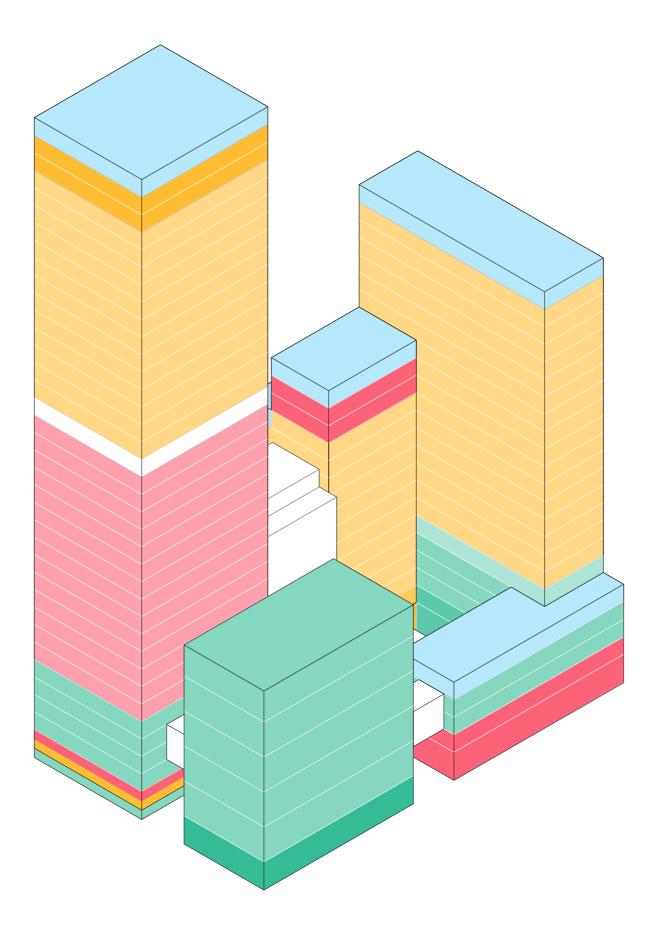
IMPLEMENTATION



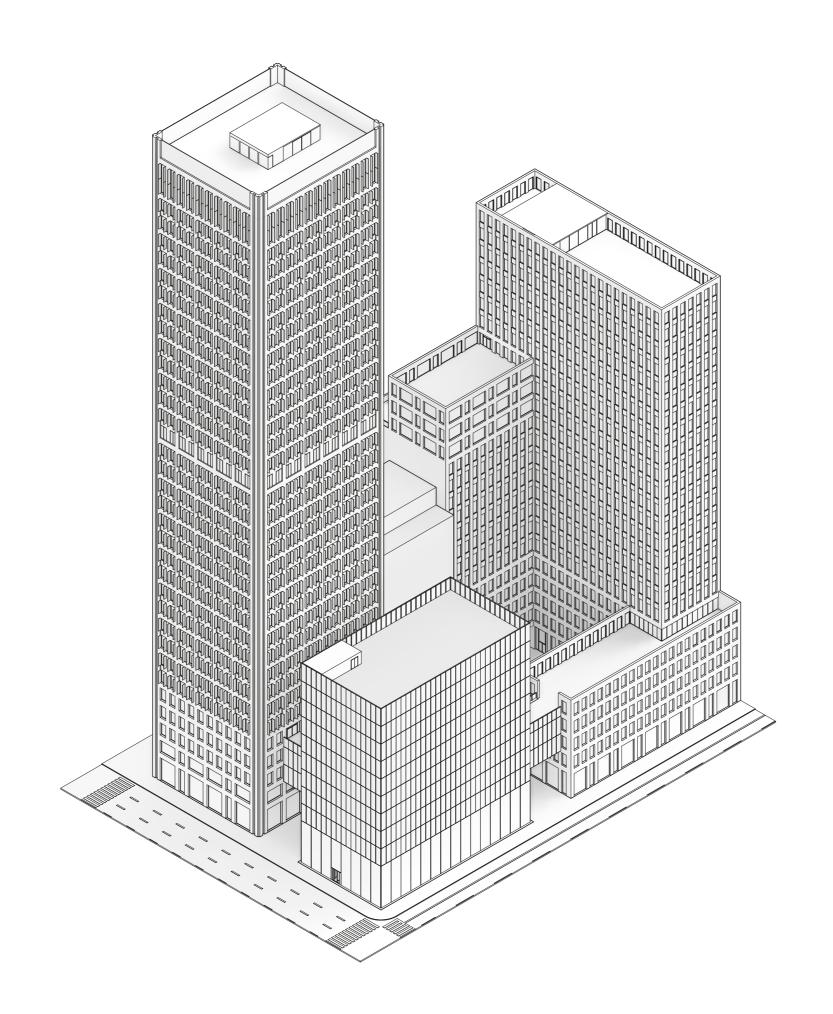


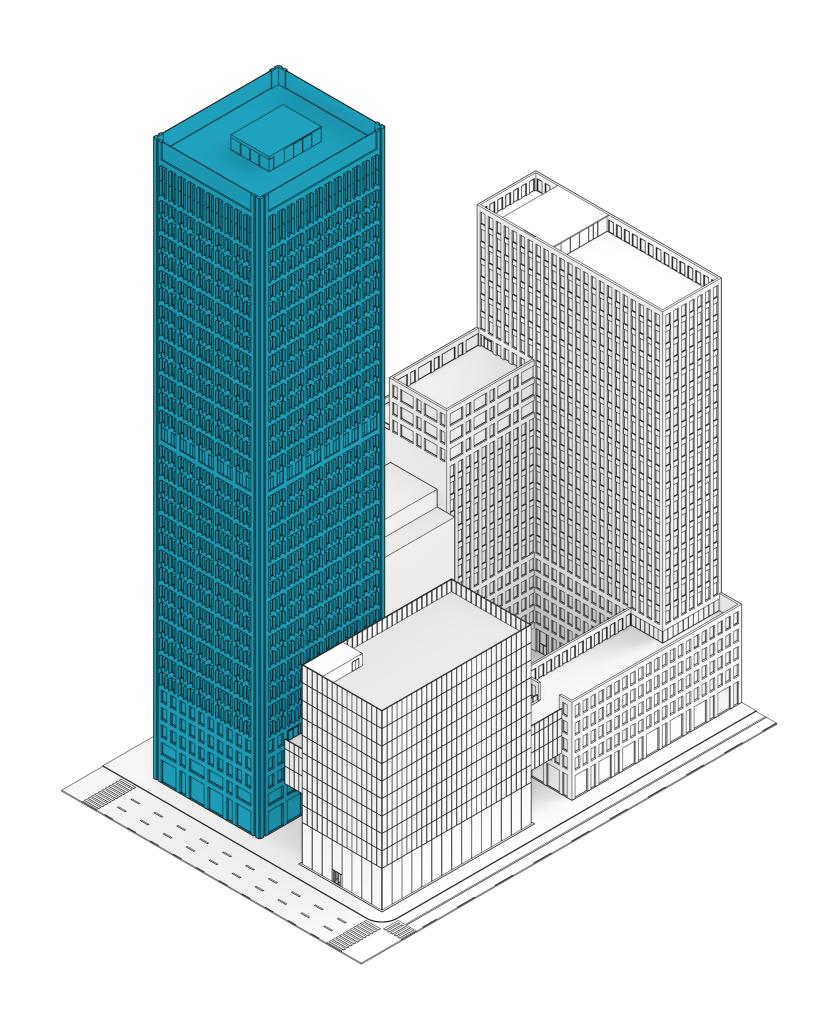


Potential Programmatic Split

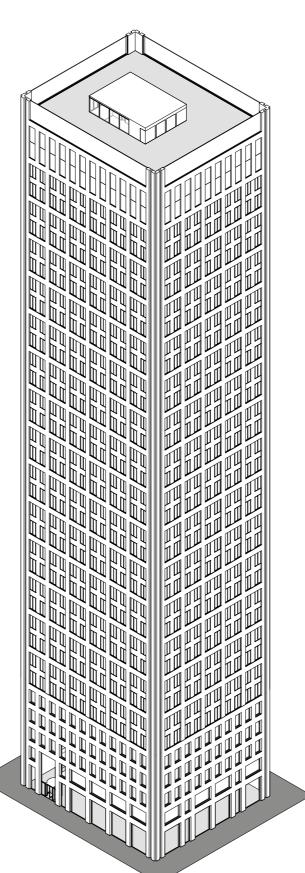


COMMUNITY RESIDENTIAL COMMERCIAL OUTDOOR

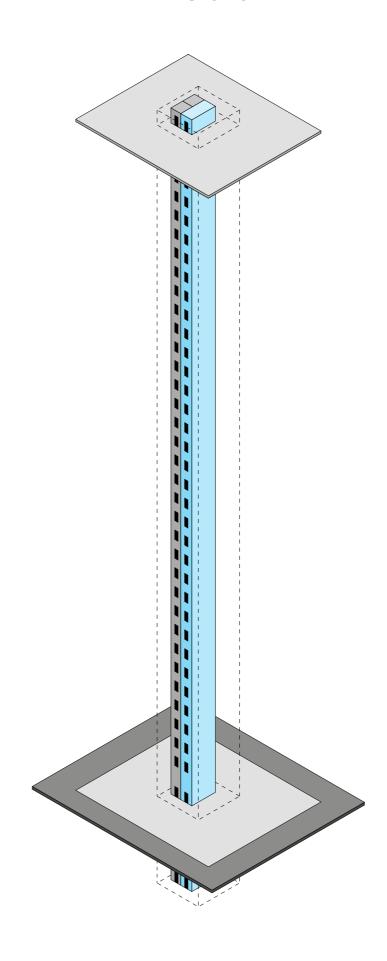




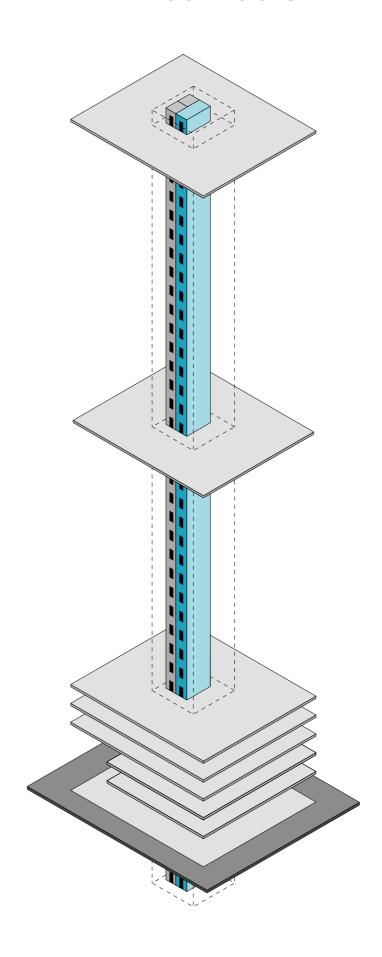
Emptied Building - Facade



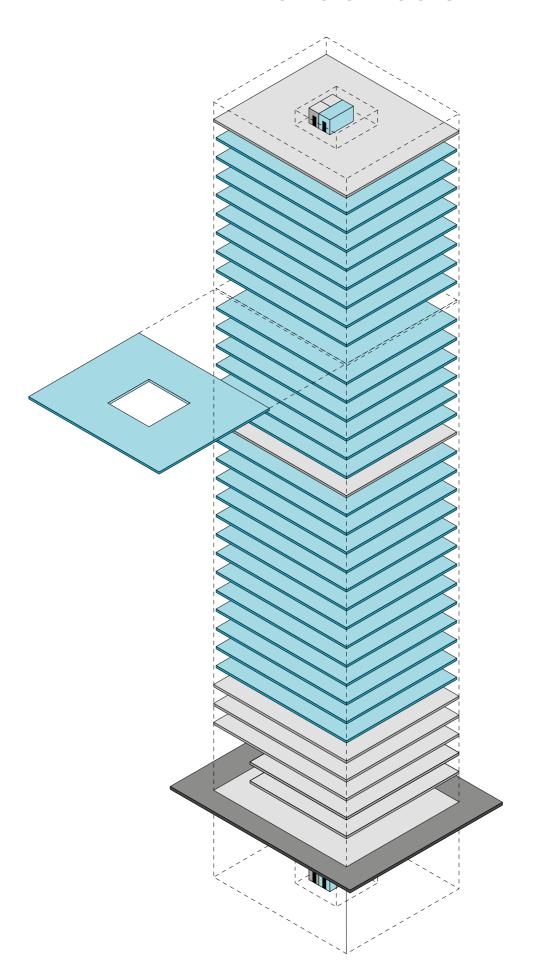
Core



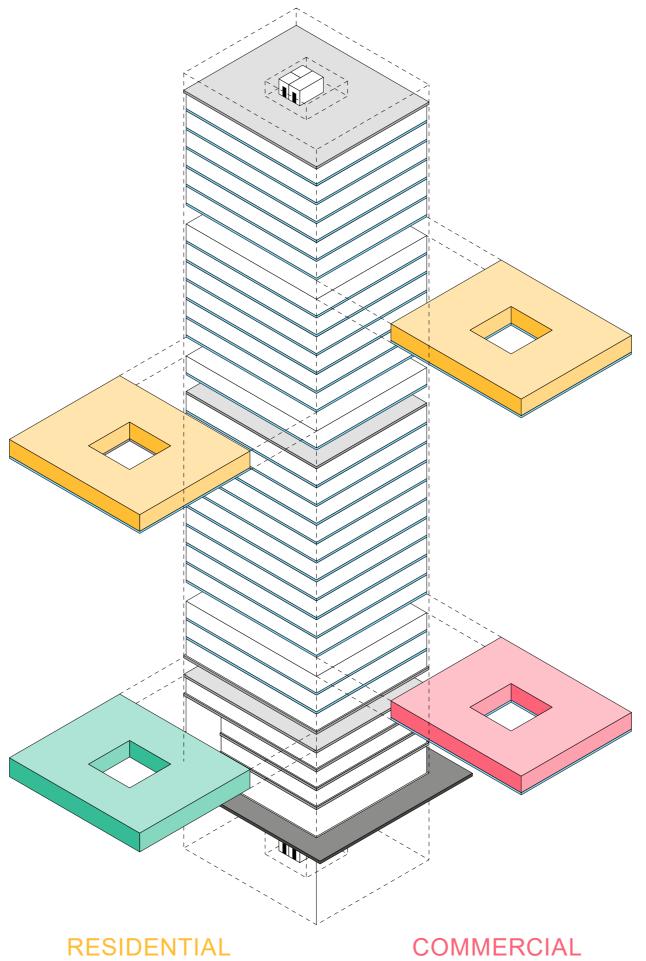
Fixed Floors



Flexible Floors

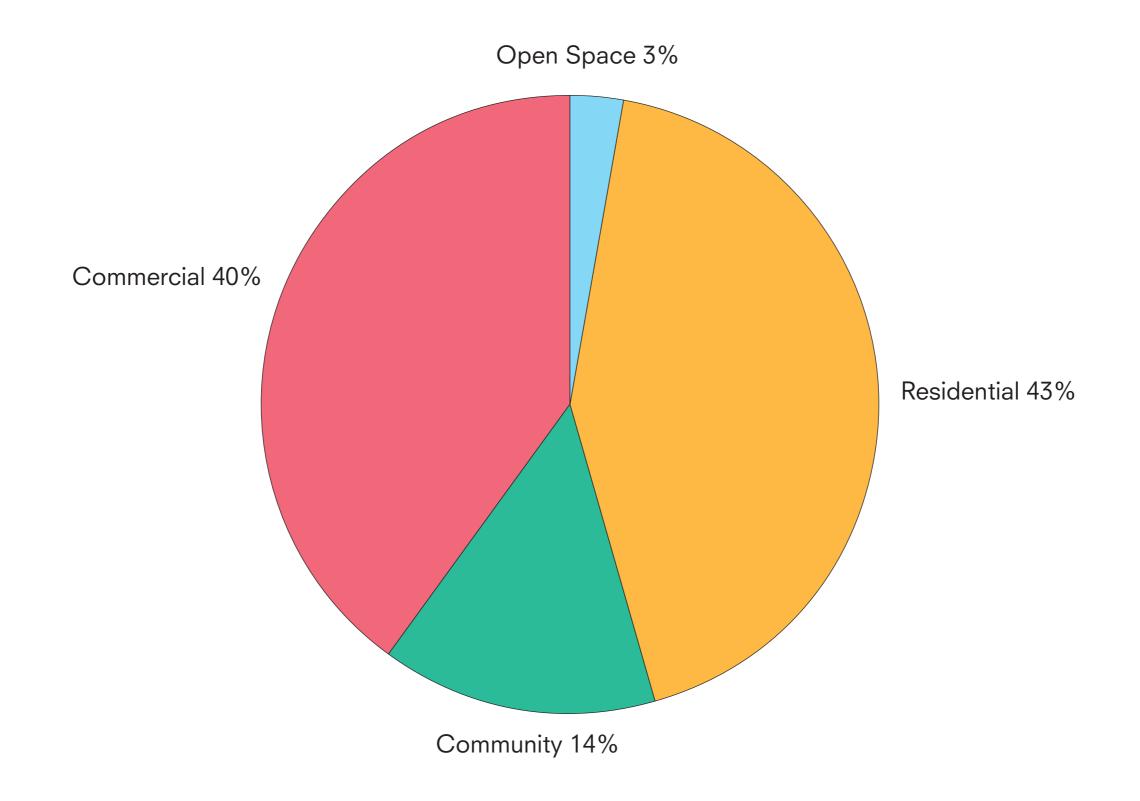


Interchangable Floor Plates

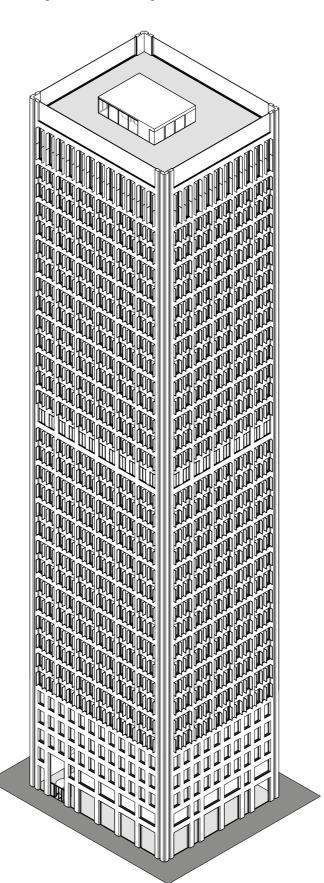


COMMUNITY OUTDOOR

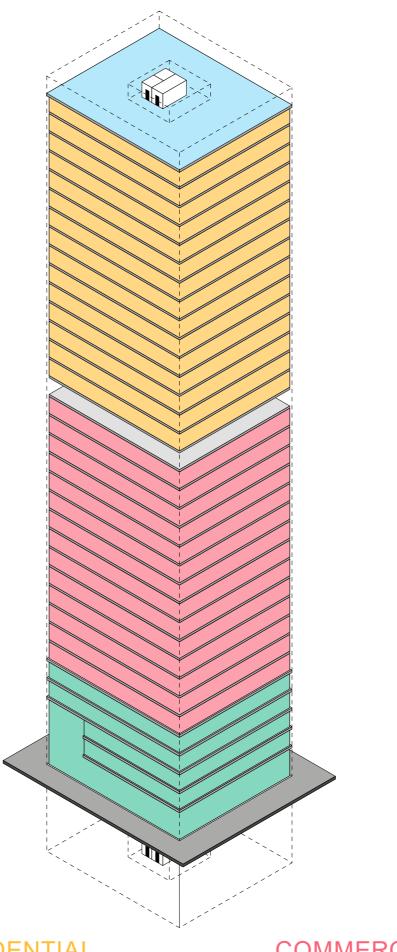
Requirements during times of prosperity



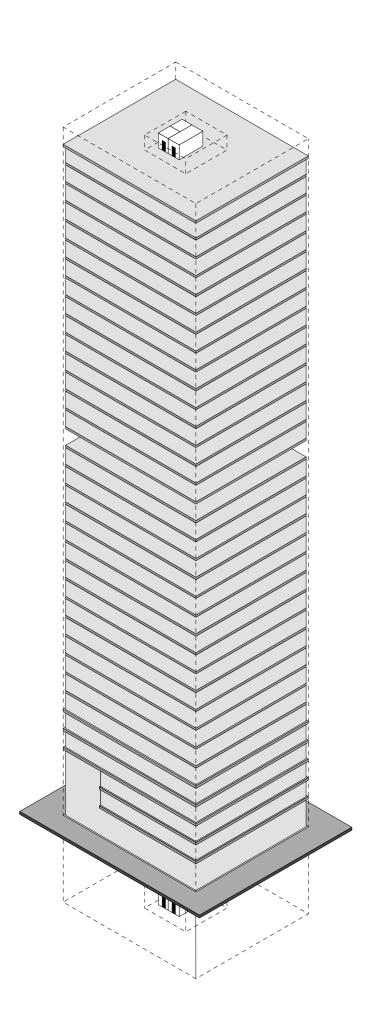
Fully Occupied - Facade

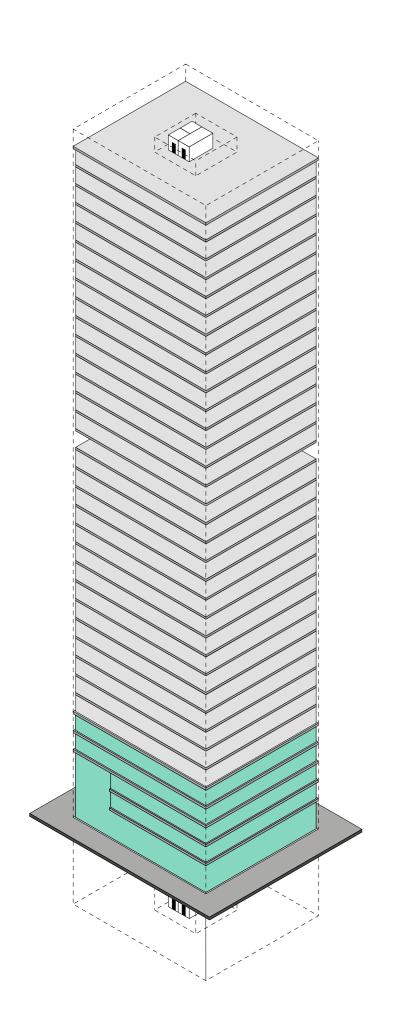


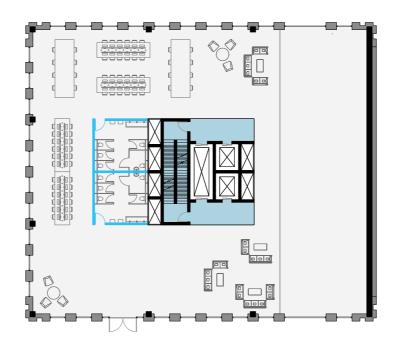
Fully Occupied - Program

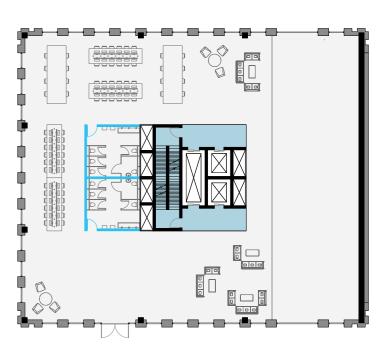


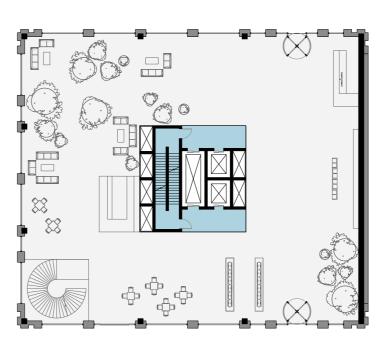
COMMUNITY RESIDENTIAL COMMERCIAL OUTDOOR



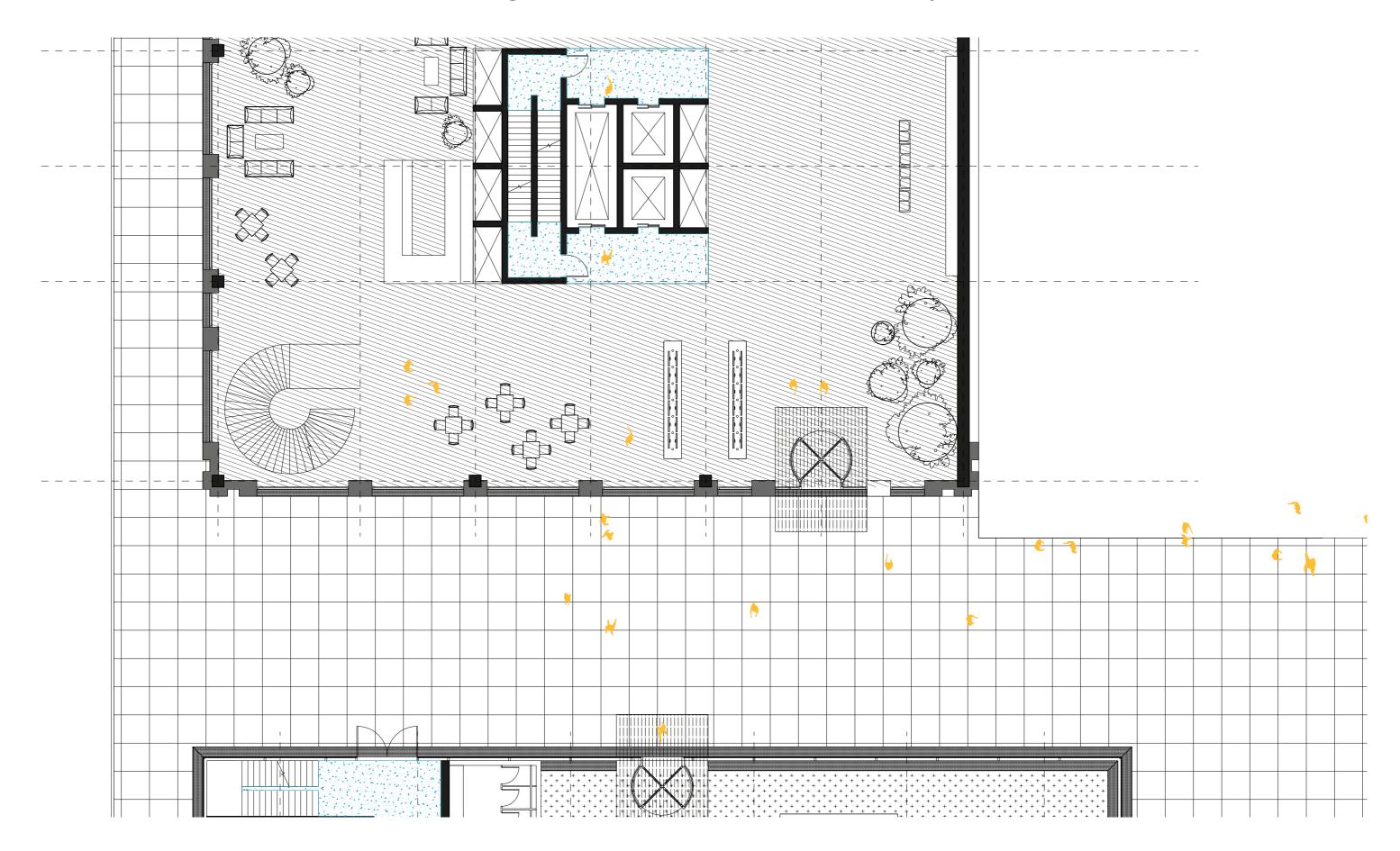




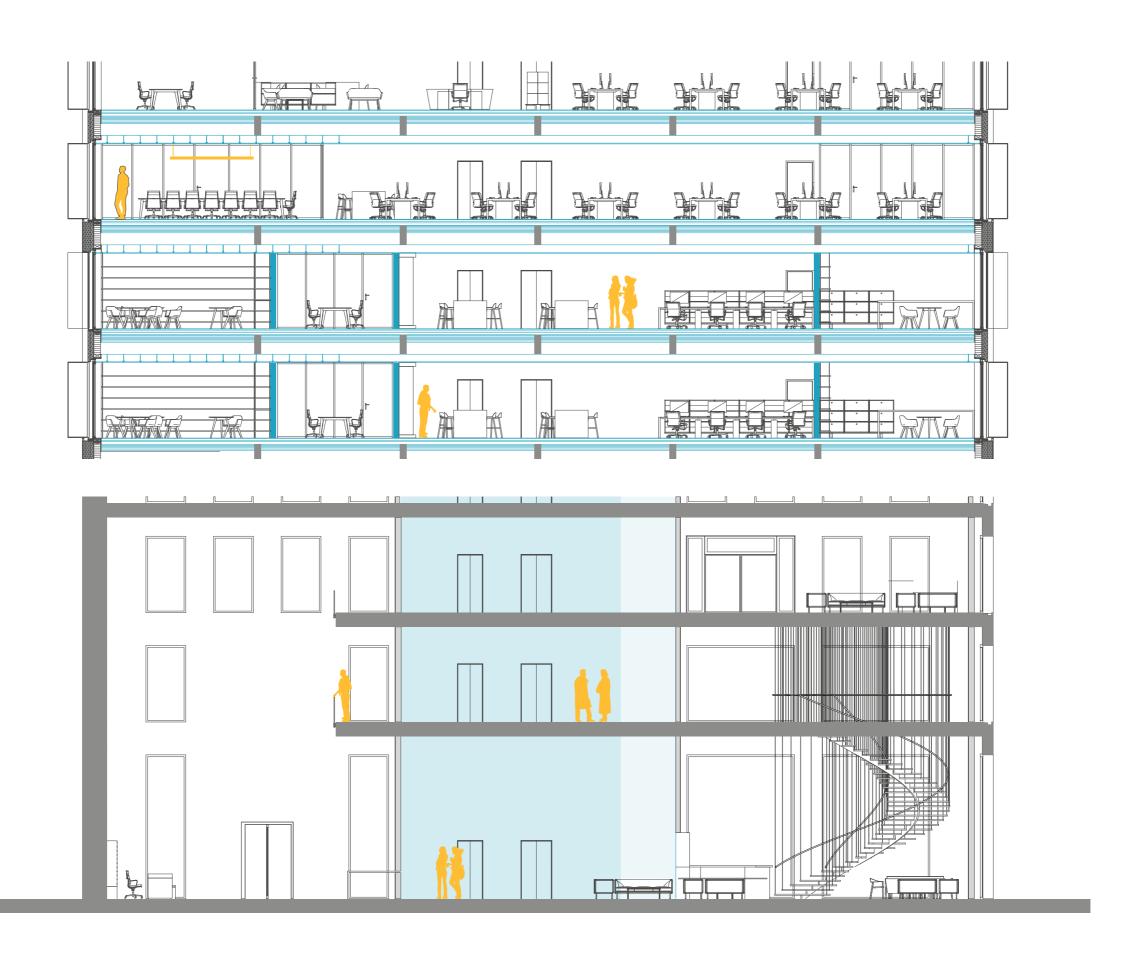




Fragment Plan - Ground Floor Lobby

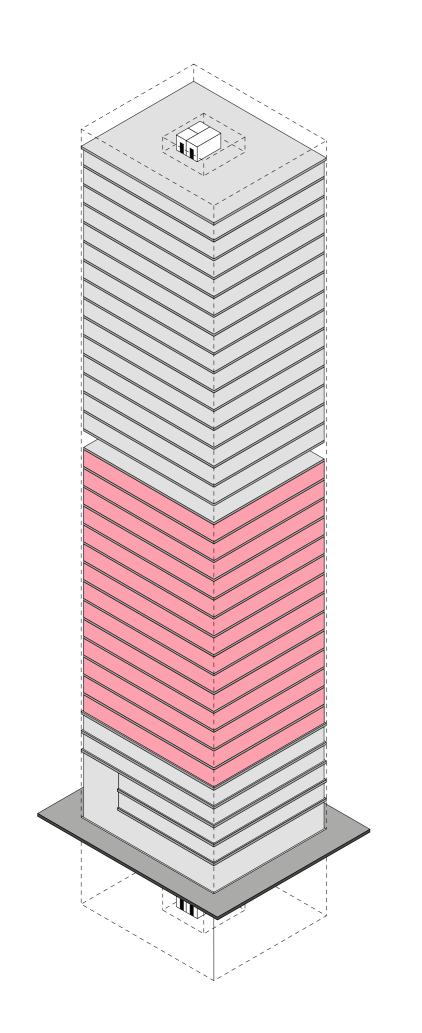


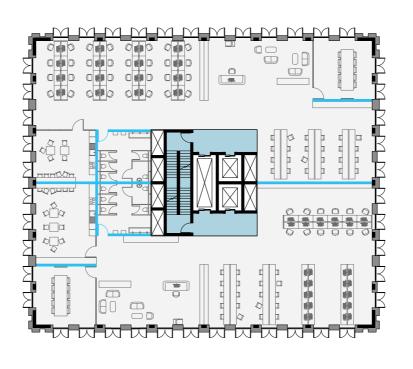
Fragment Section

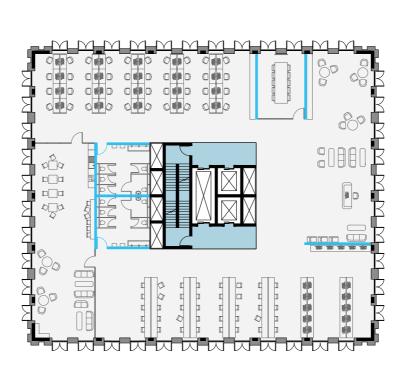


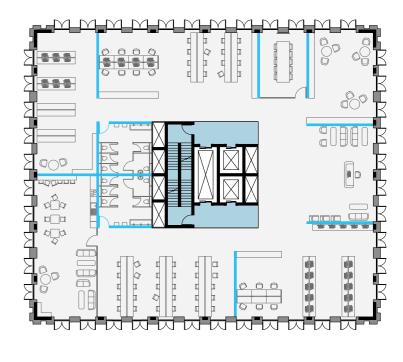


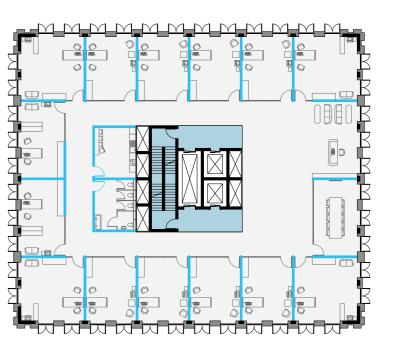


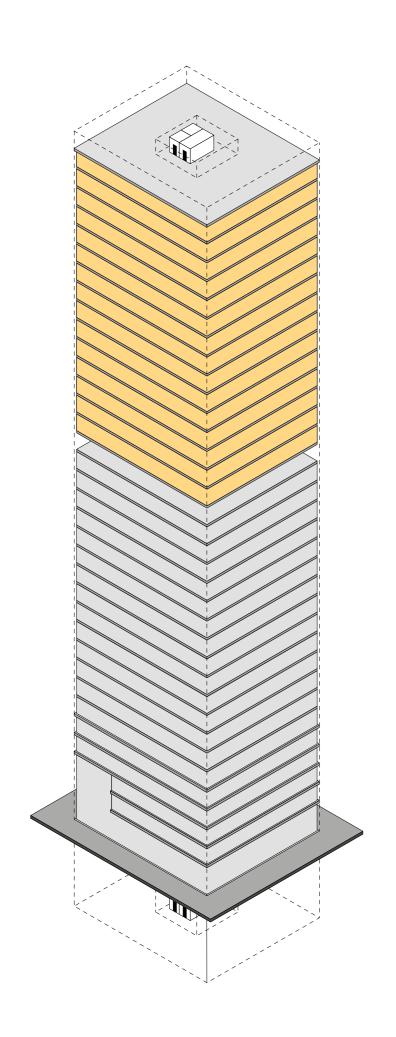


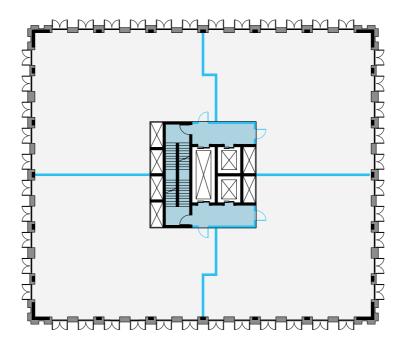


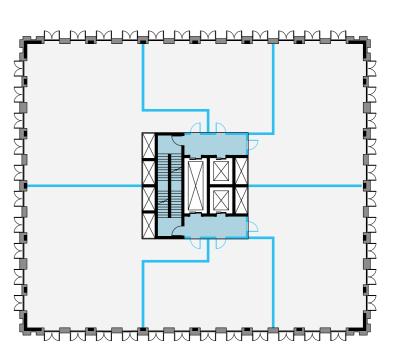


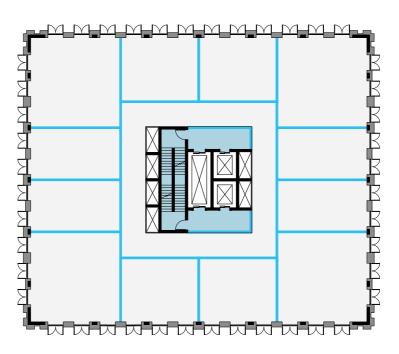




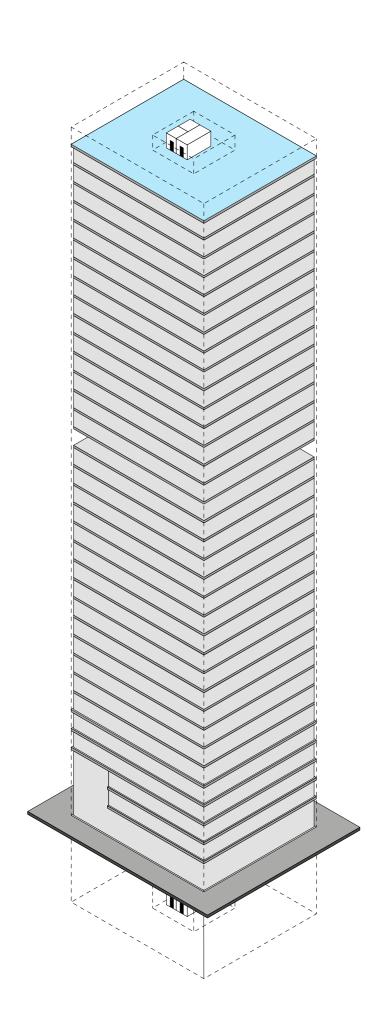


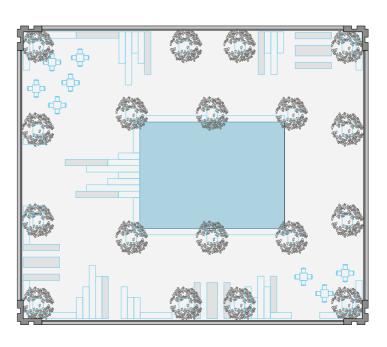






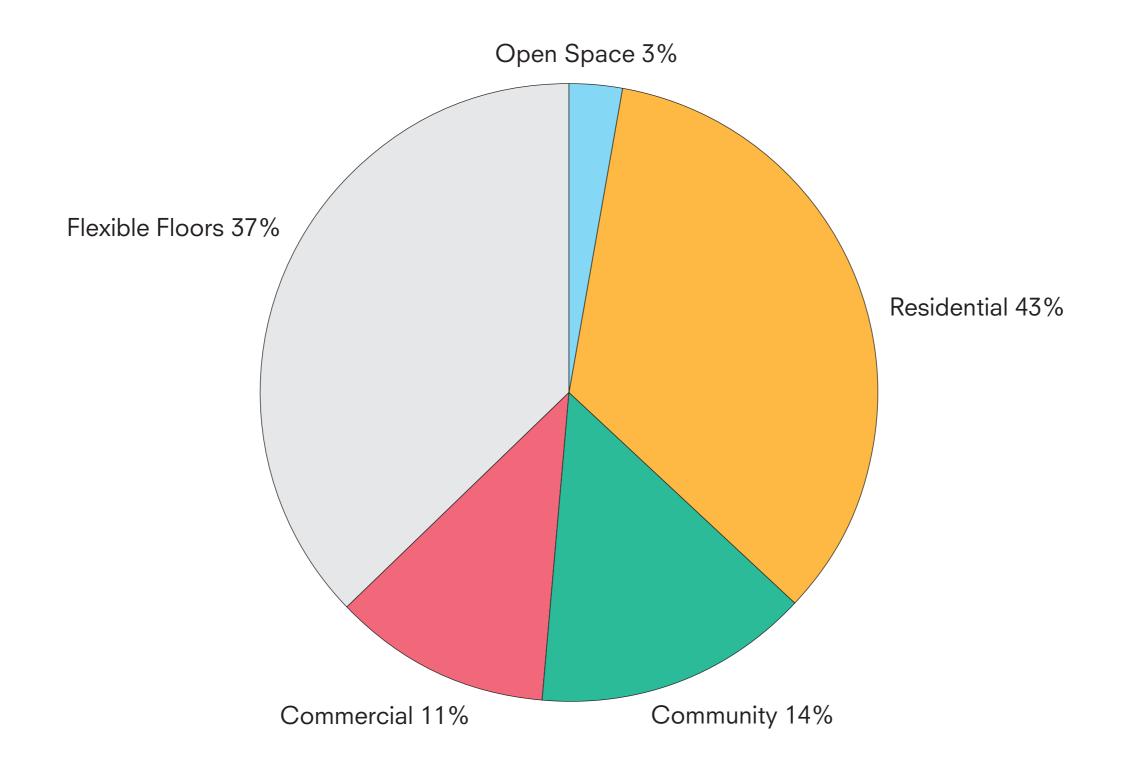




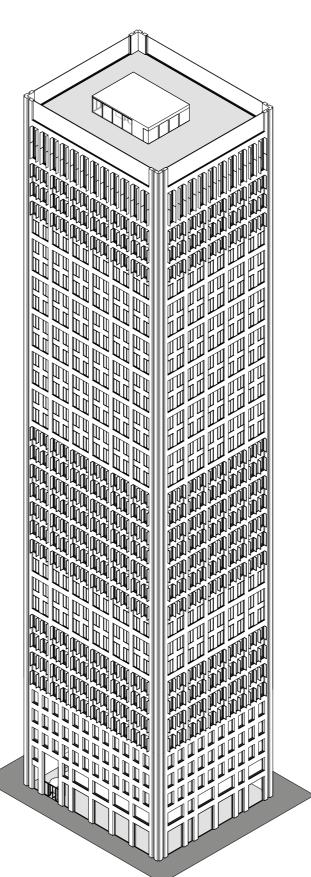




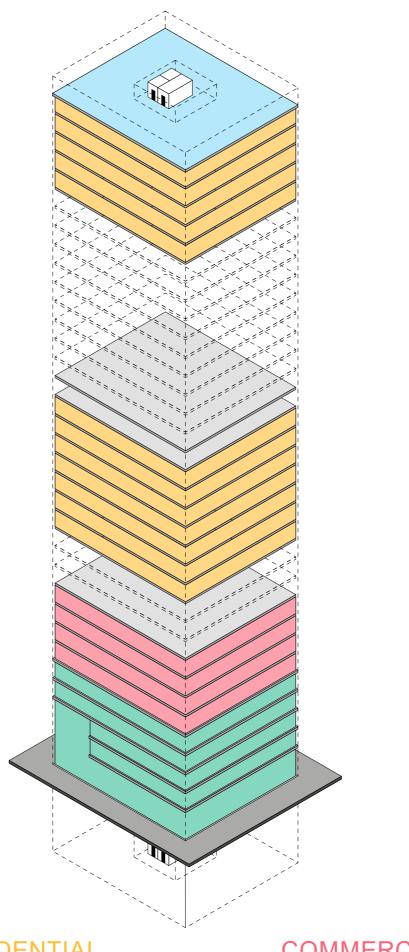
Requirements During Times of Crisis



Crisis Occupants - Facade

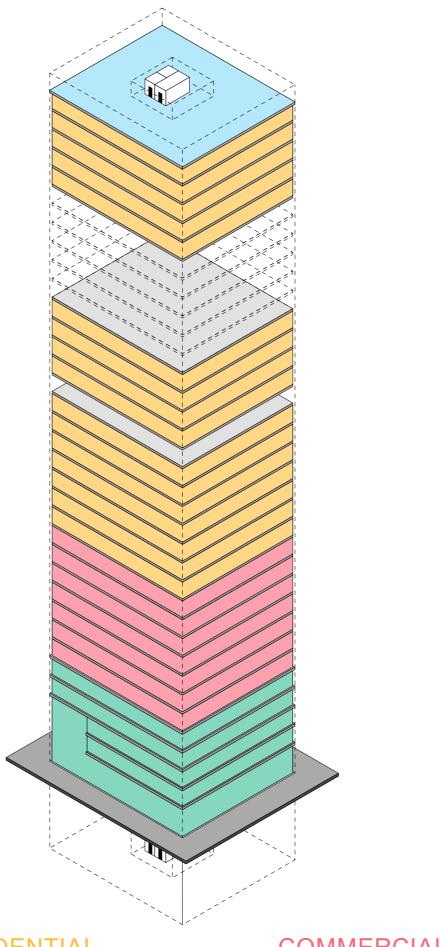


Crisis Occupants - Program

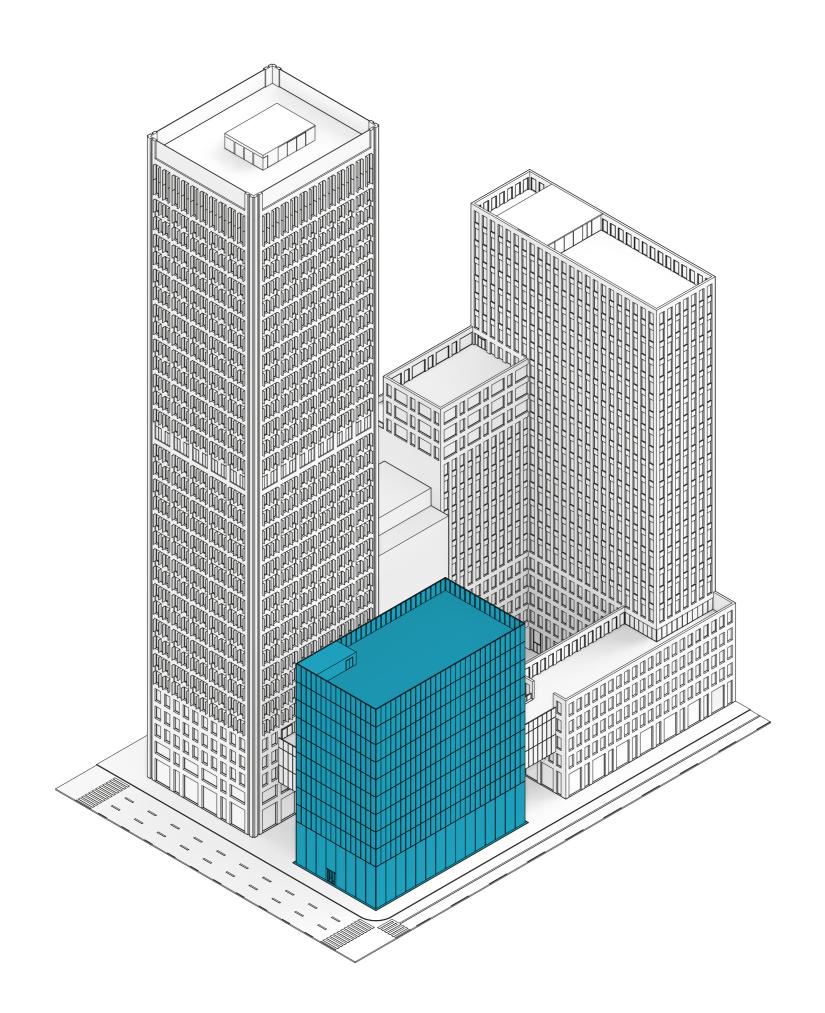


COMMUNITY RESIDENTIAL COMMERCIAL OUTDOOR

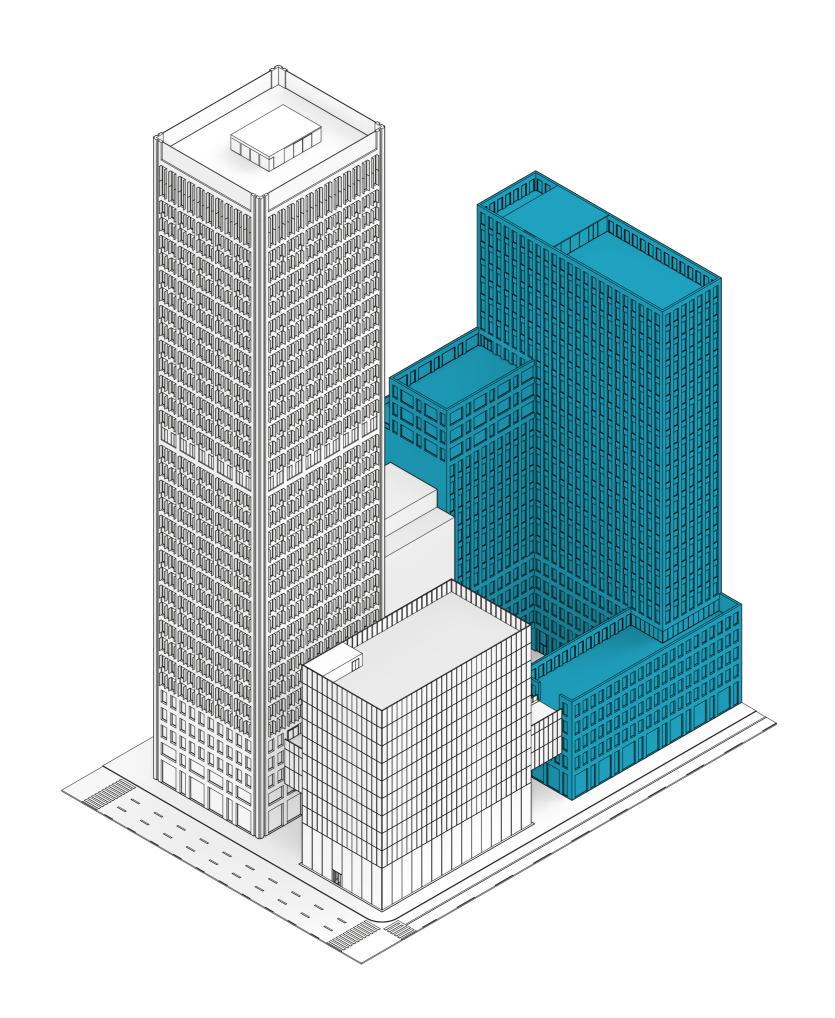
The Ability to Expand to Demands

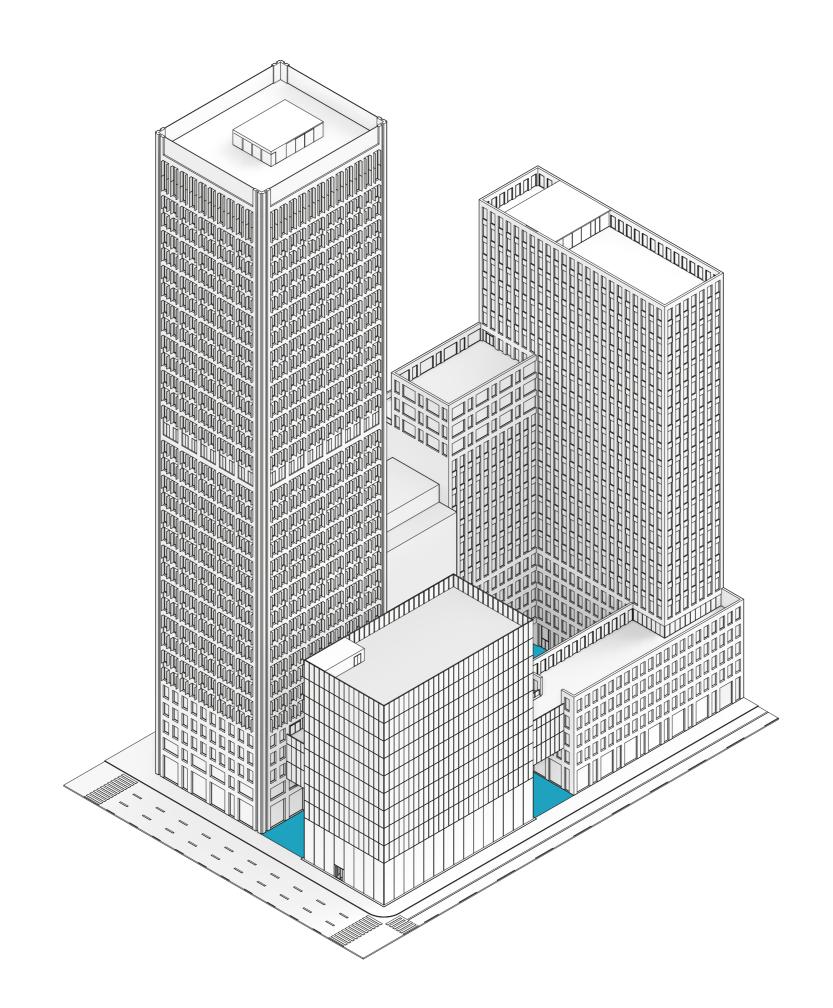


COMMUNITY RESIDENTIAL COMMERCIAL OUTDOOR



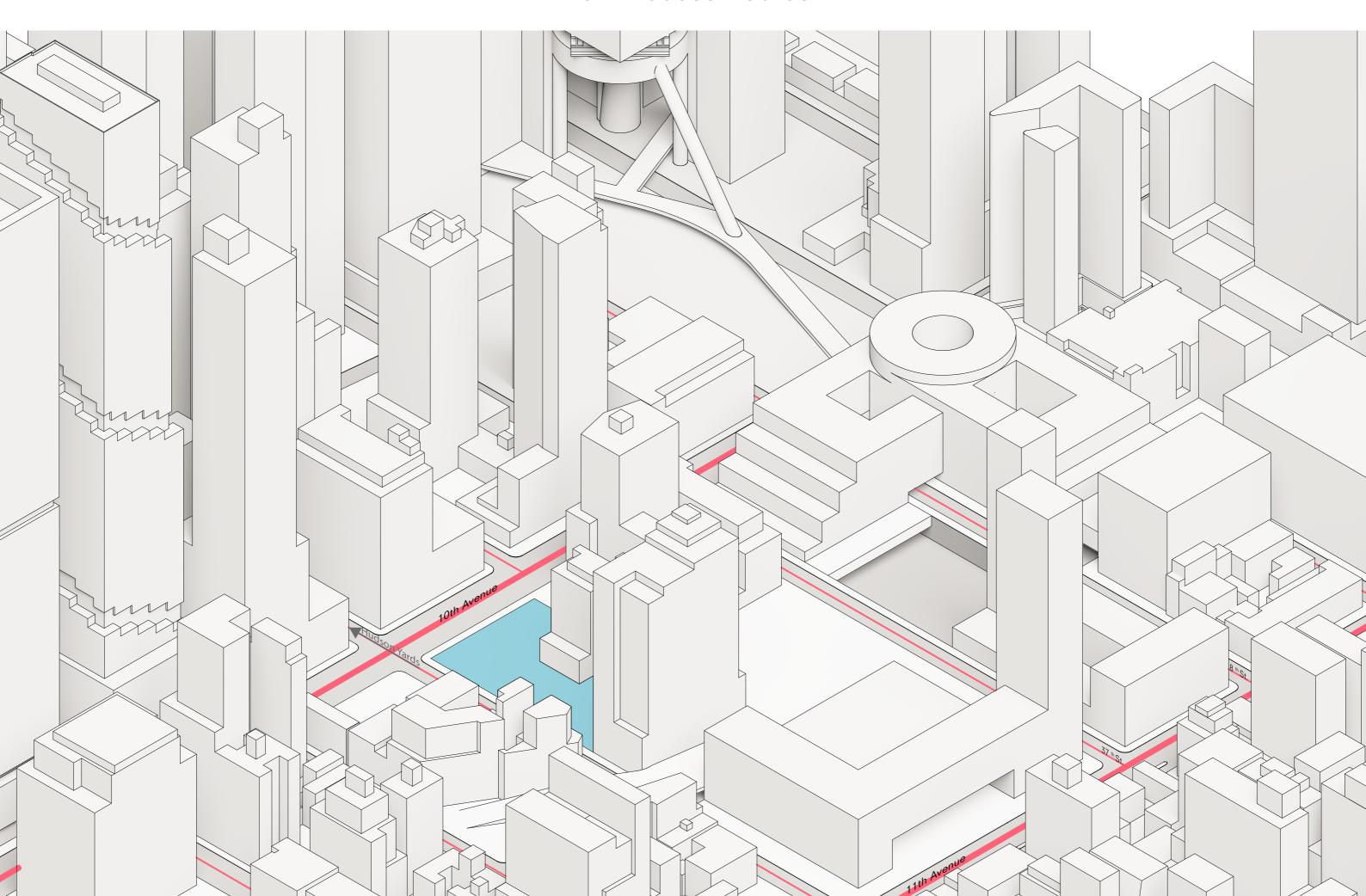




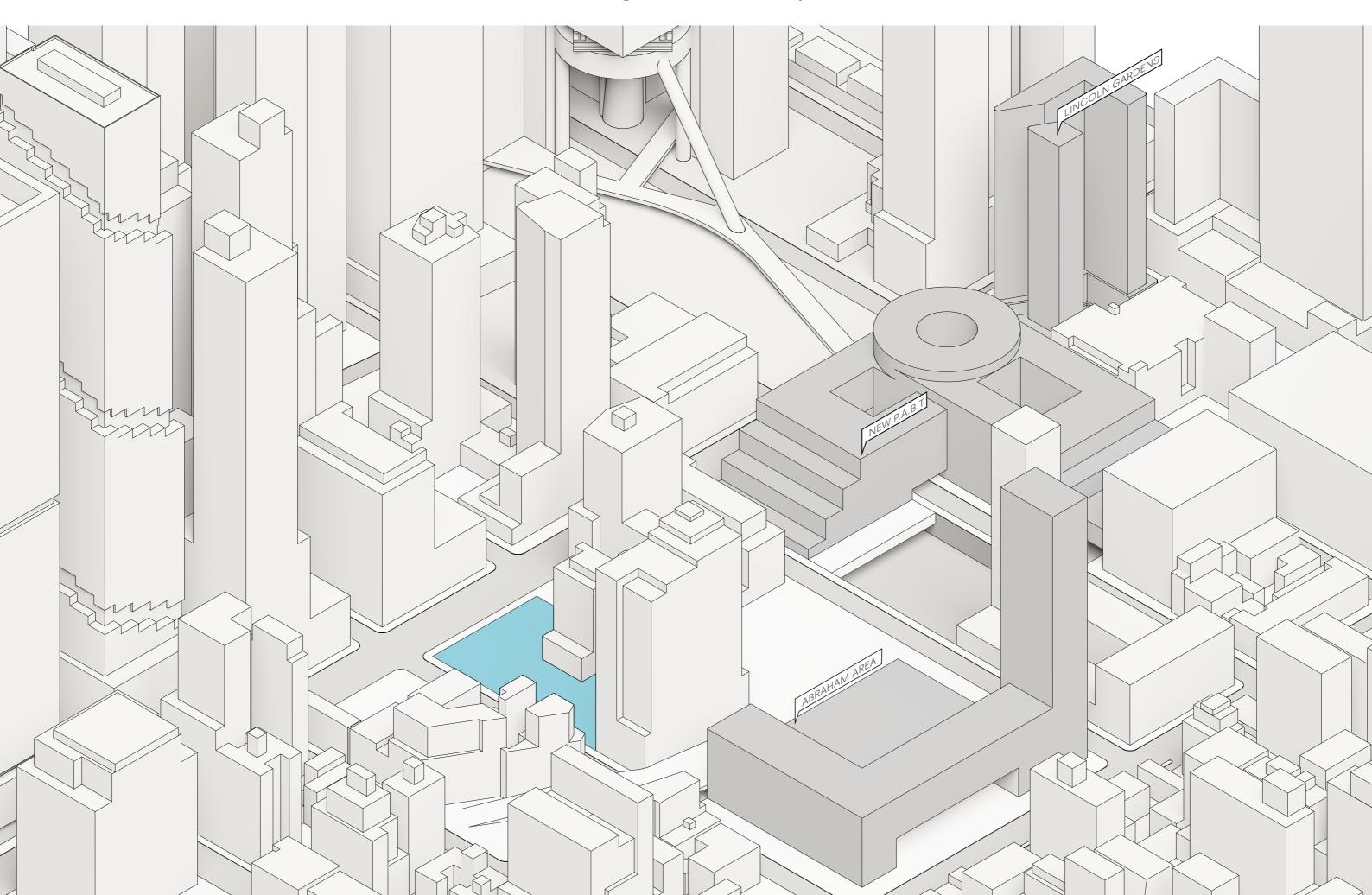


INTEGRATION

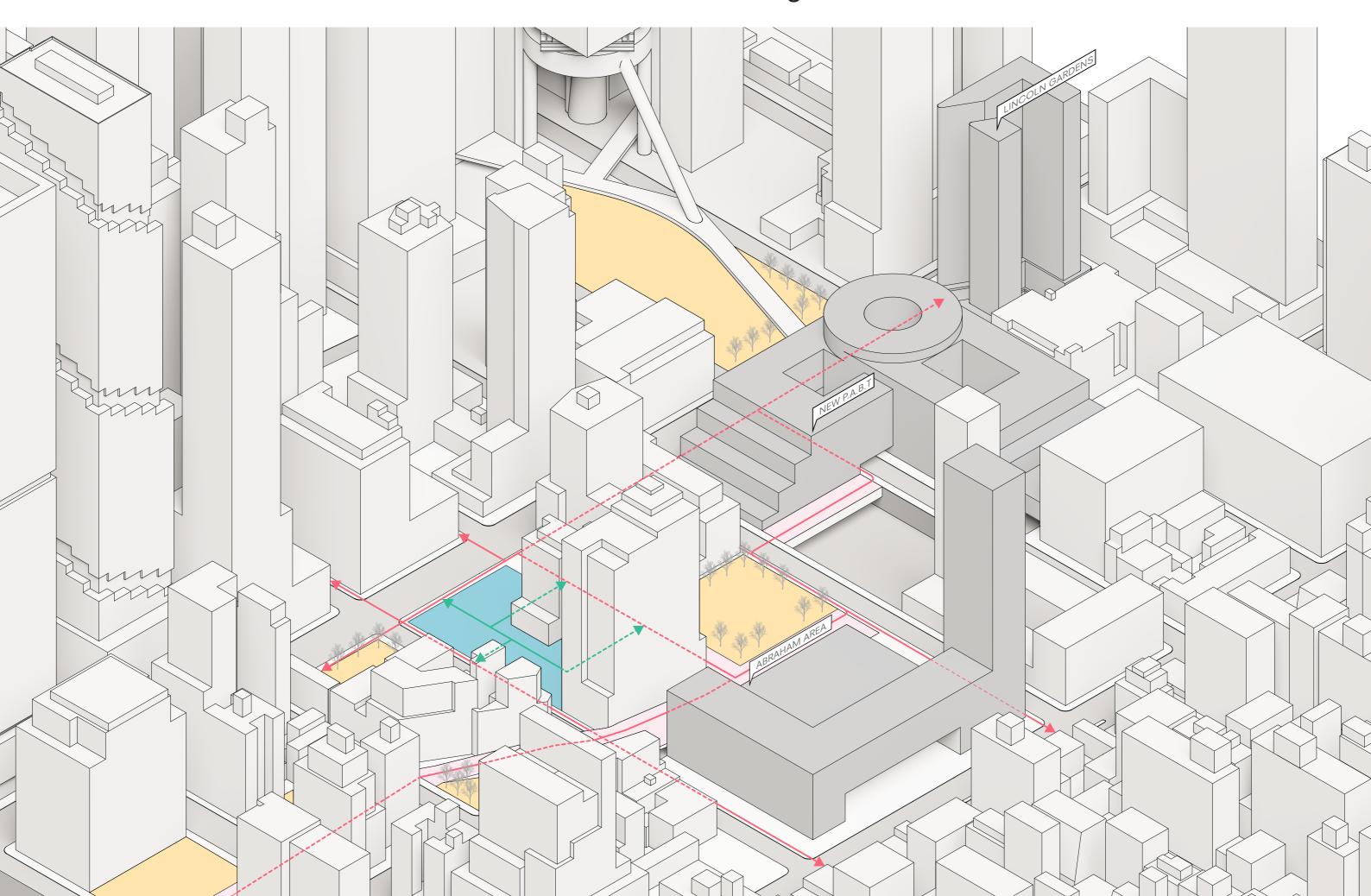
Main Access Routes



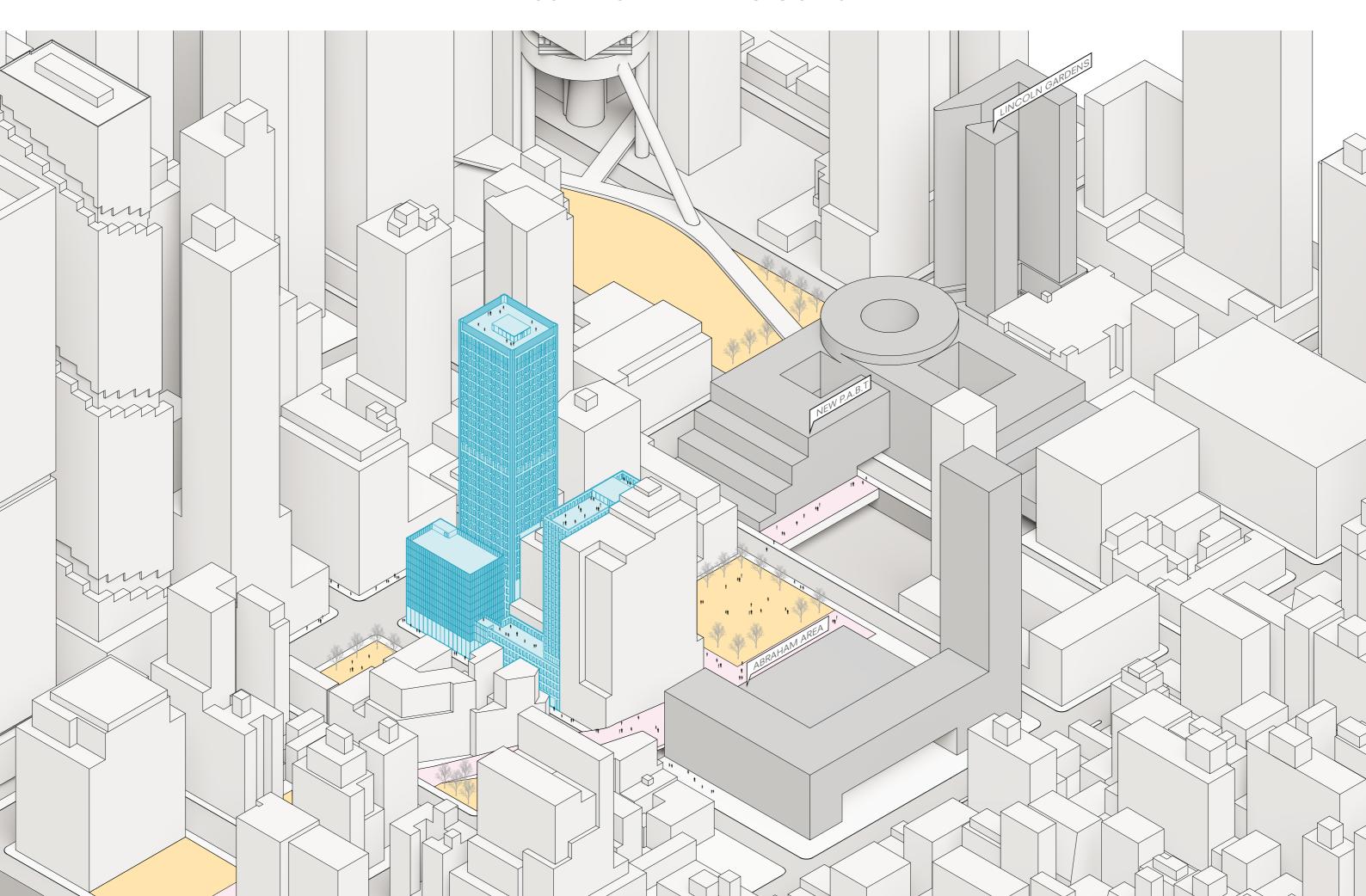
Surrounding New Developments

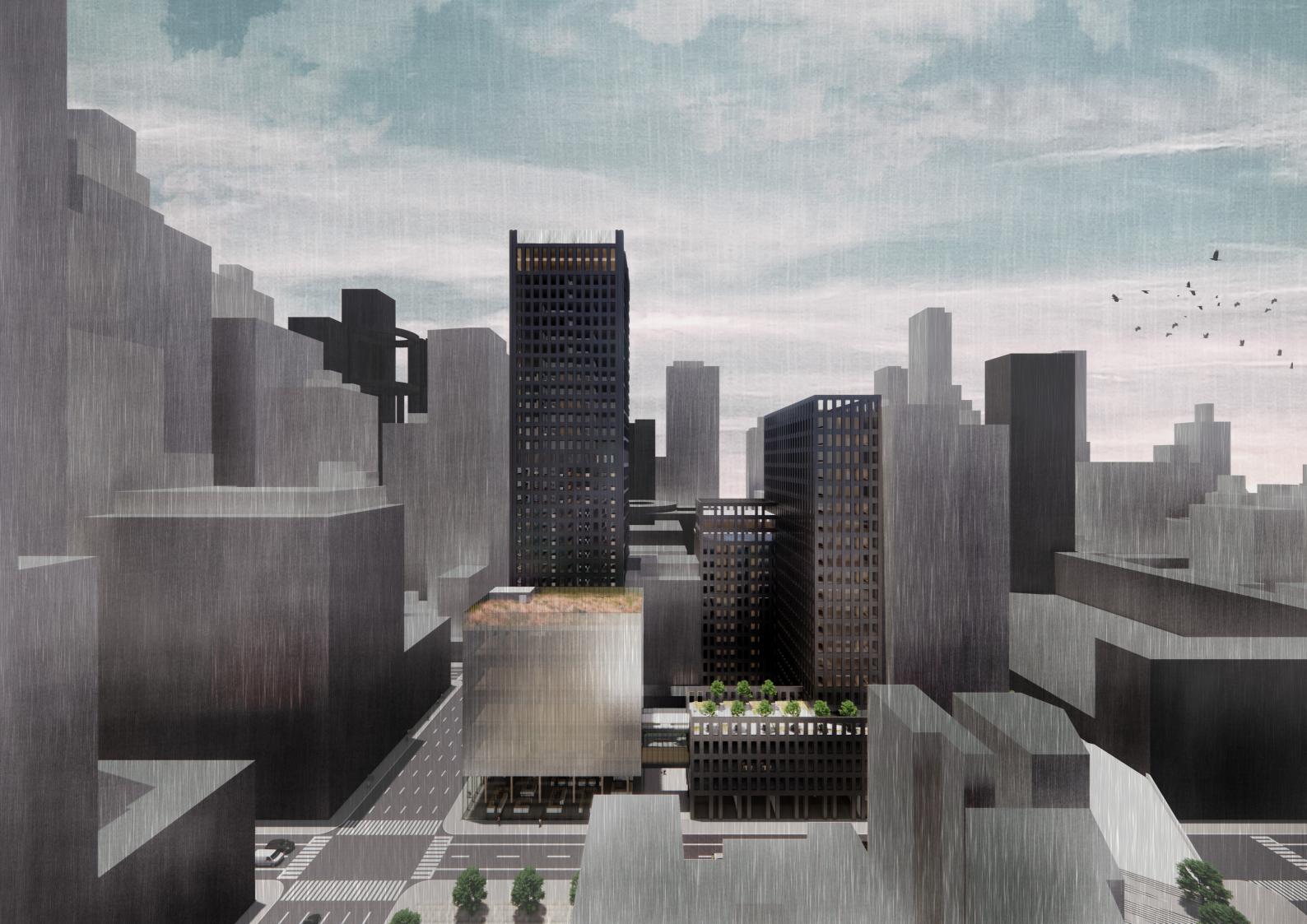


New Pedestrian Thoroughfares

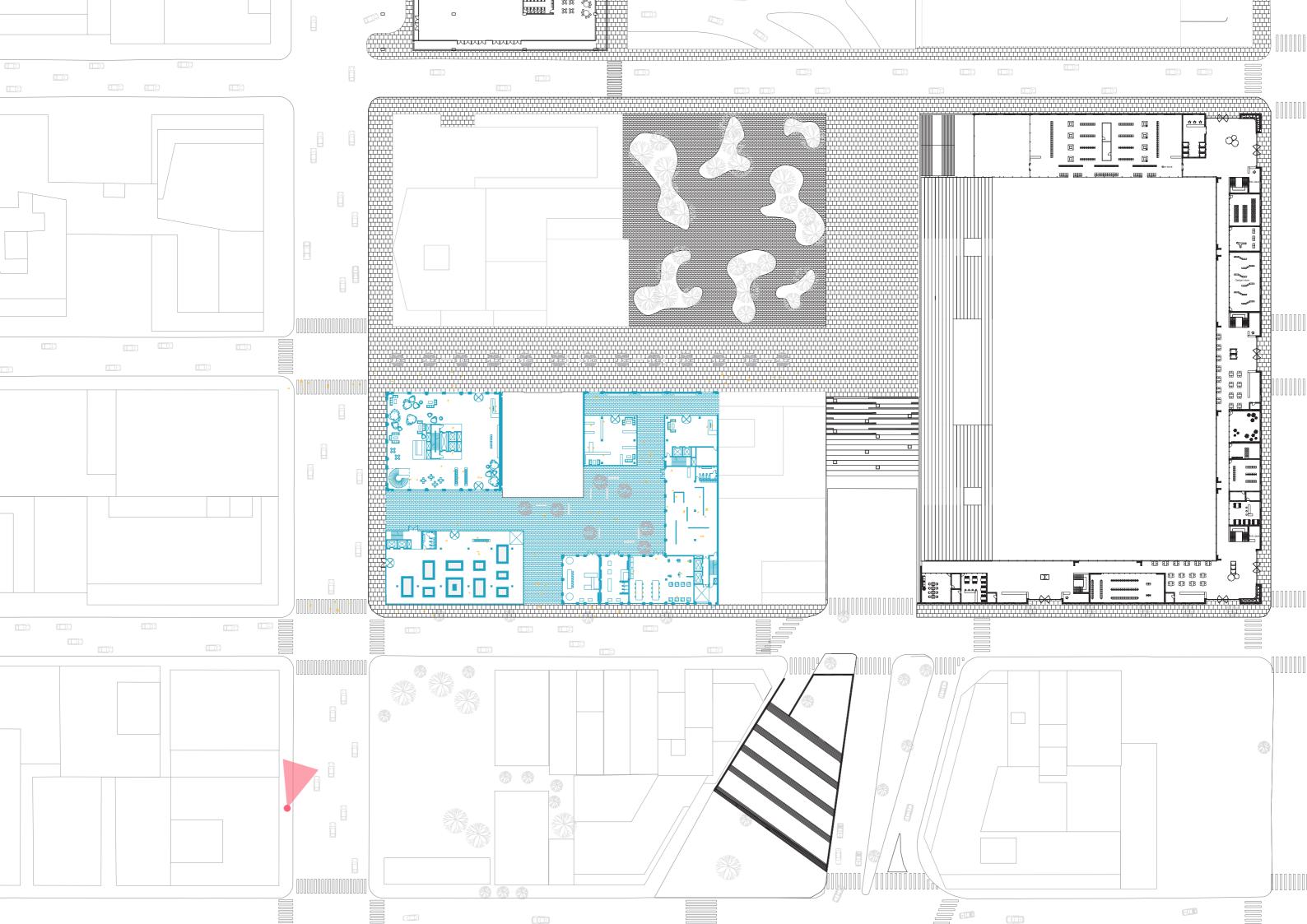


Lincoln Flex Within its Context





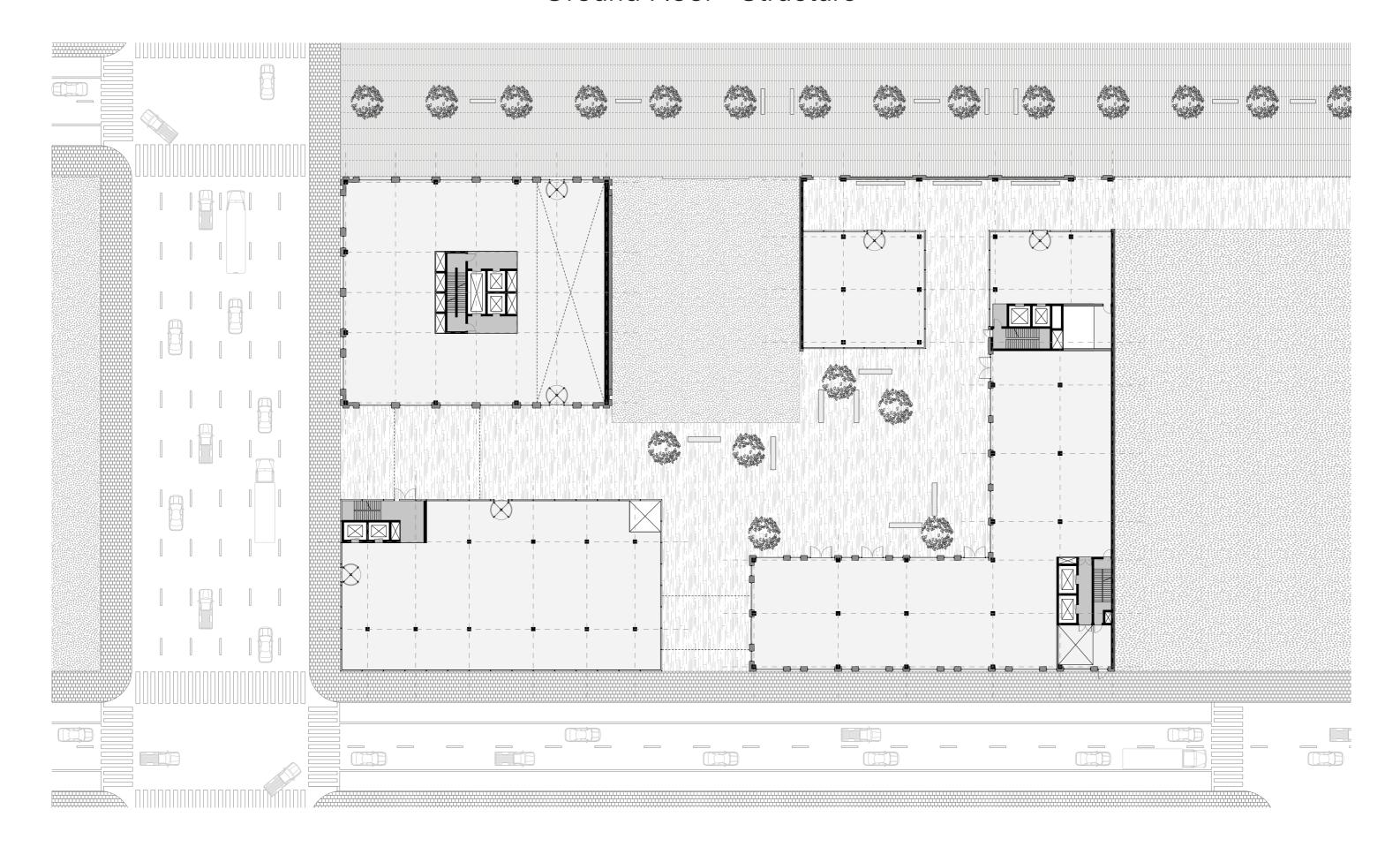




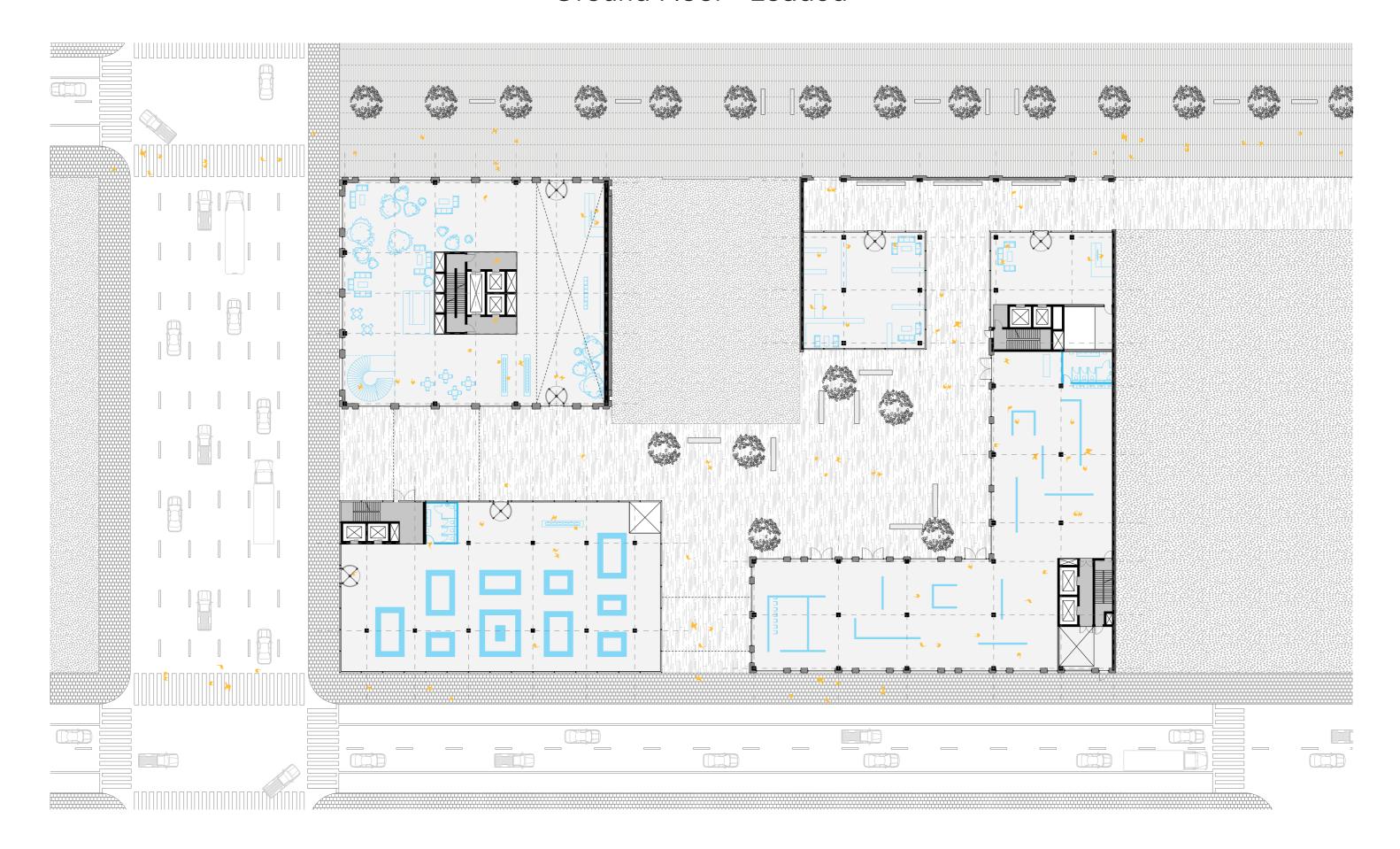




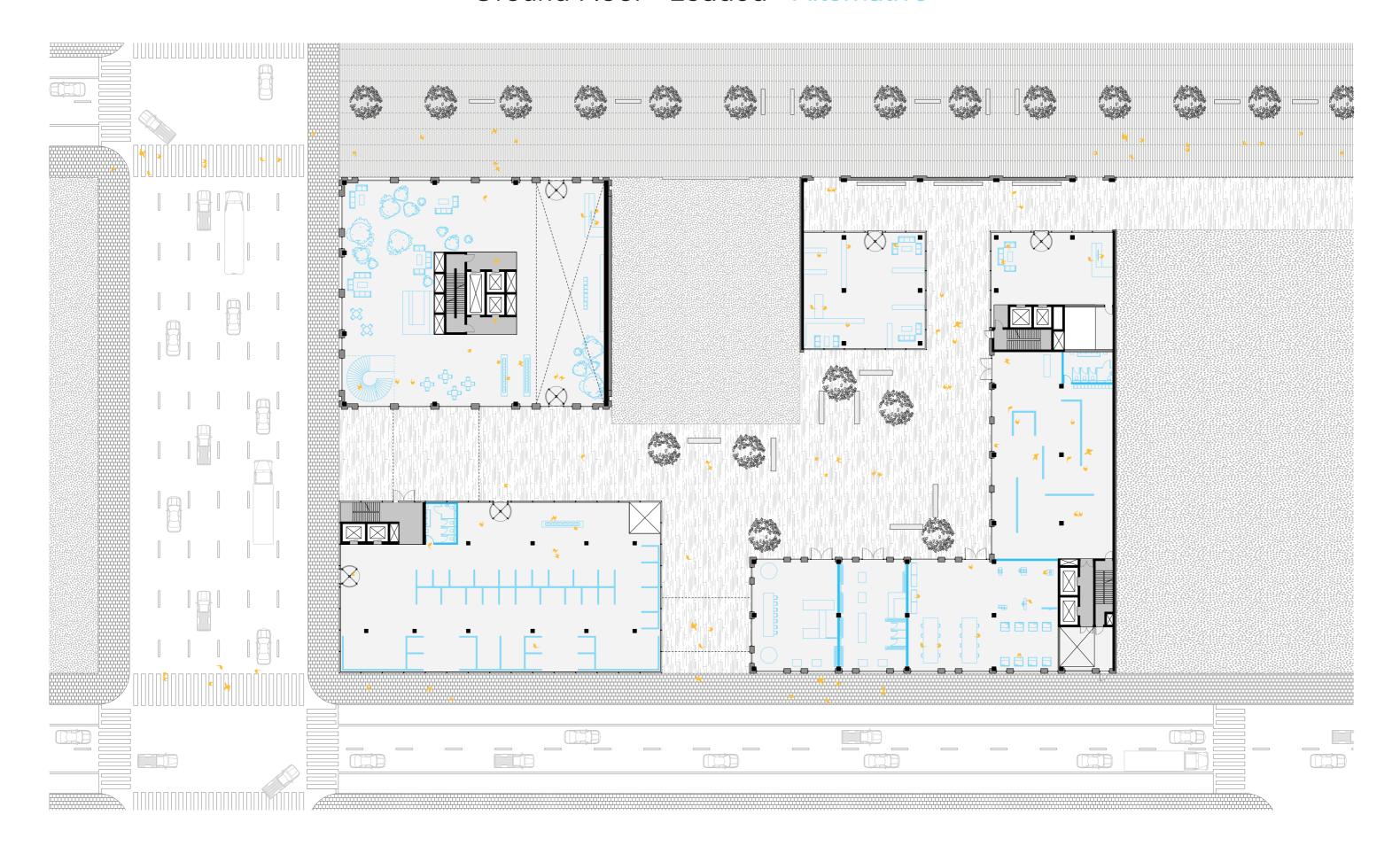
Ground Floor - Structure



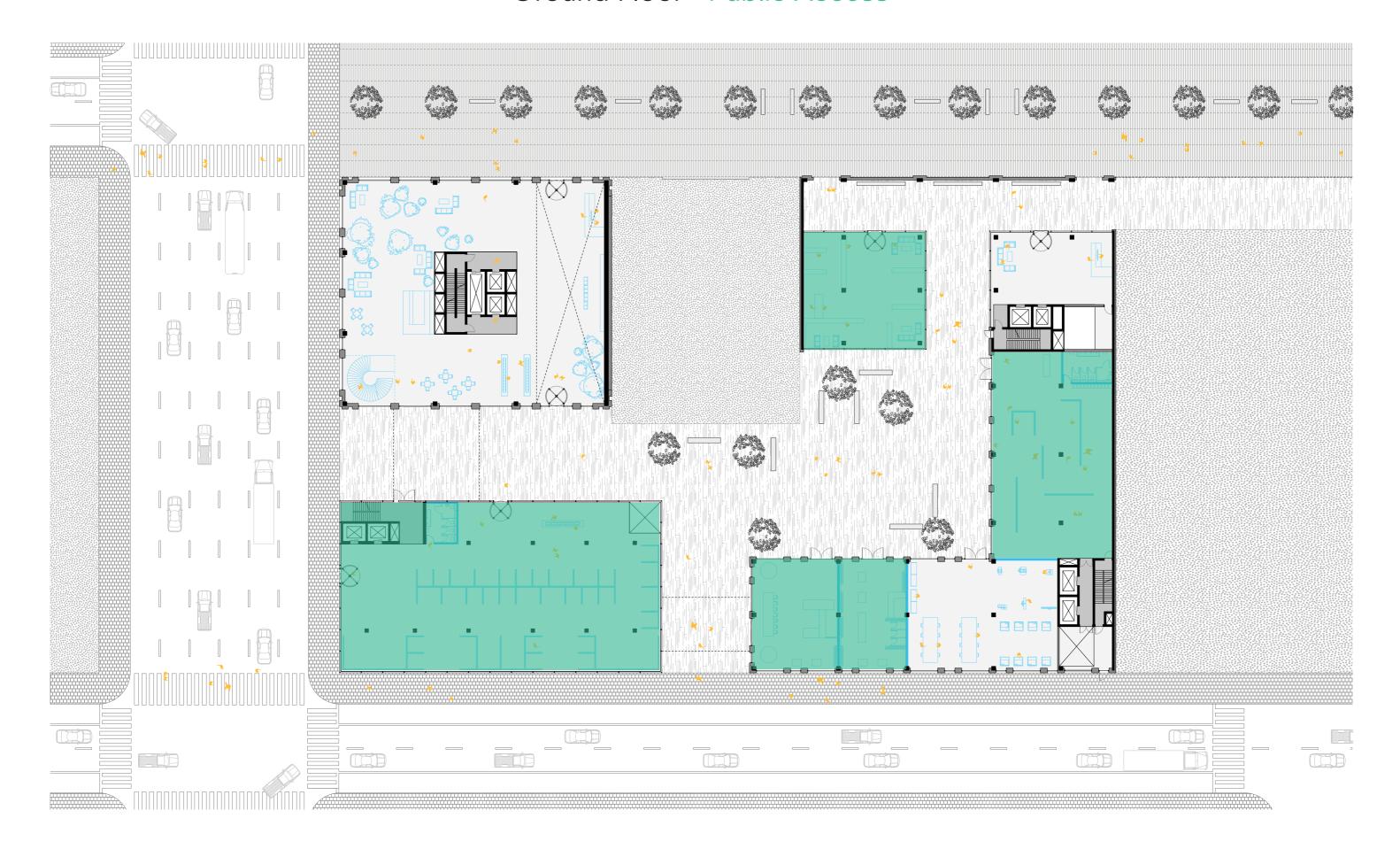
Ground Floor - Loaded



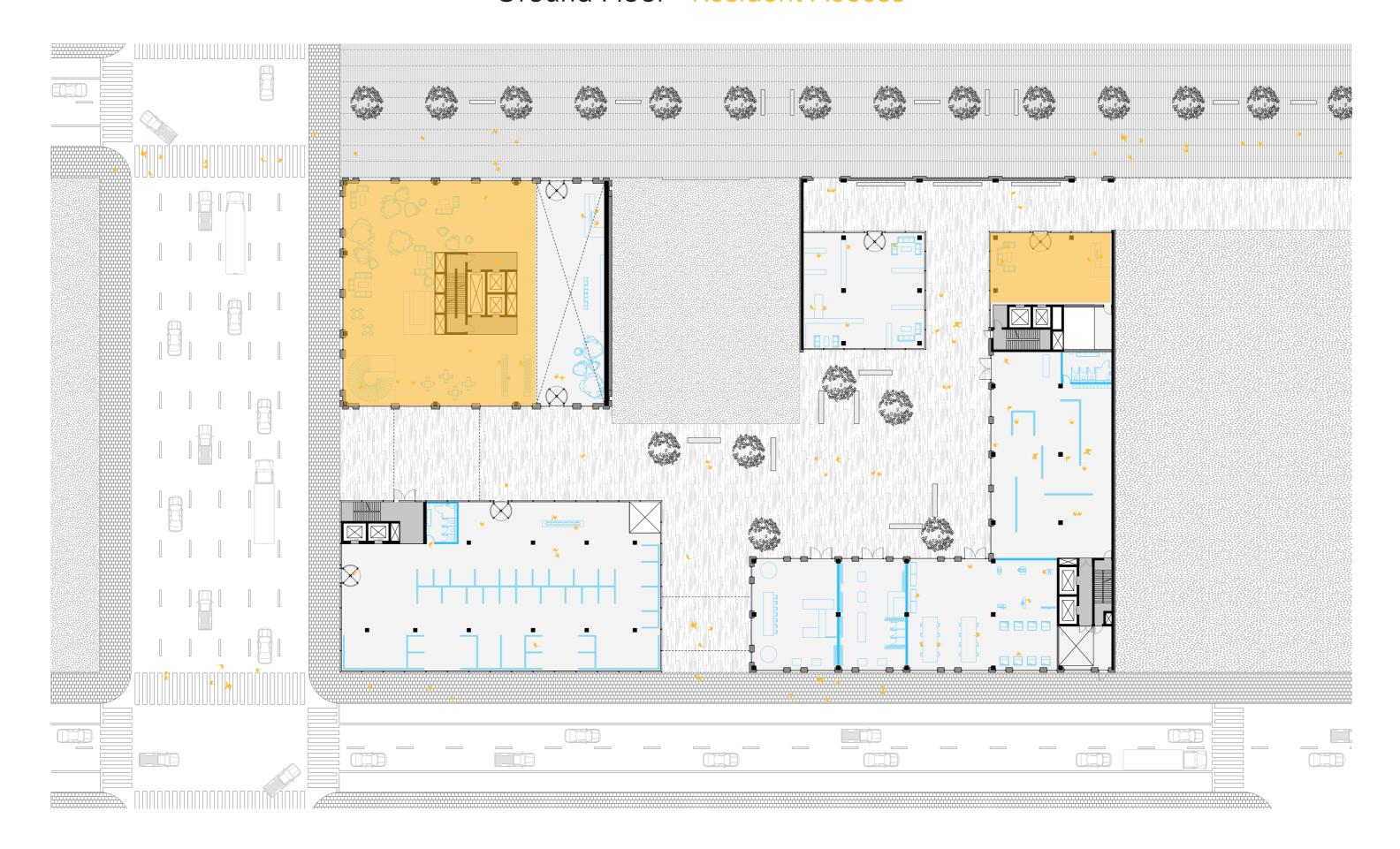
Ground Floor - Loaded - Alternative



Ground Floor - Public Access



Ground Floor - Resident Access



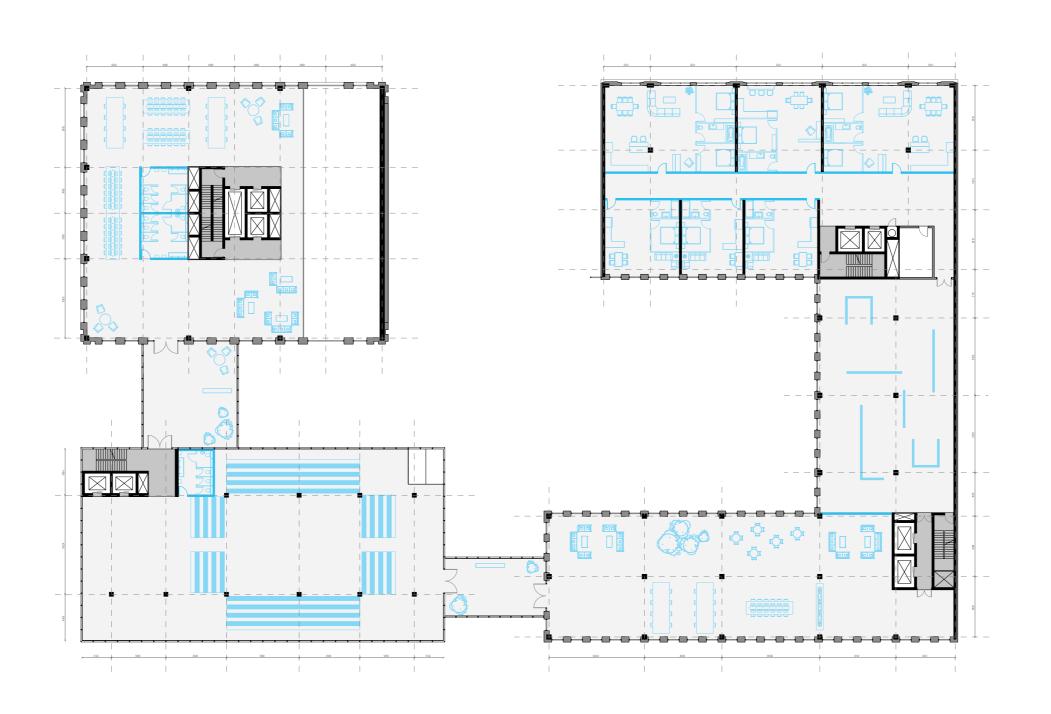
Ground Floor - Commercial Access



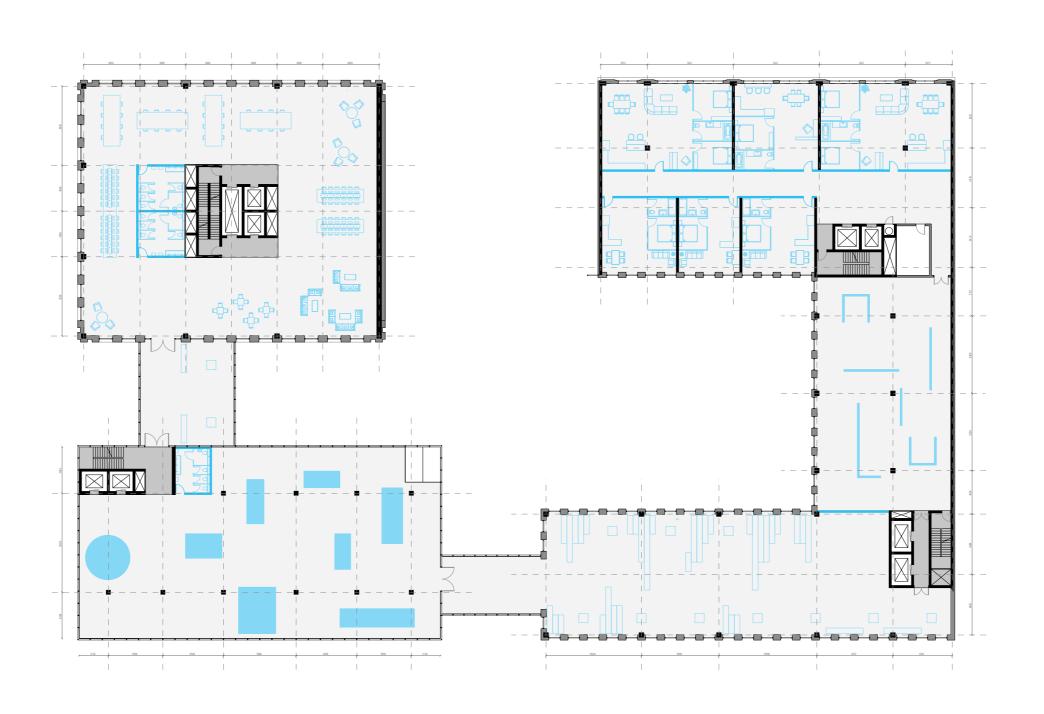




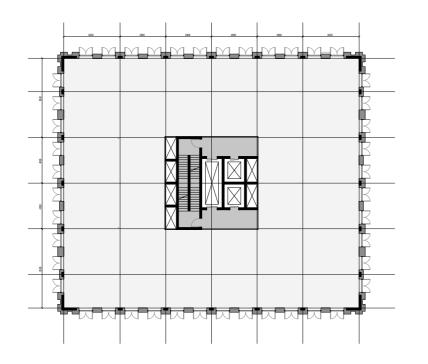
Second Floor - Loaded

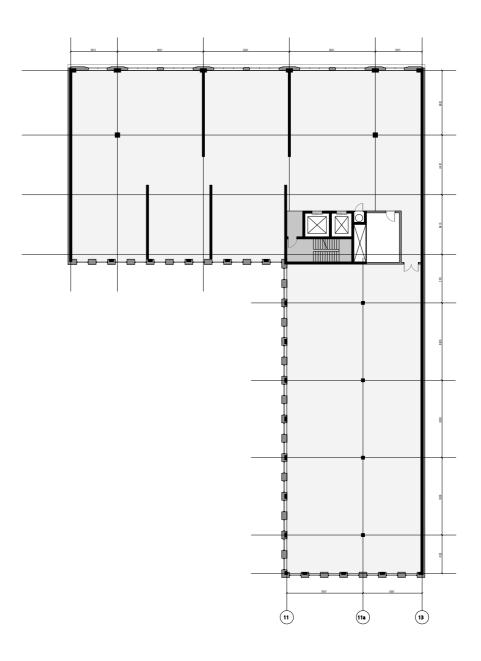


Fourth Floor - Loaded

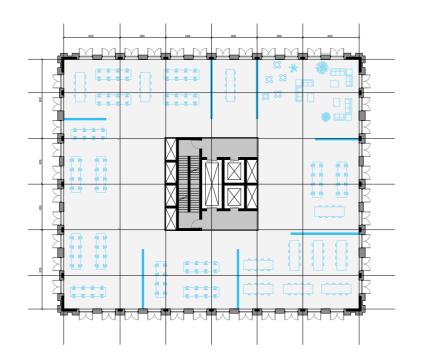


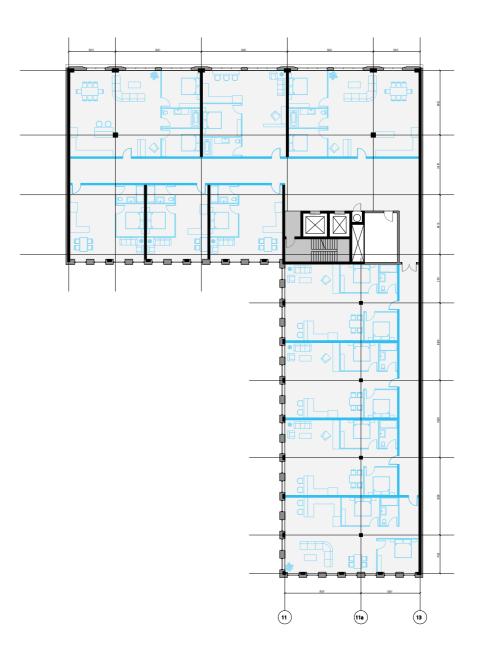
Twelfth Floor - Structure



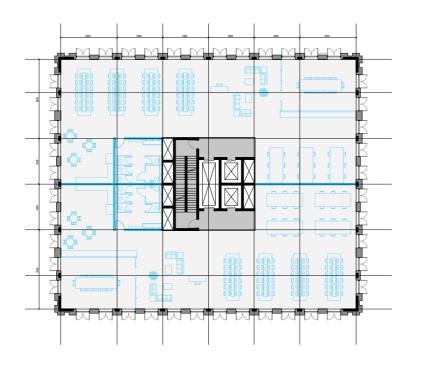


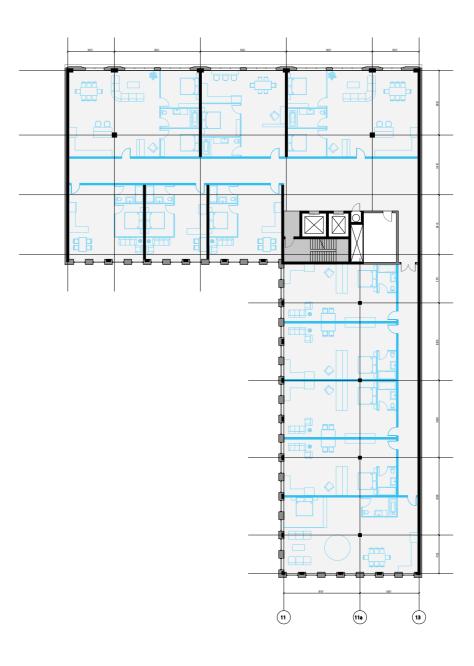
Twelfth Floor - Loaded



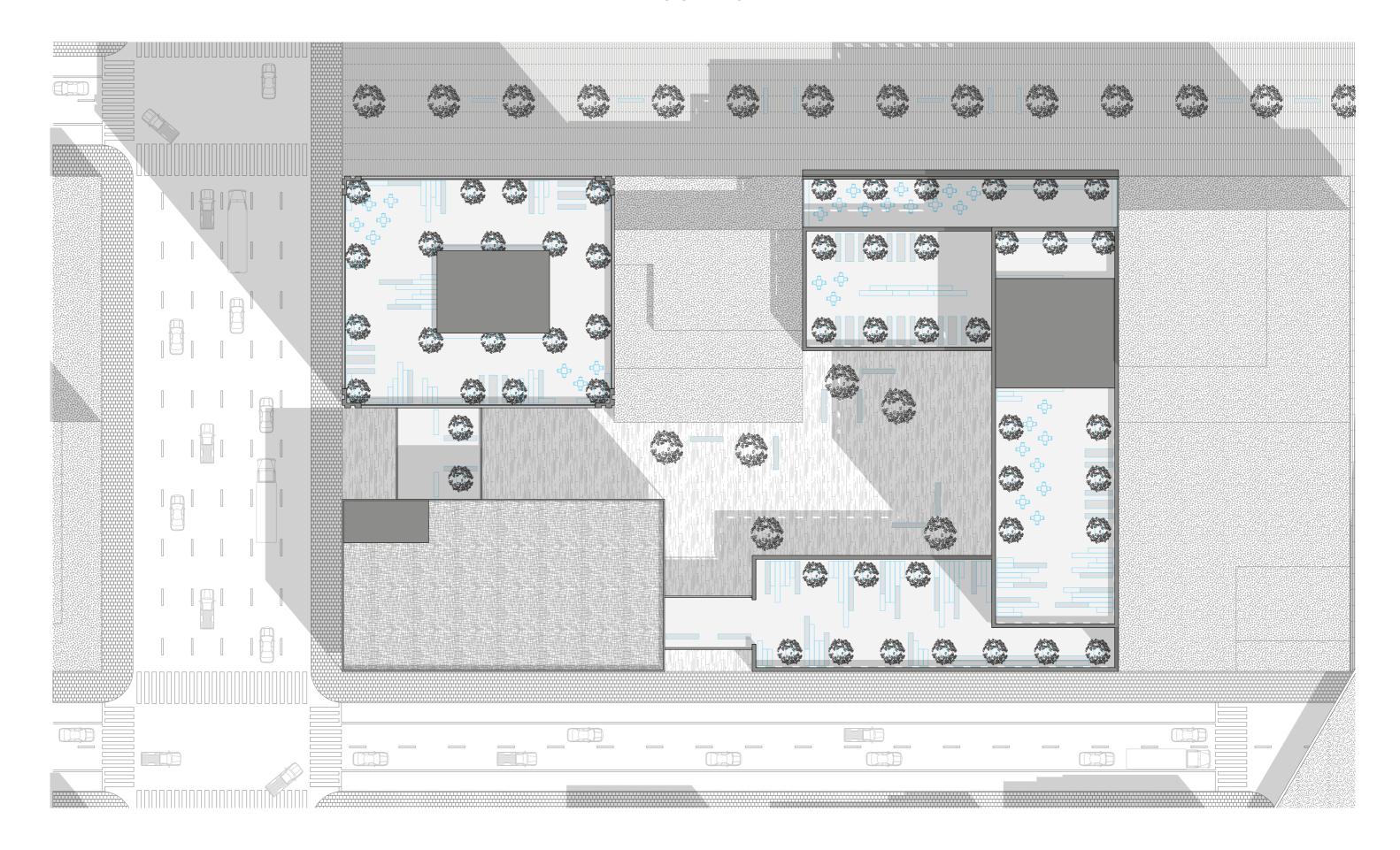


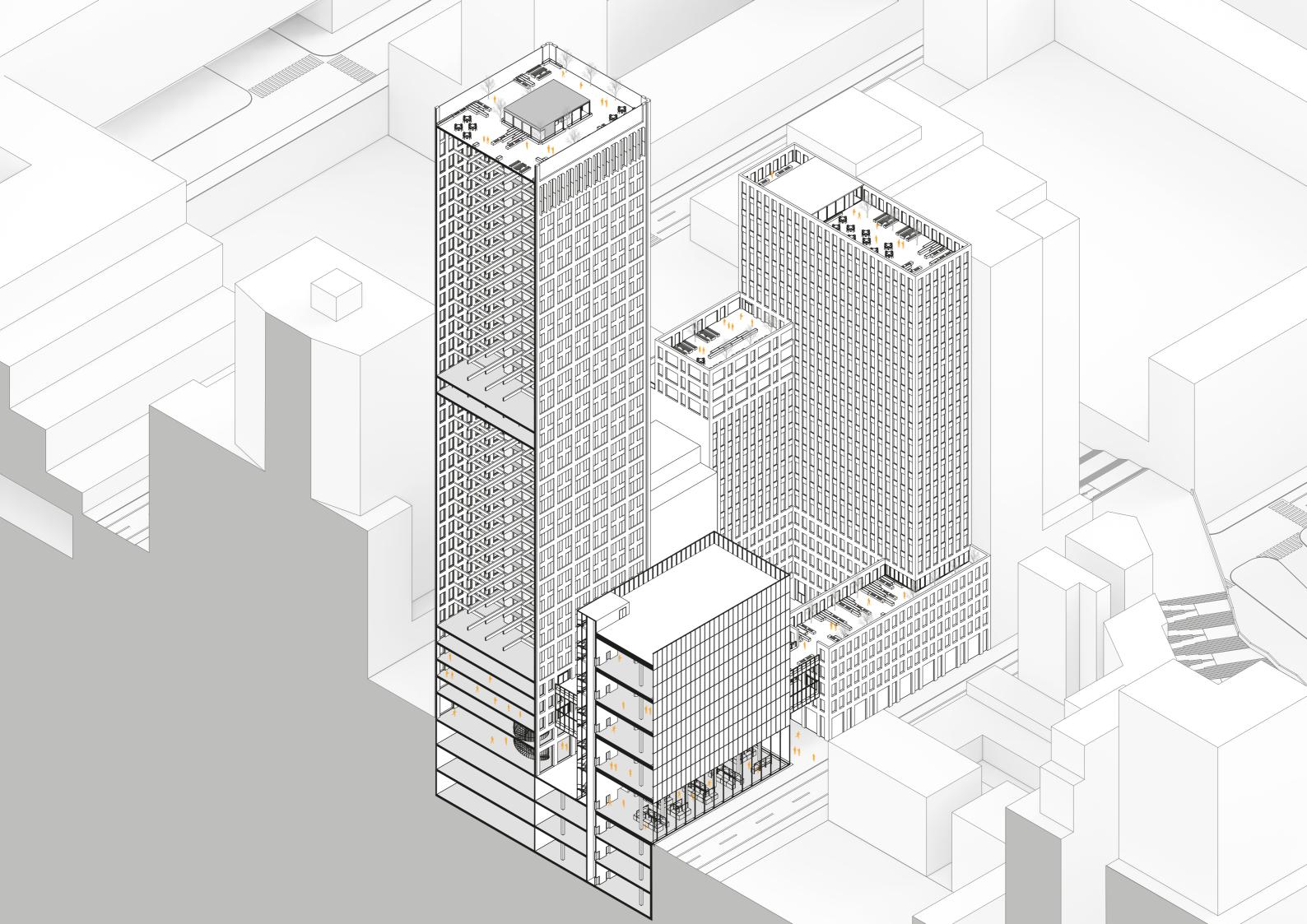
Twelfth Floor - Loaded - Alternative

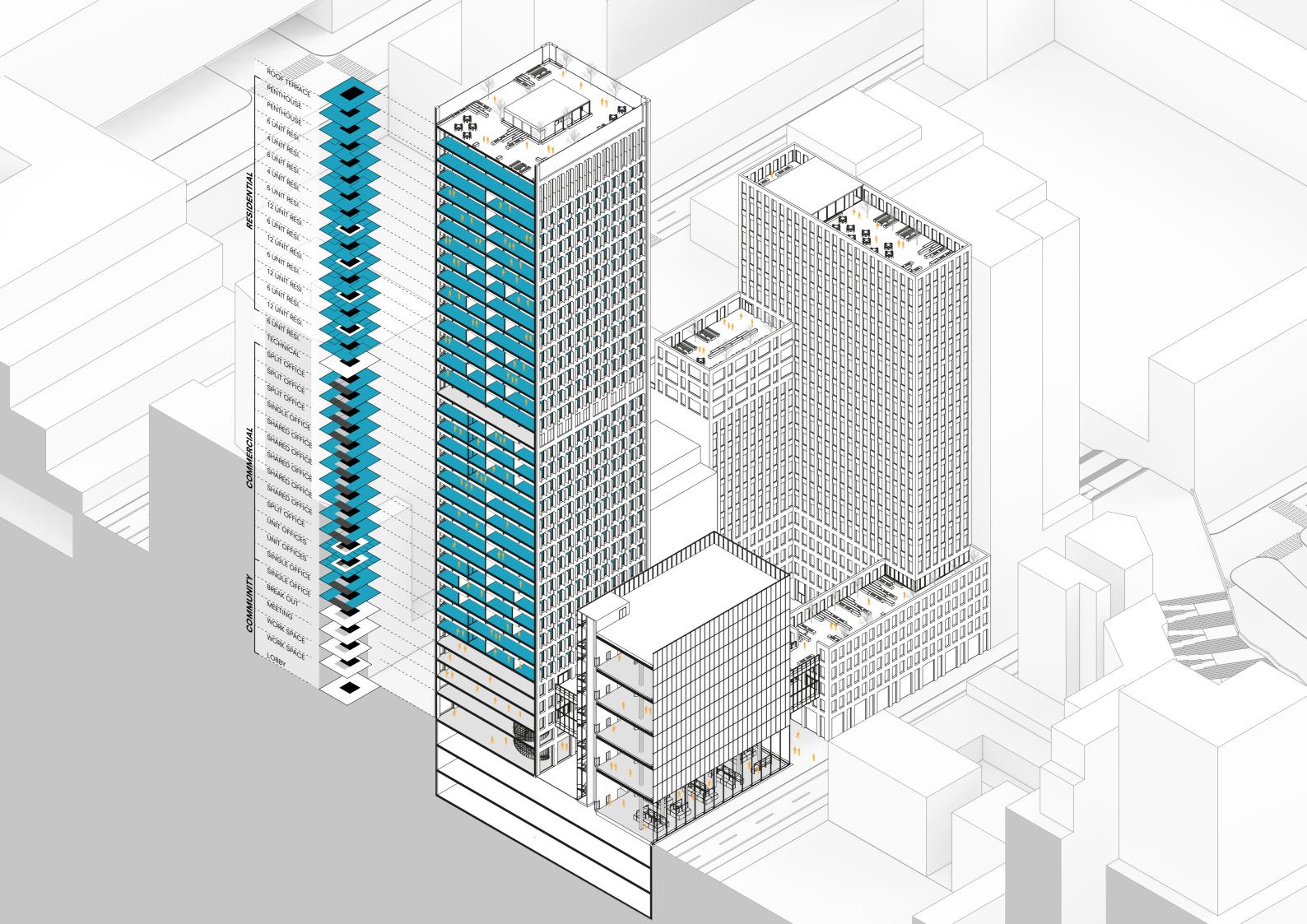




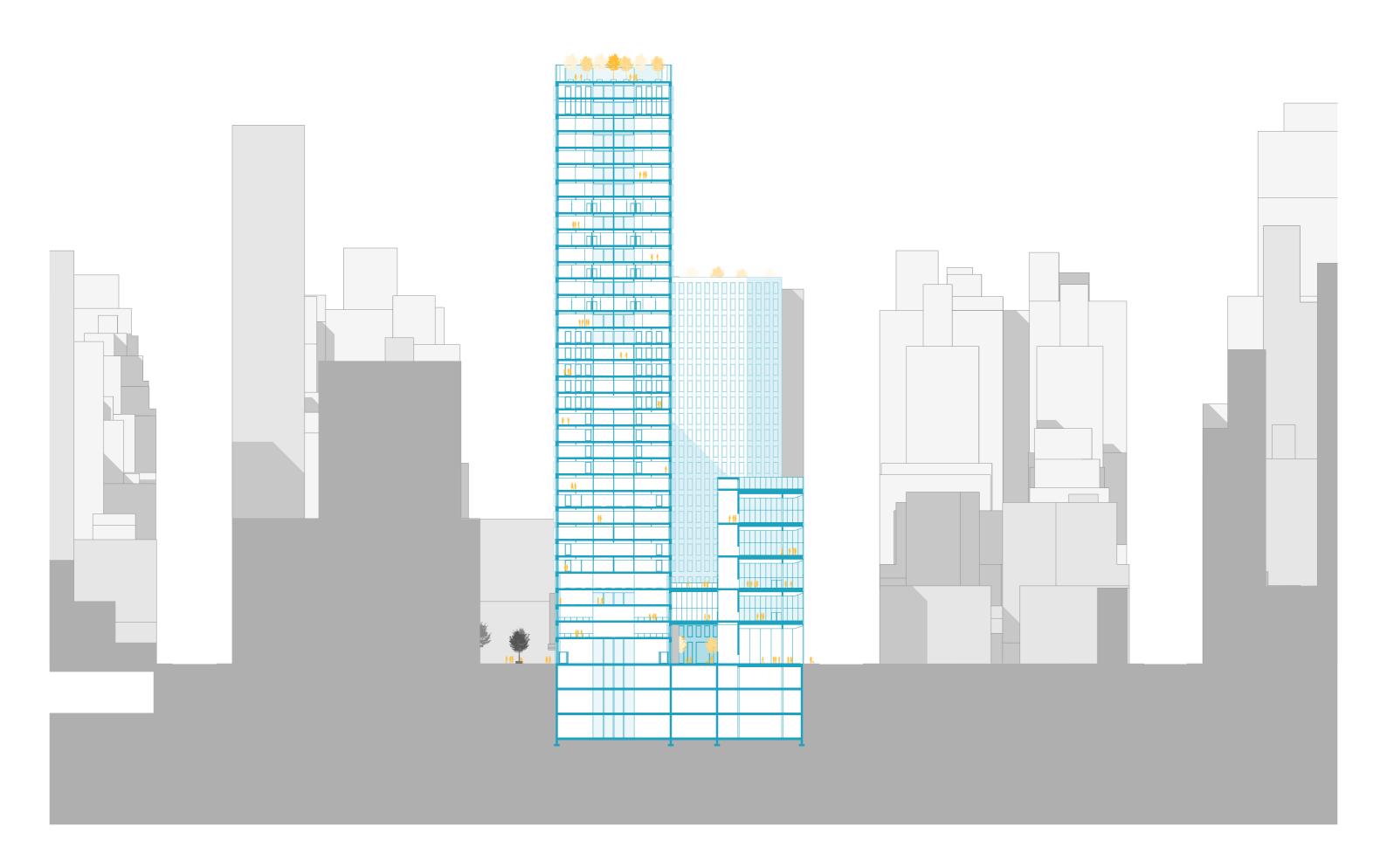
Roof Plan



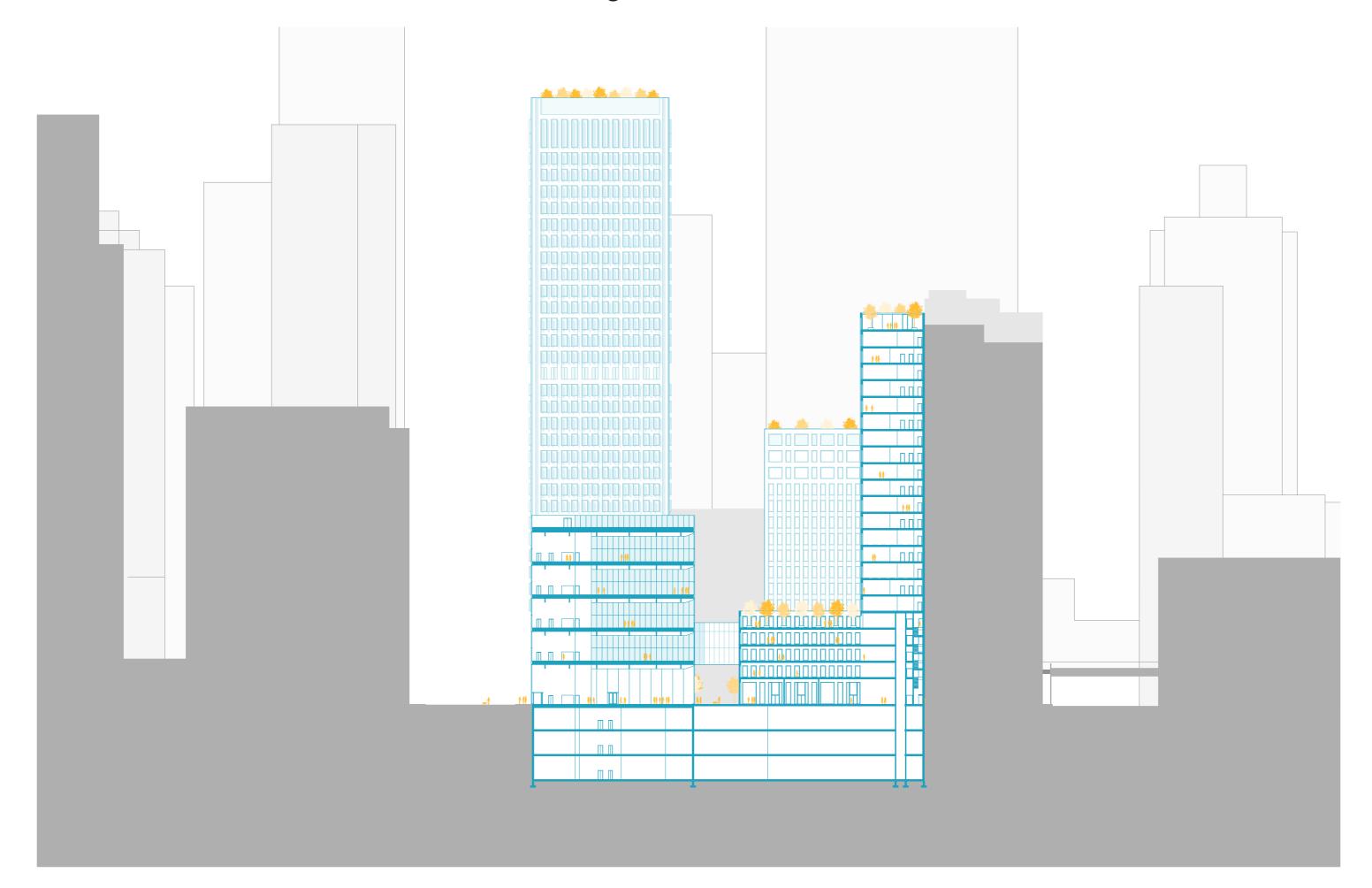




Cross Section

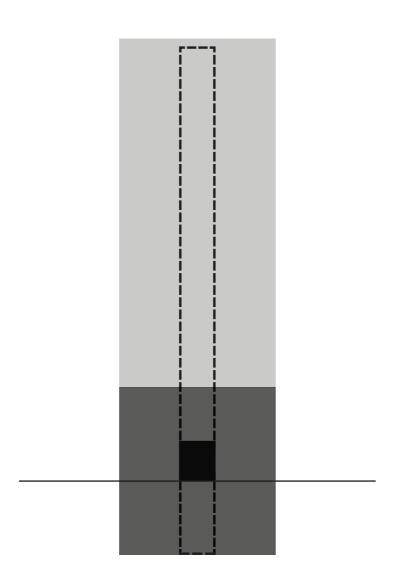


Longitudinal Section



DEVELOPMENT

Structural Concept



Core becomes Expressed Feature of the architecture

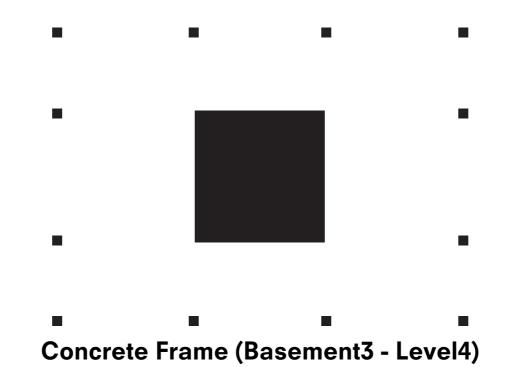


Composite Timber - Concrete Slabs CLT Beam & Columns



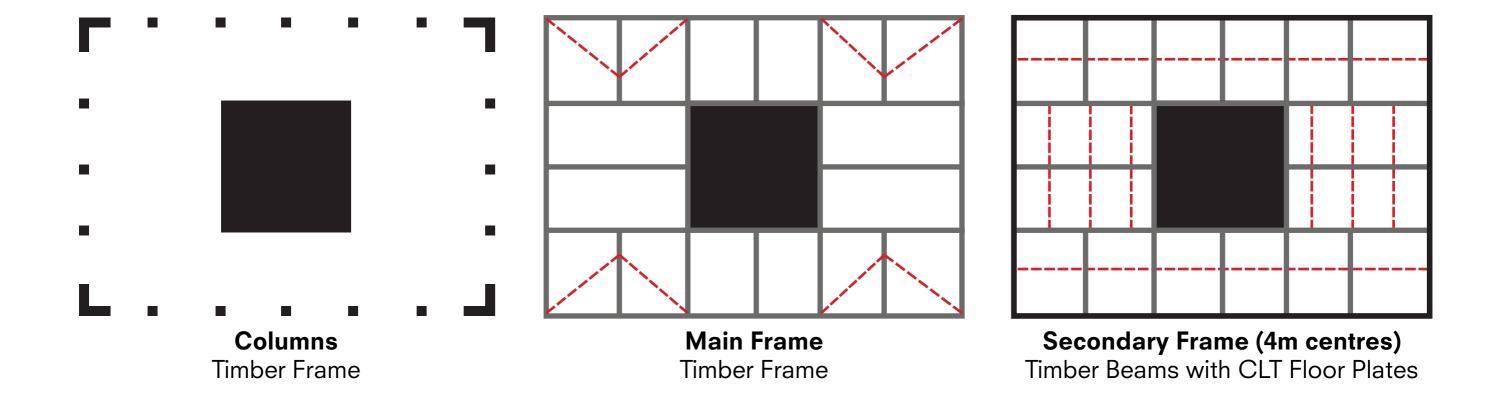
Concrete Flat Slab Construction

Structural Concept - Lower Floors

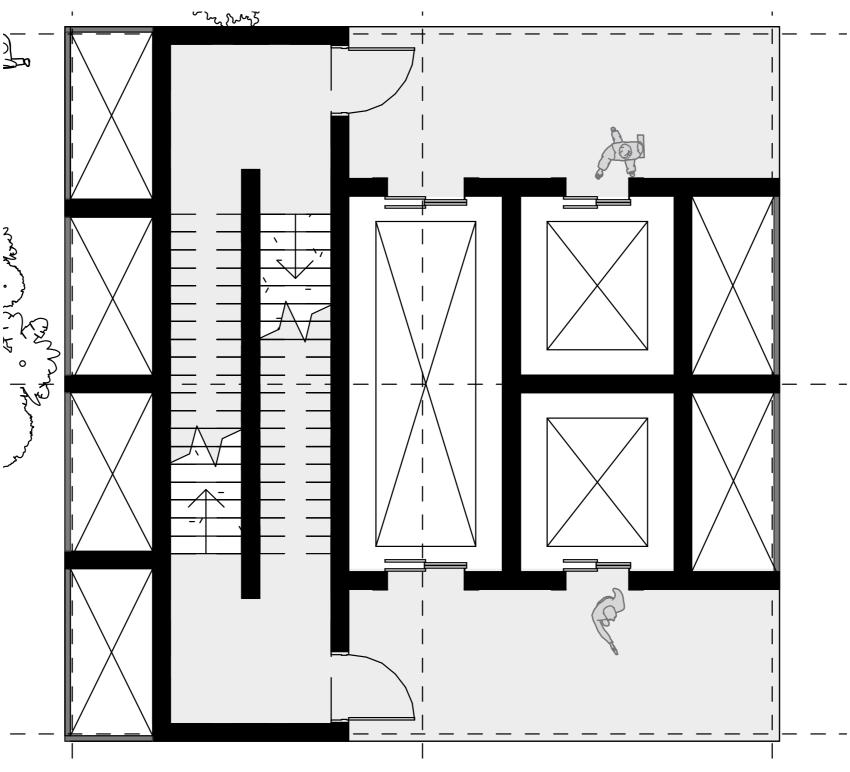


Concrete Structure with Flat Slab Floor Plates

Structural Concept - Upper Floors



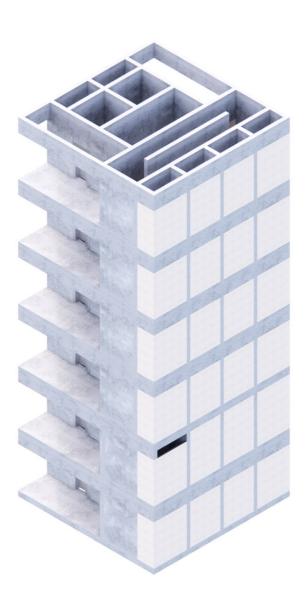
The Core



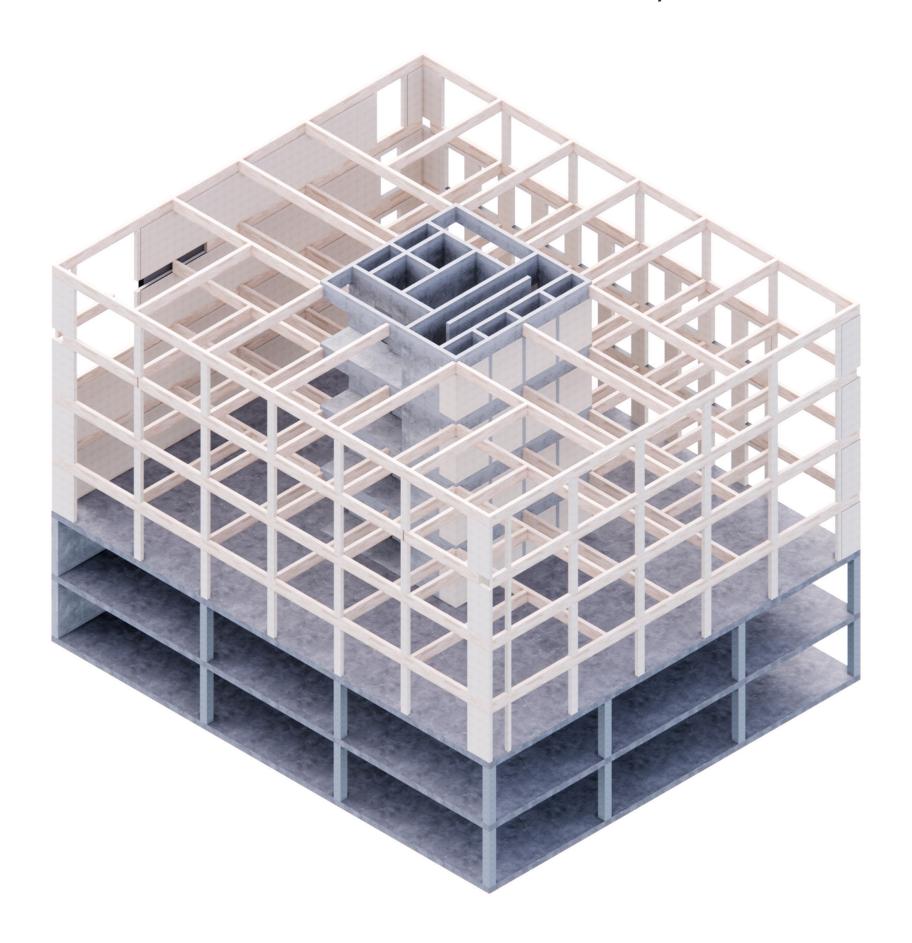
Main Core

Elongated lift enables material to be delivered to construct floors Riser located to enable maximum flexibility

Fixed Elements - Concrete Core



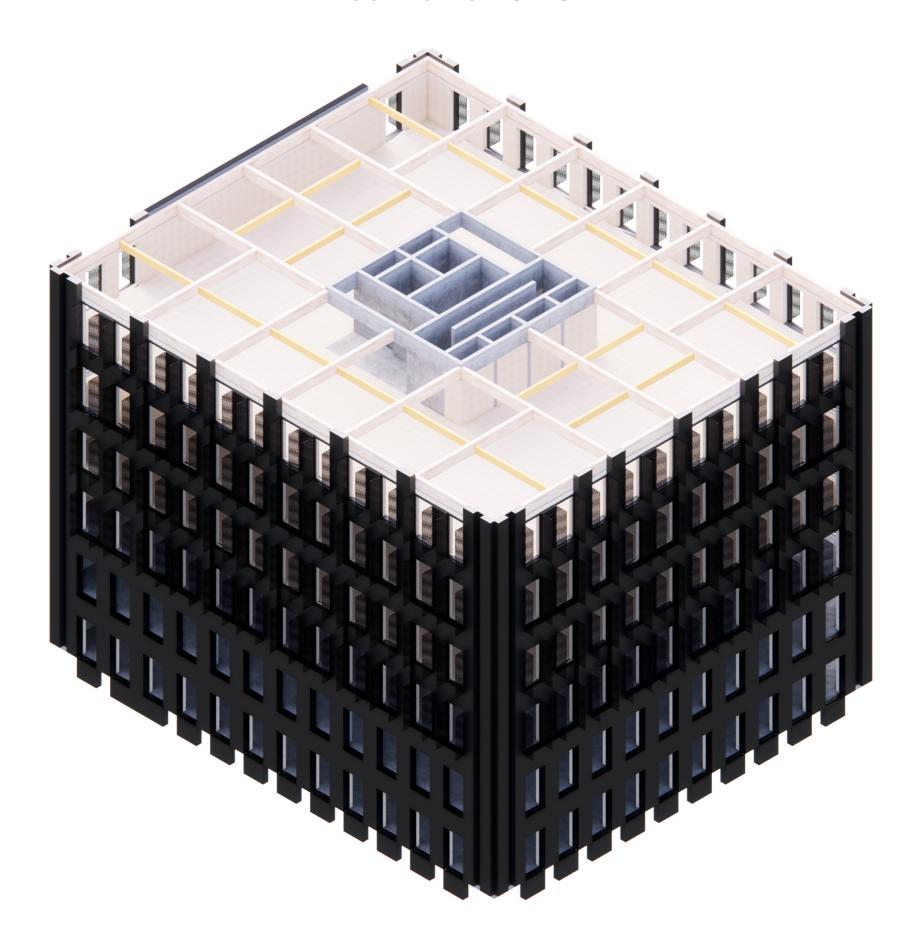
Fixed Elements - Main Structural Systems



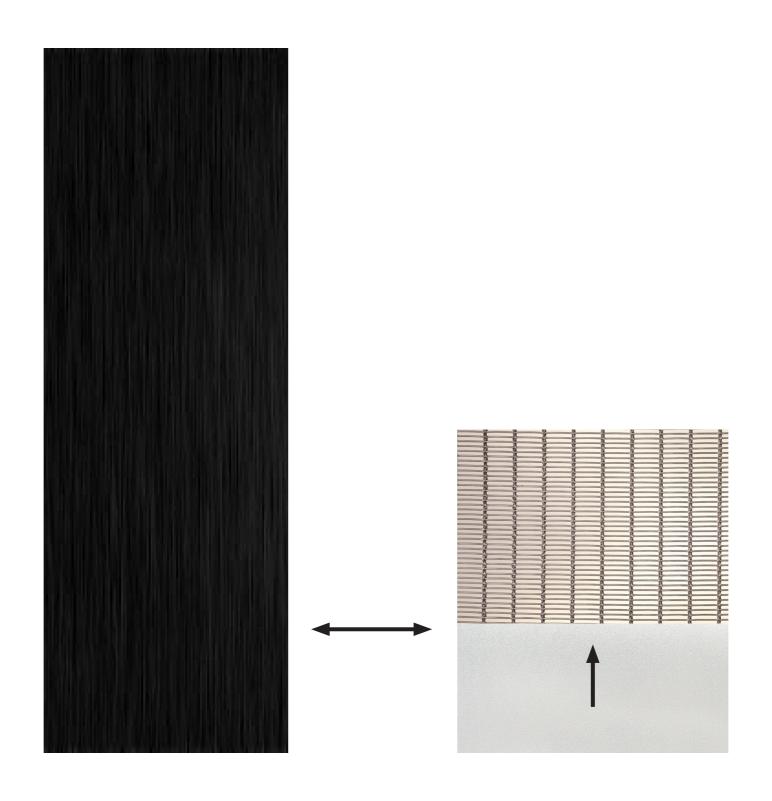
Flexible Elements - Composite Floors



Fixed Elements - Skin



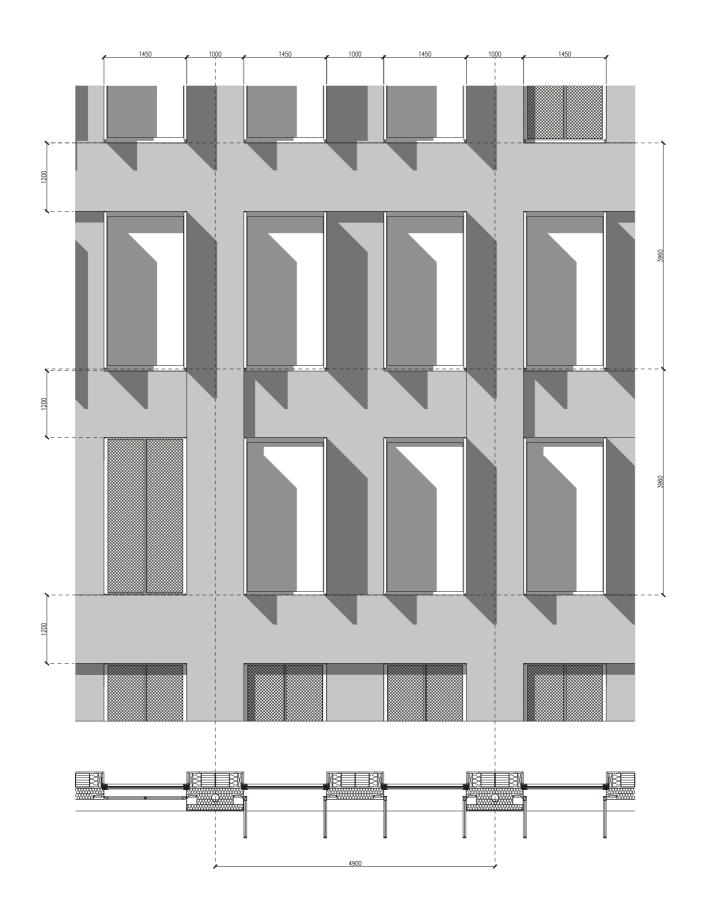
Facade Materiality Concept

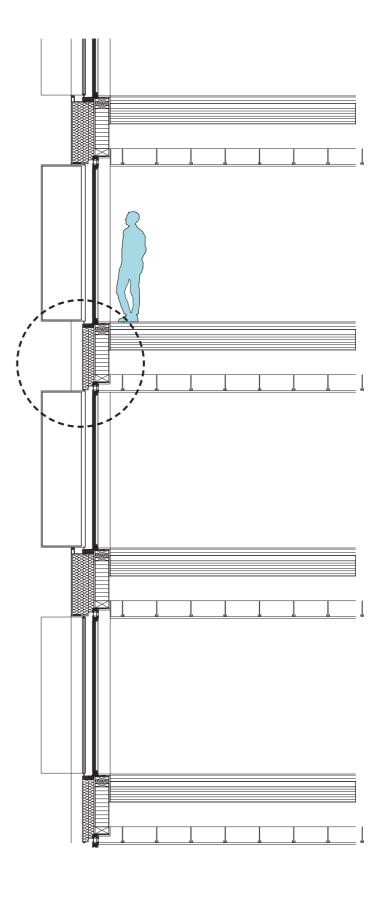


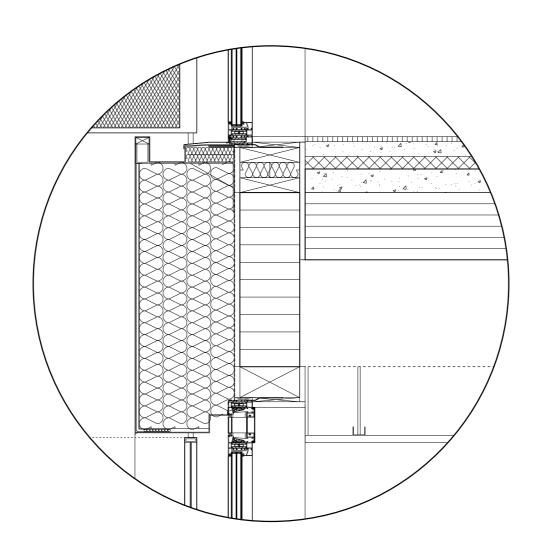




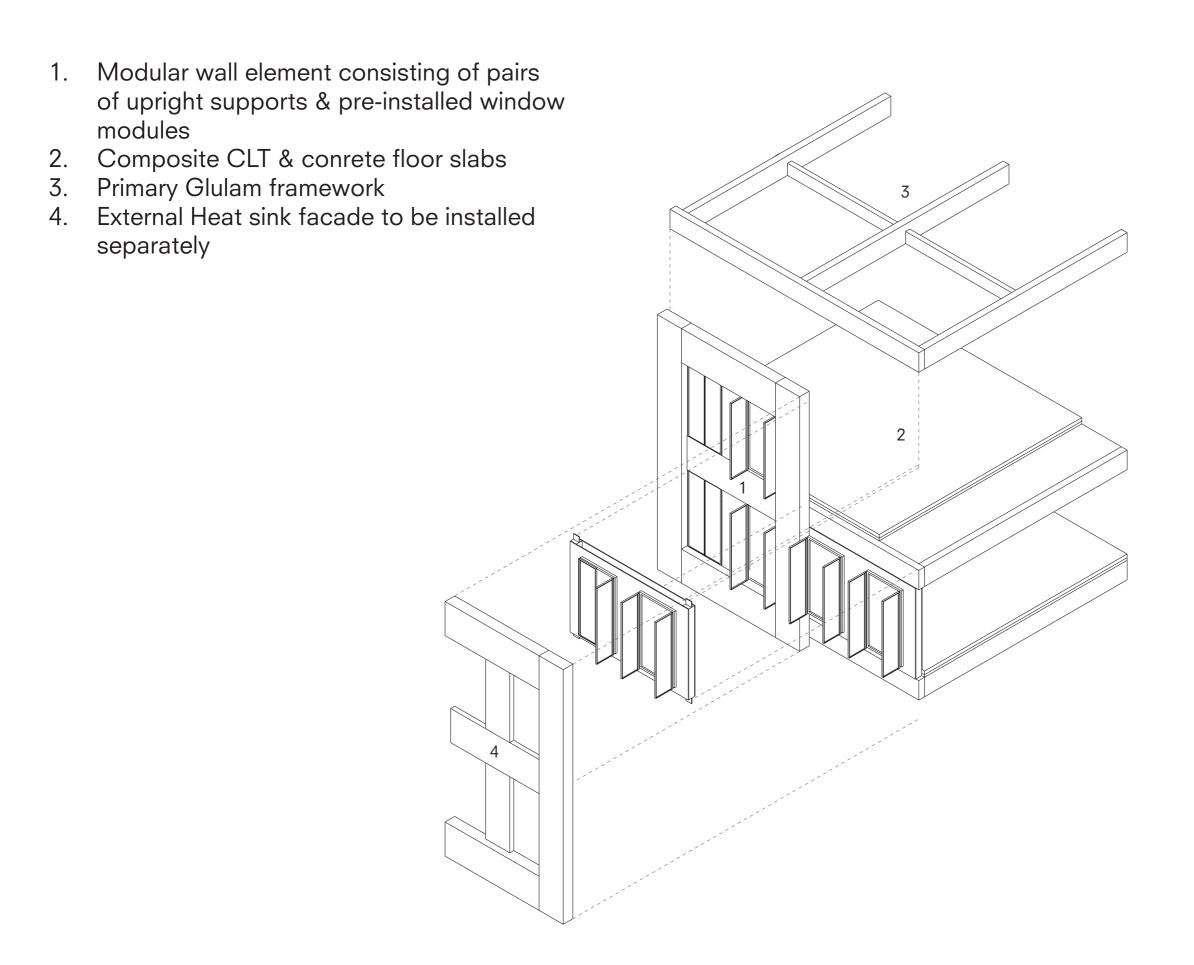
Flexible Facade





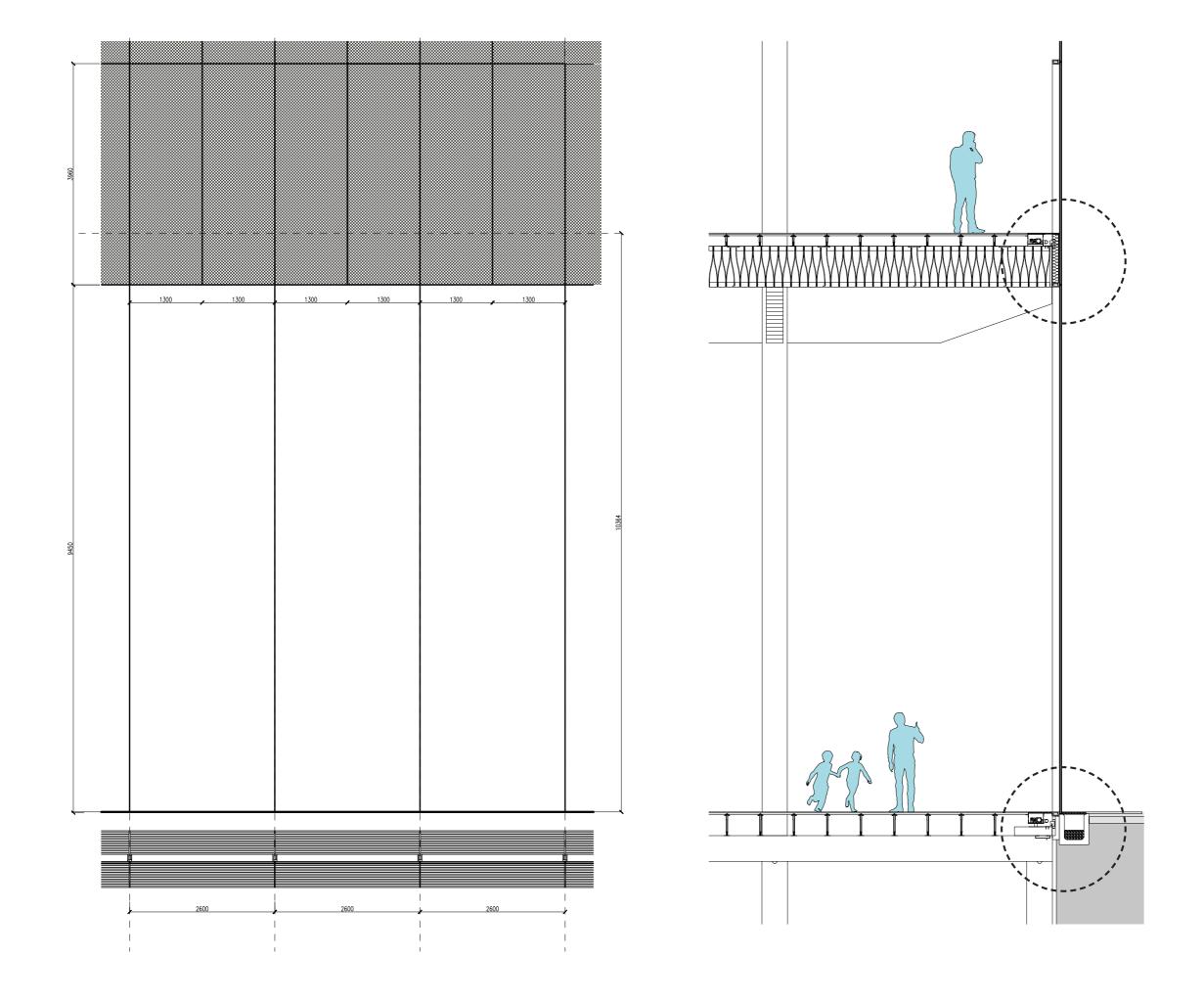


Facade Construction

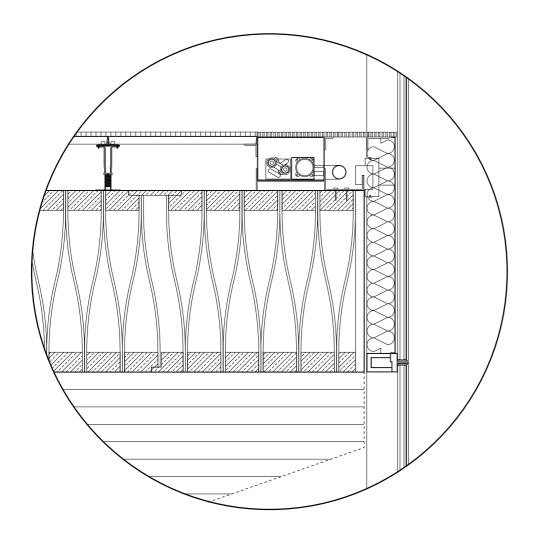


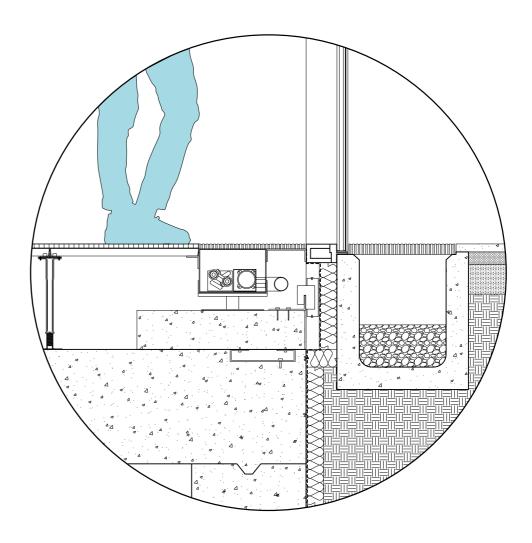


Community Facade



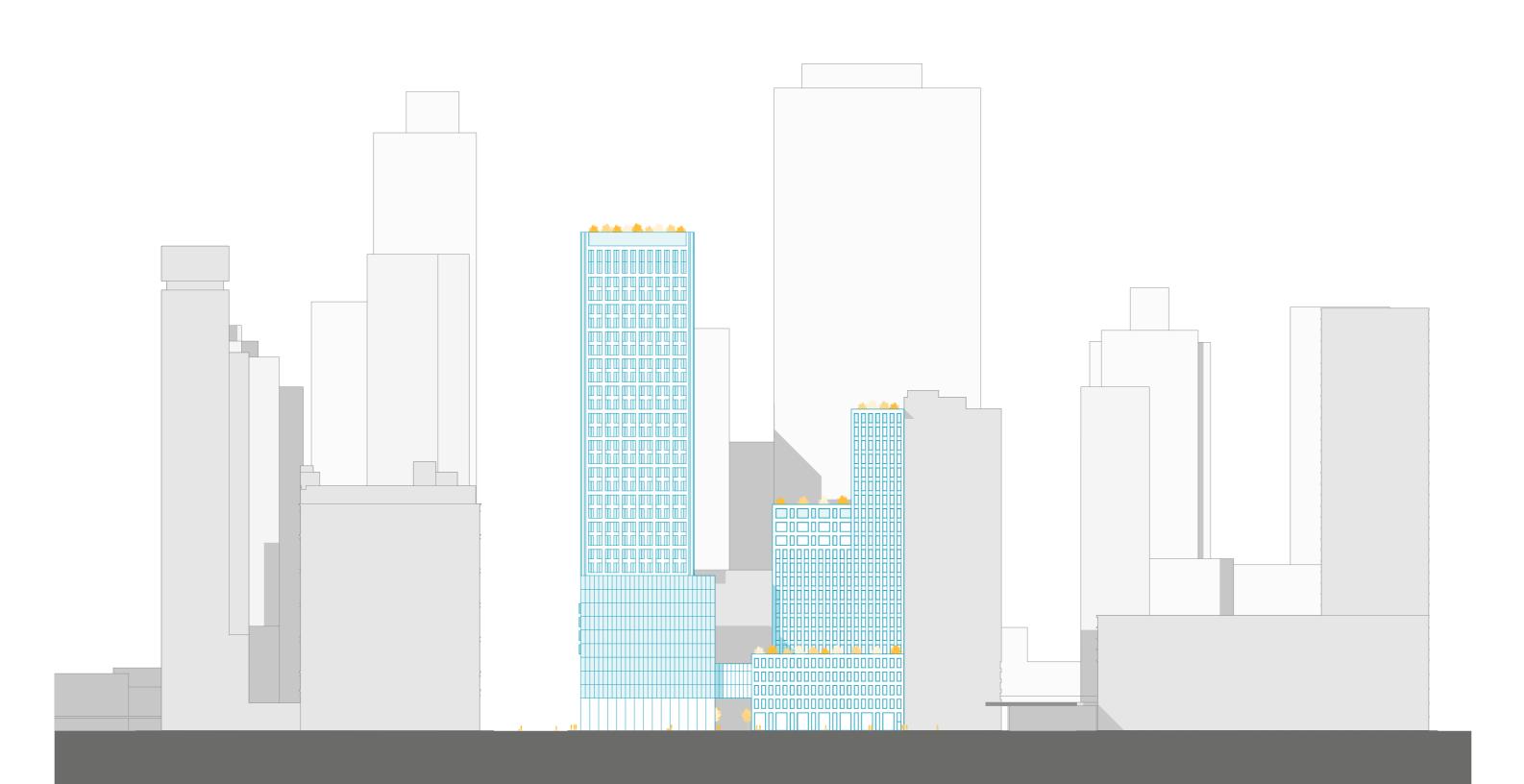
Detailing



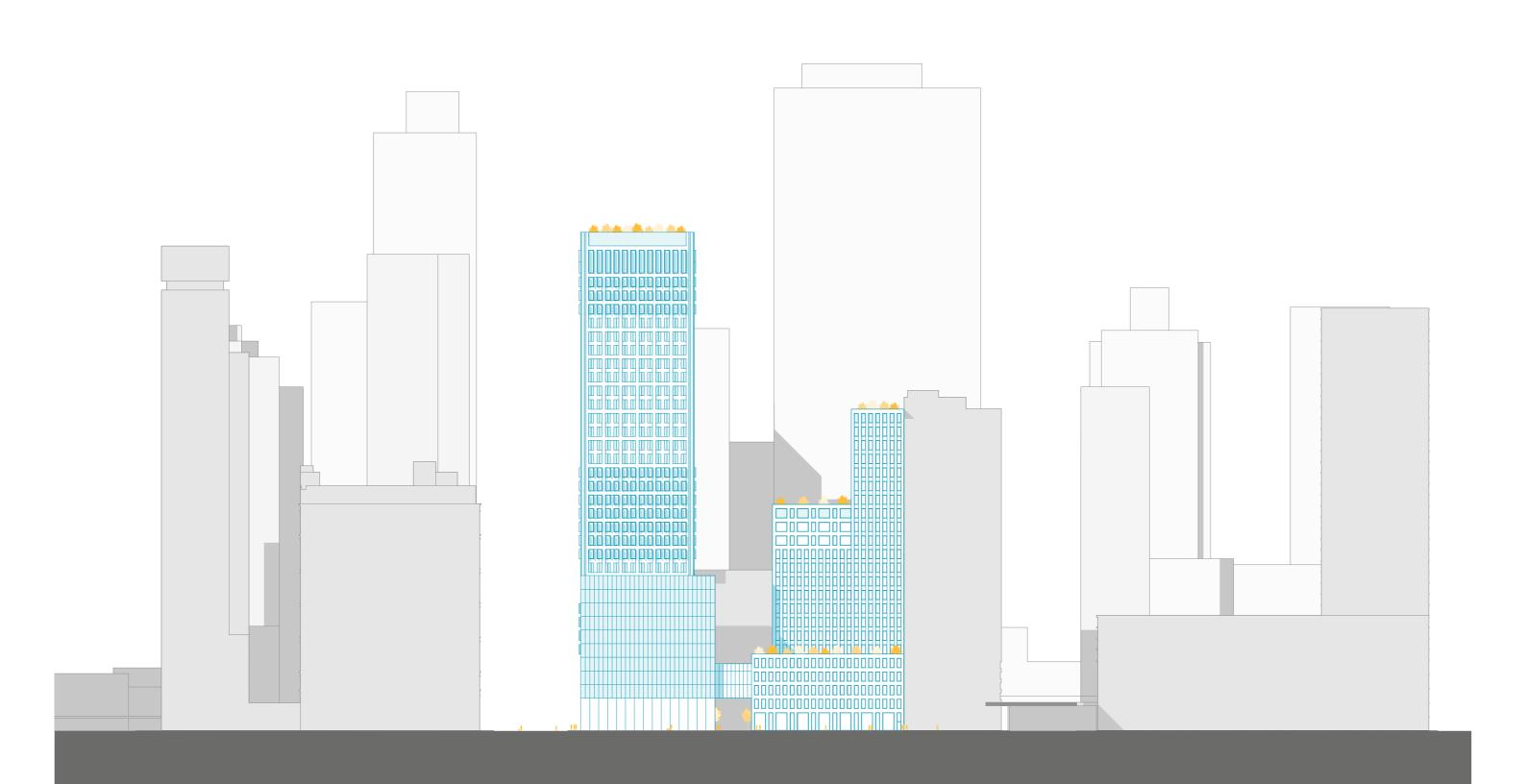




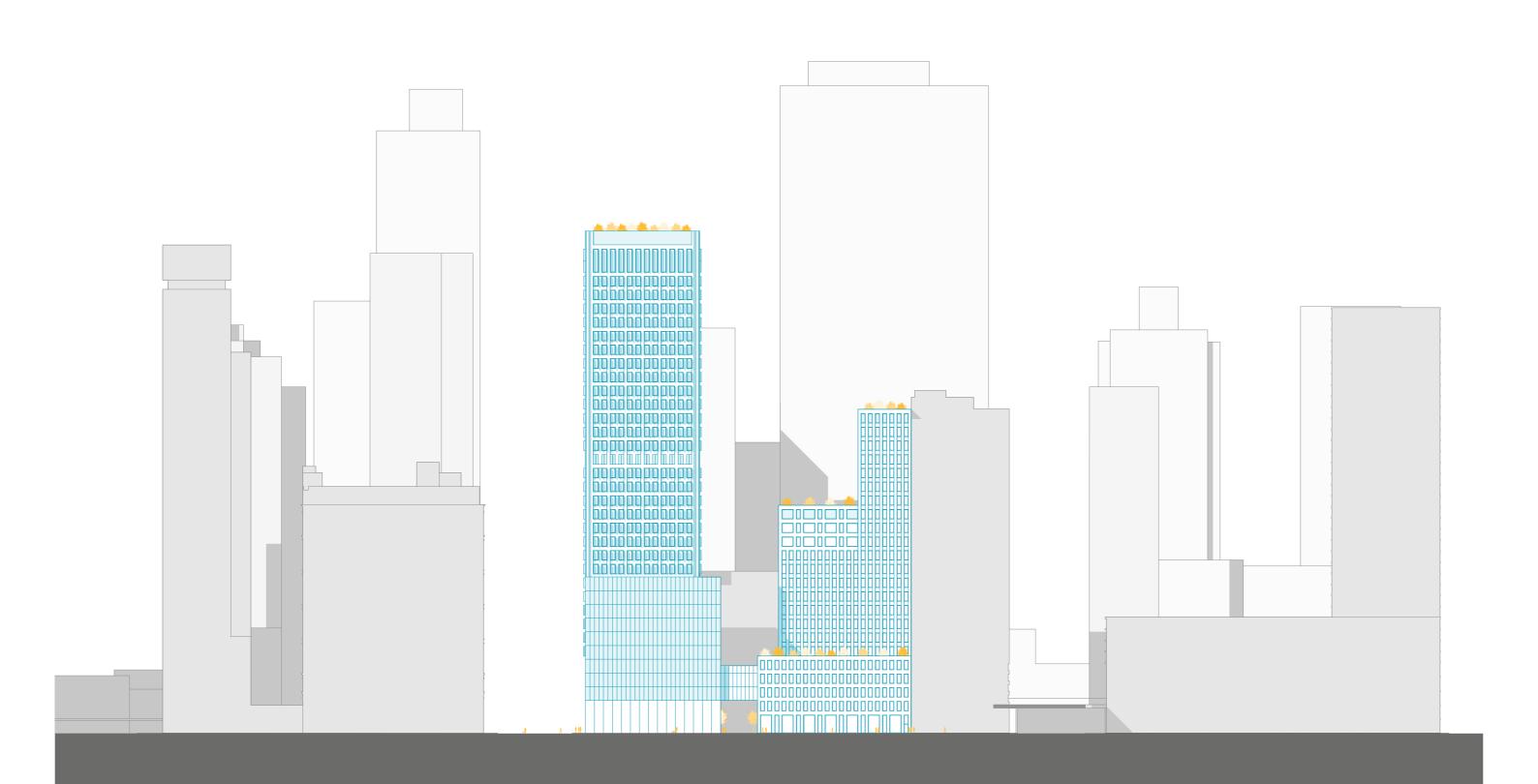
South Elevation



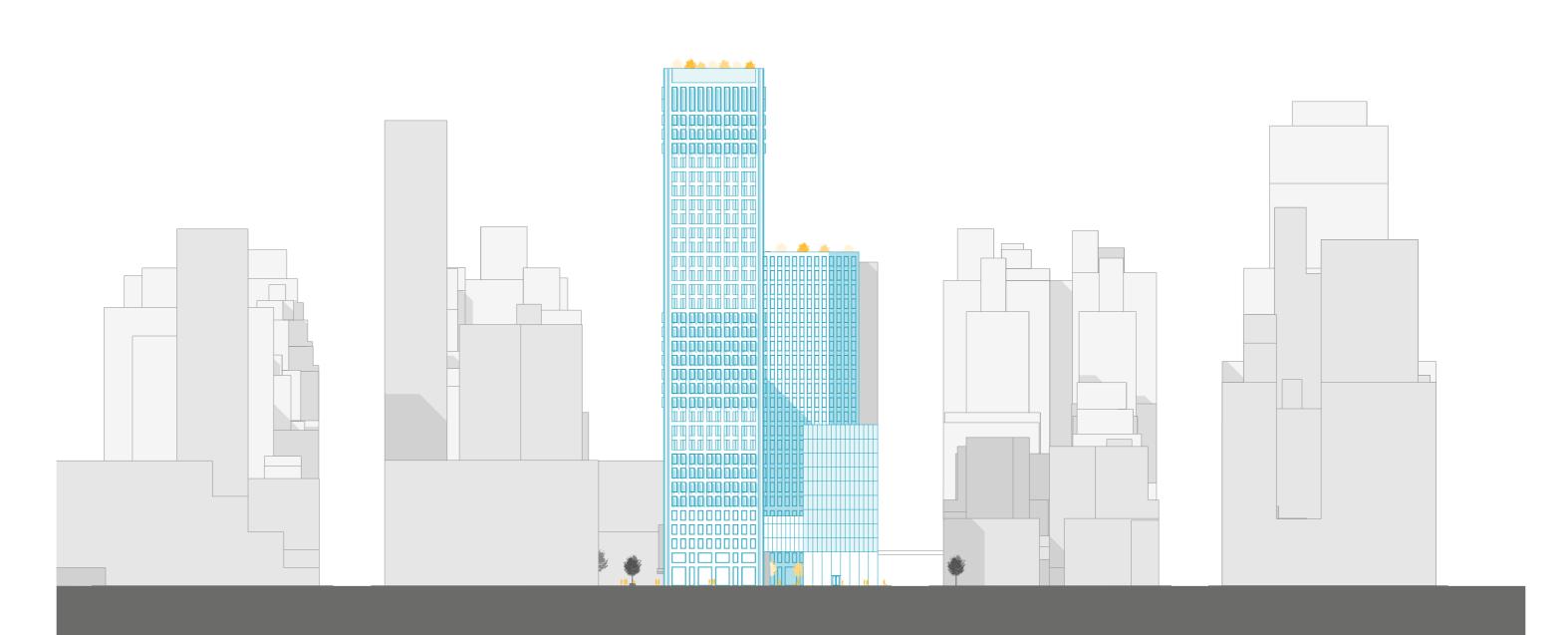
South Elevation



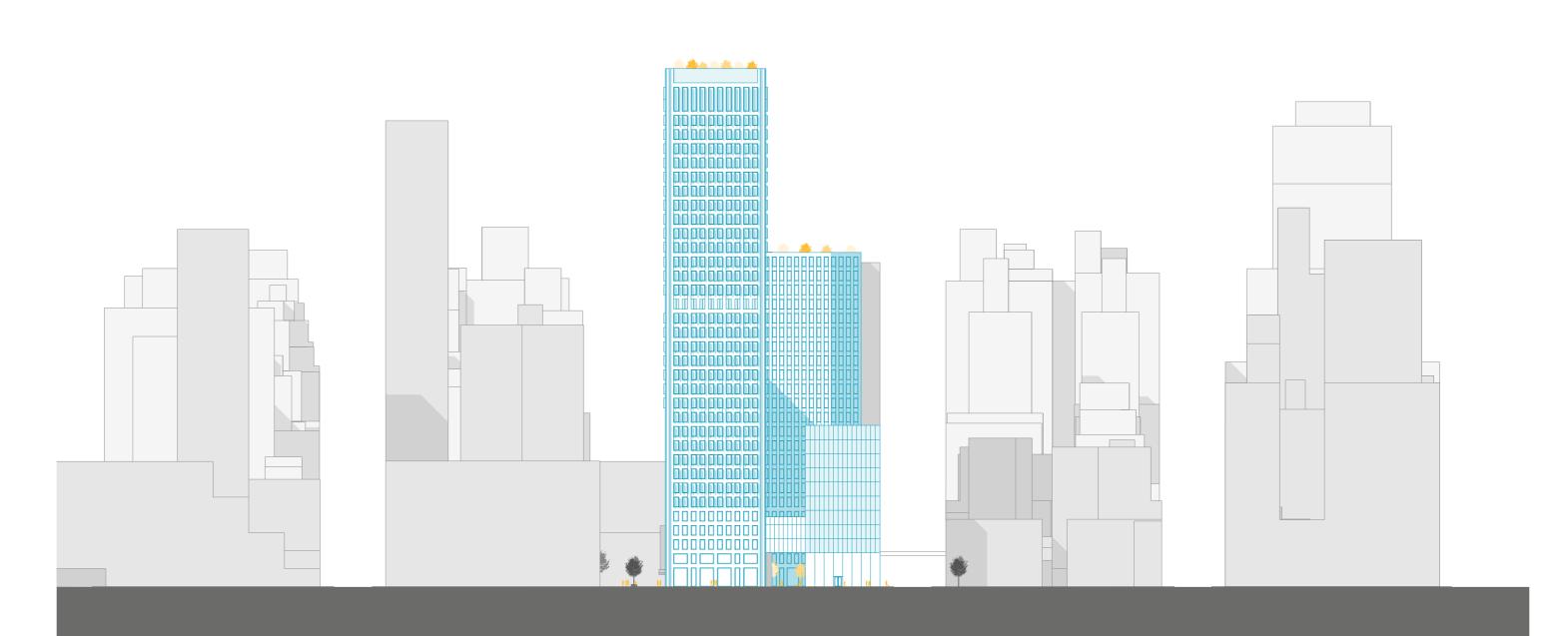
South Elevation



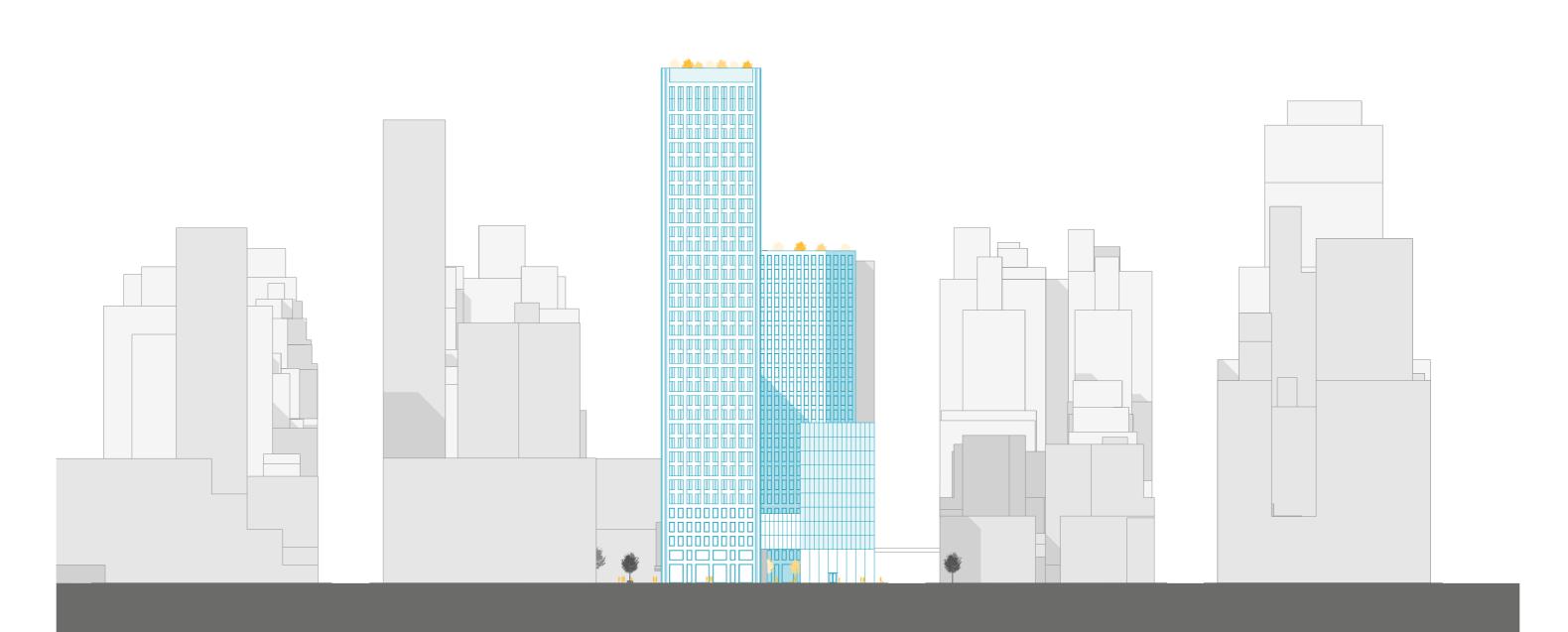
West Elevation



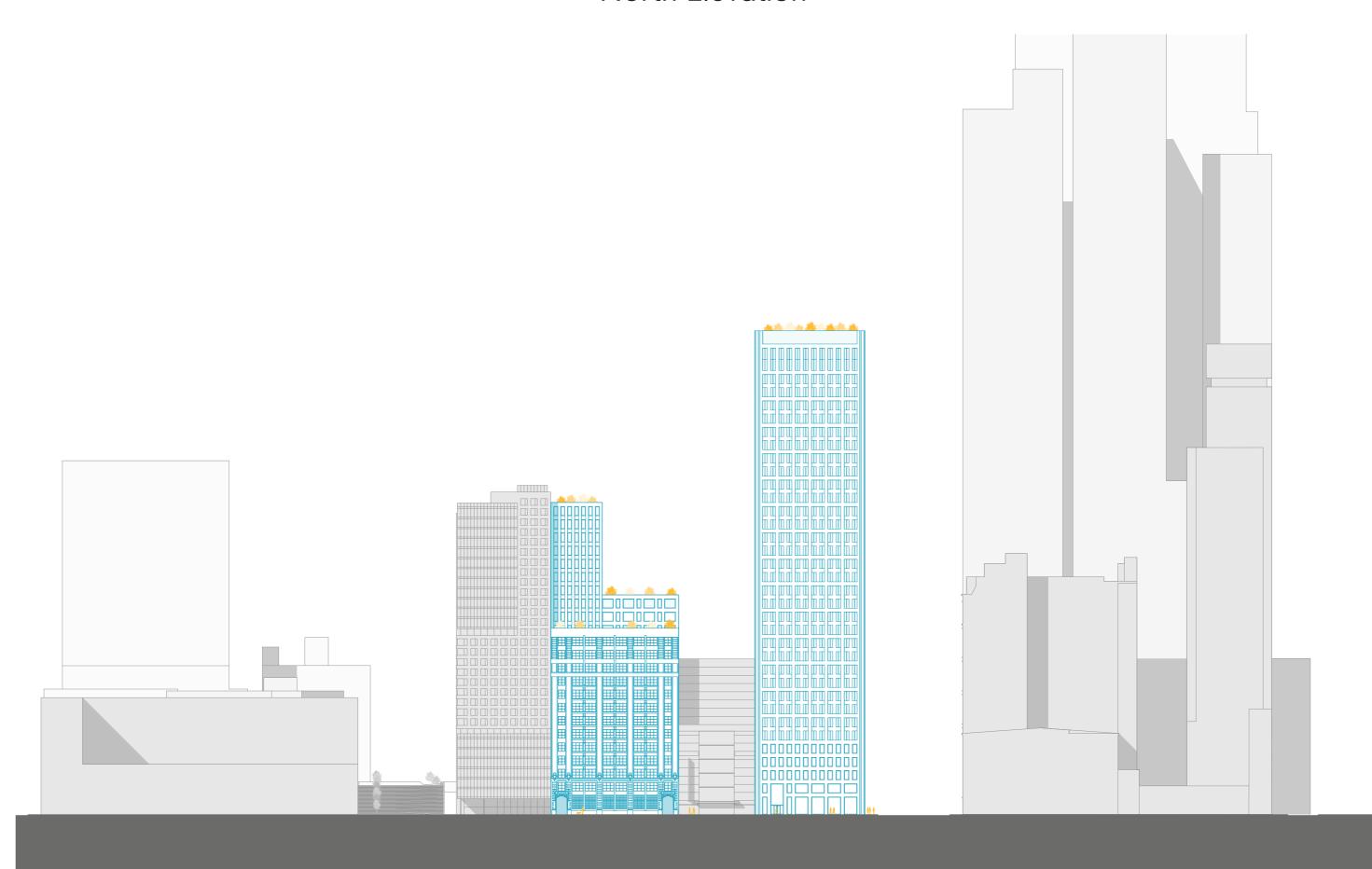
West Elevation



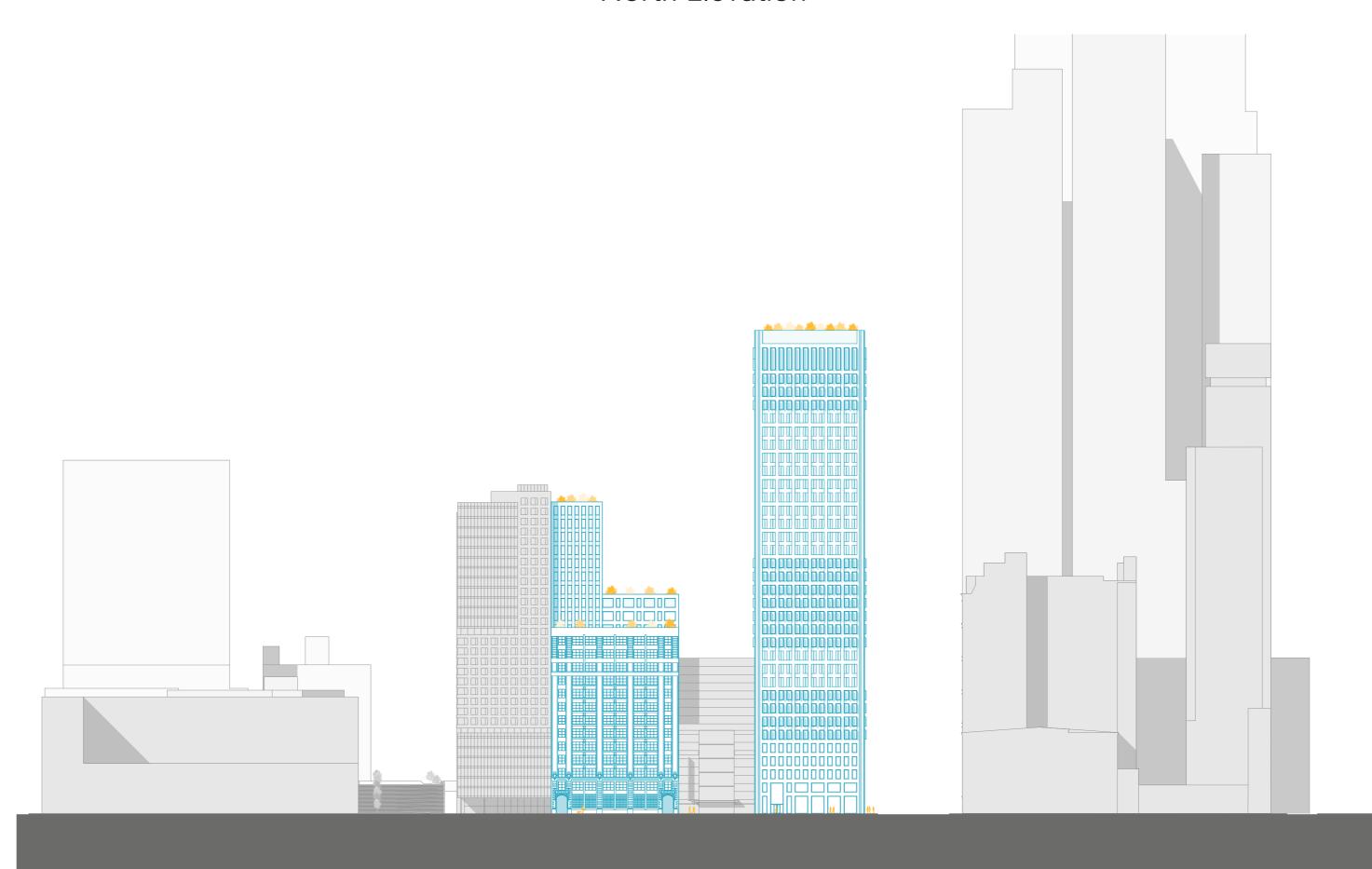
West Elevation



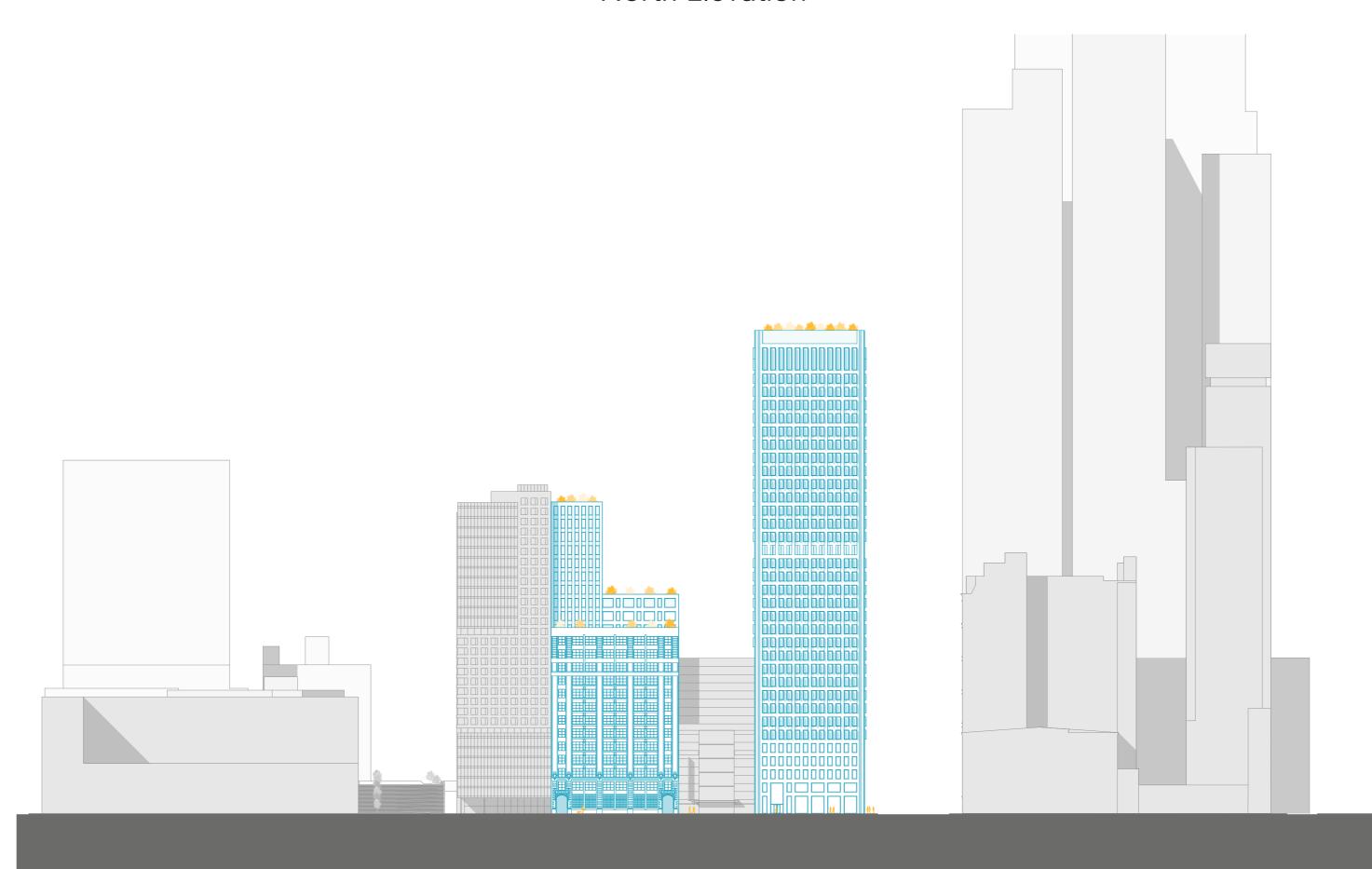
North Elevation



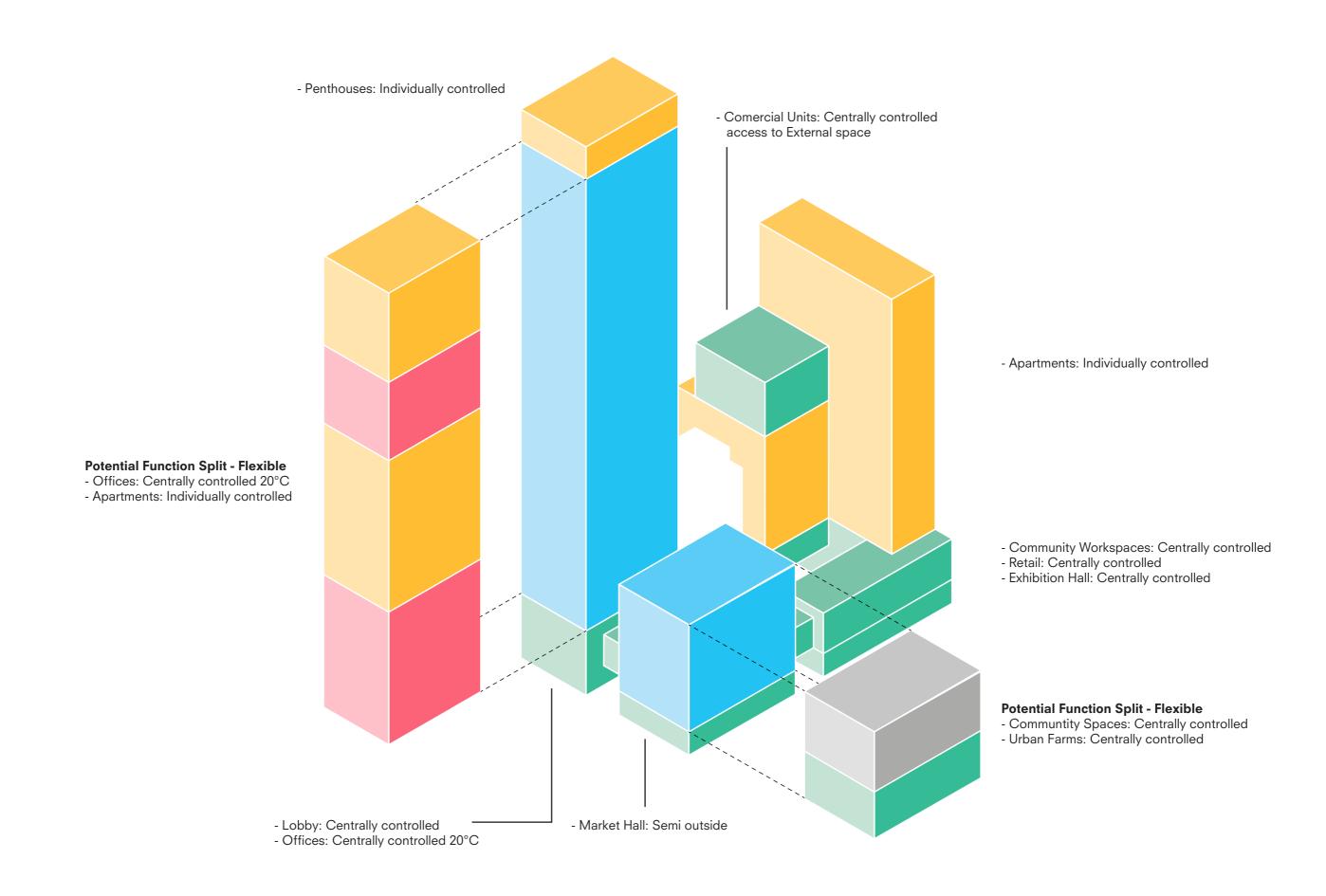
North Elevation



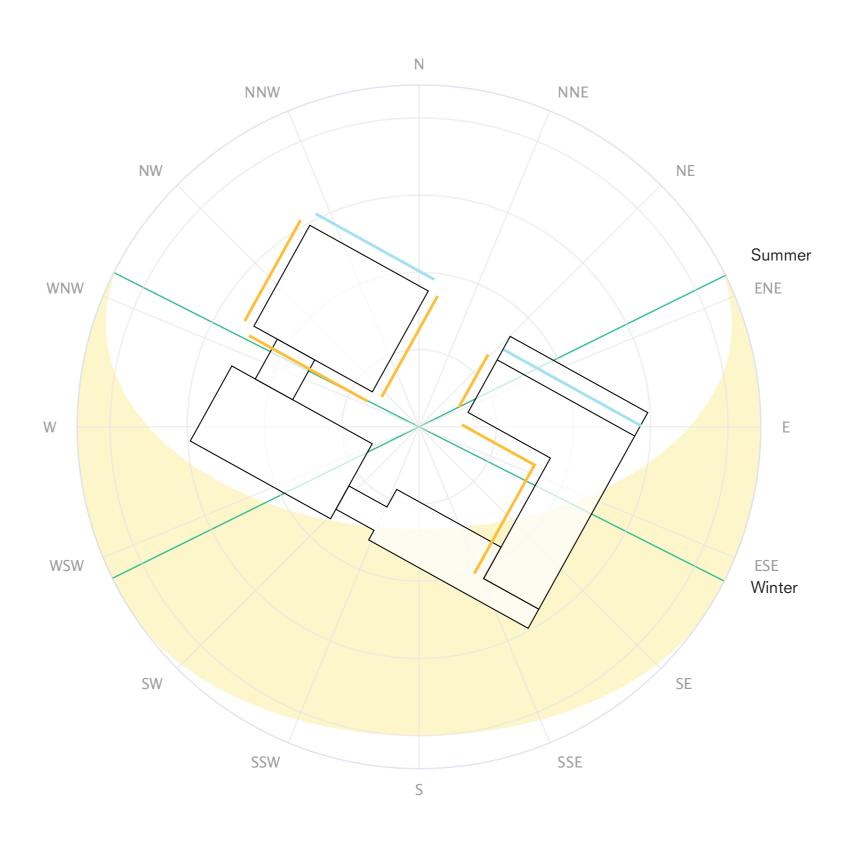
North Elevation



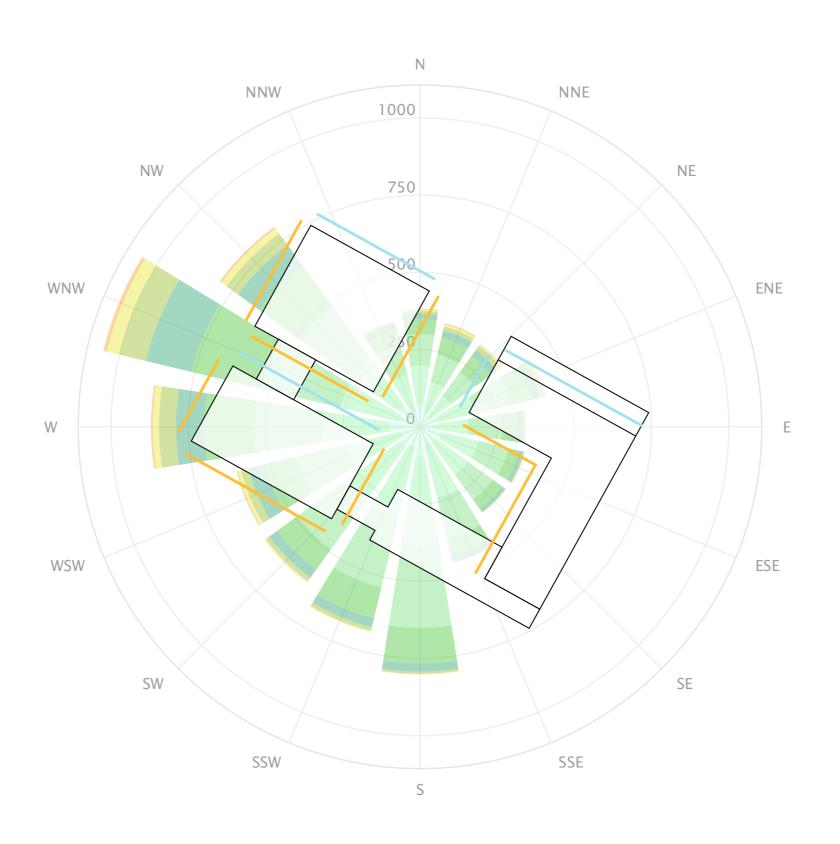
Energy Concept



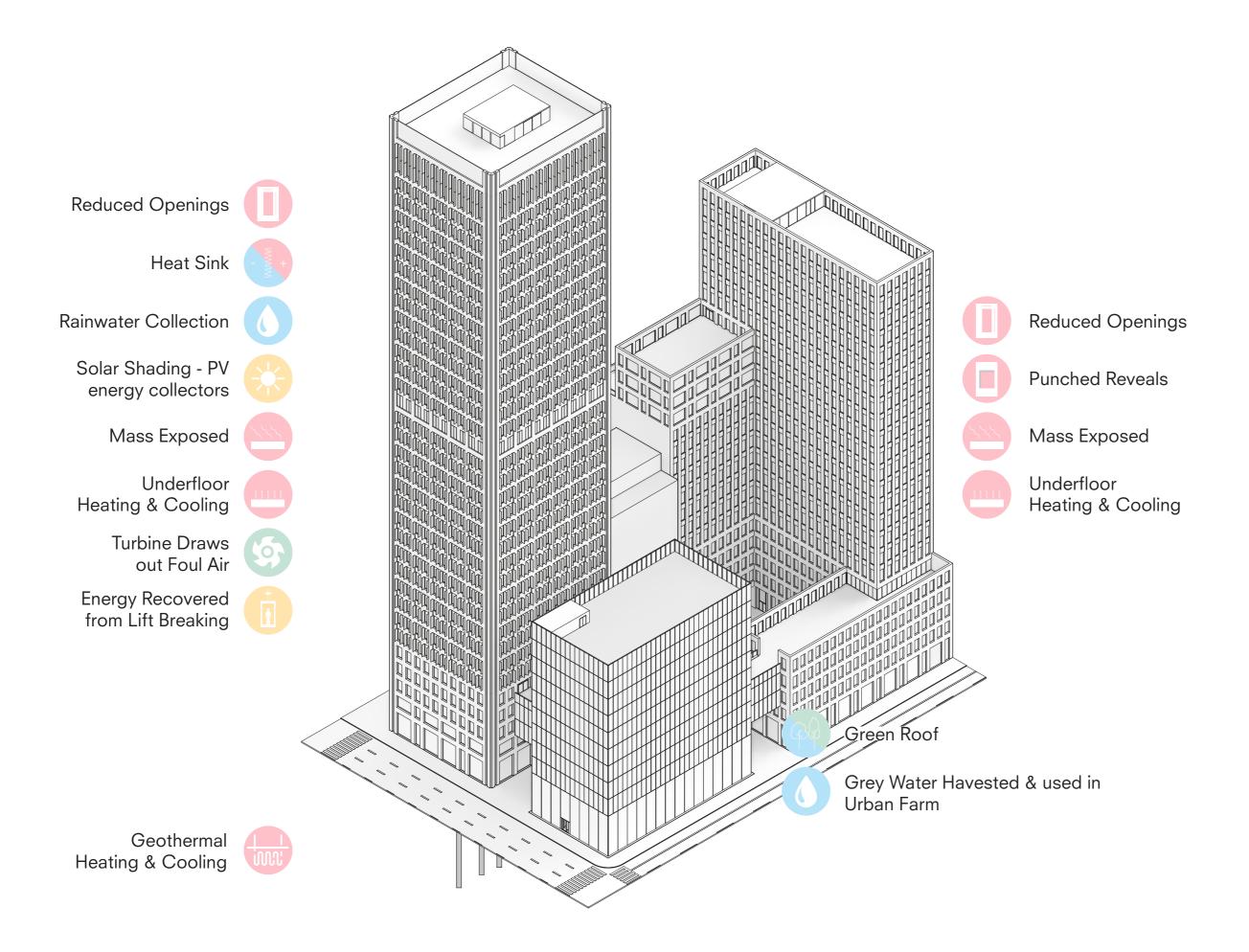
Sun Path Diagram



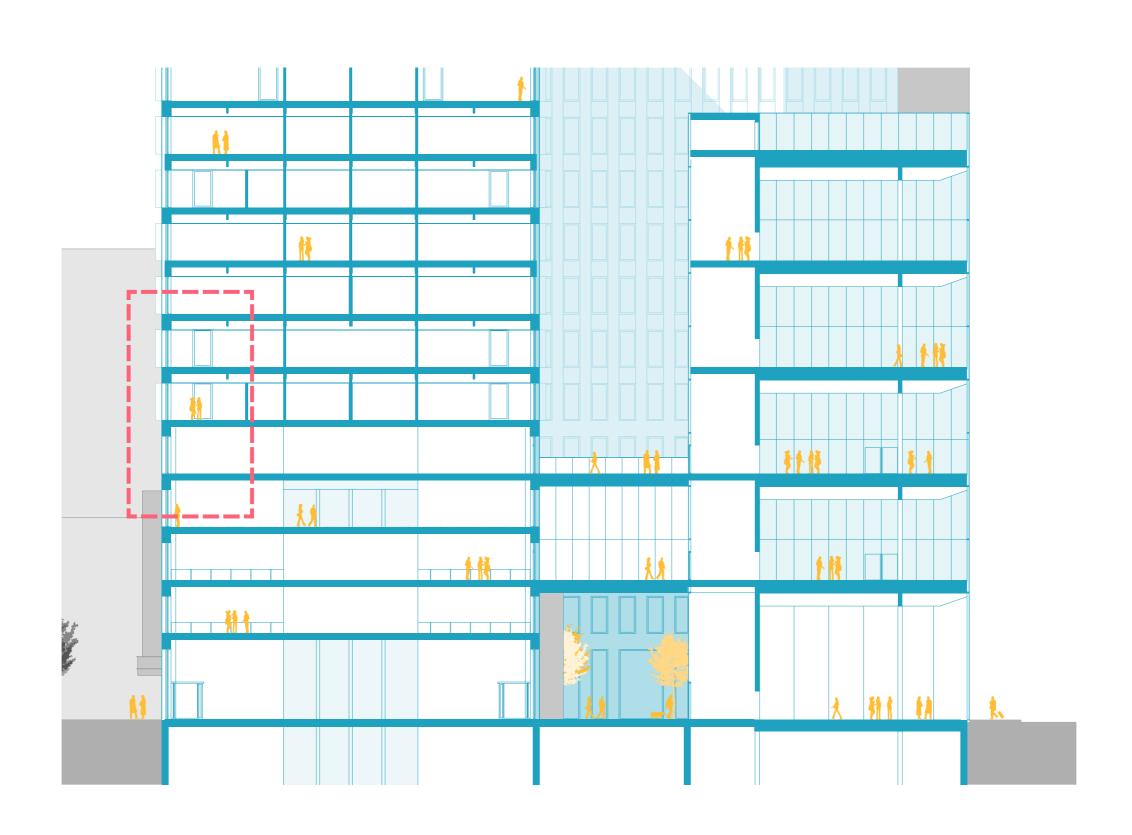
Wind Rose Diagram

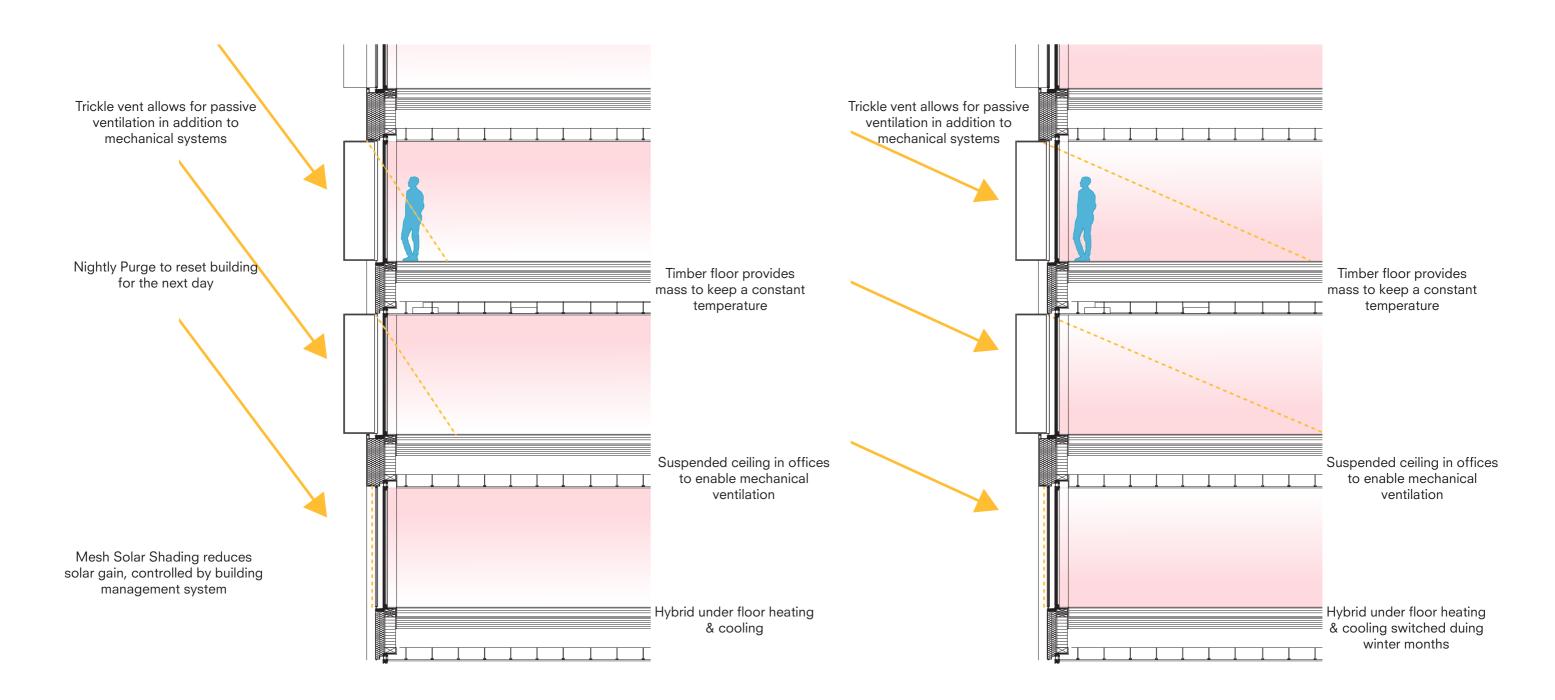


Climate Concept



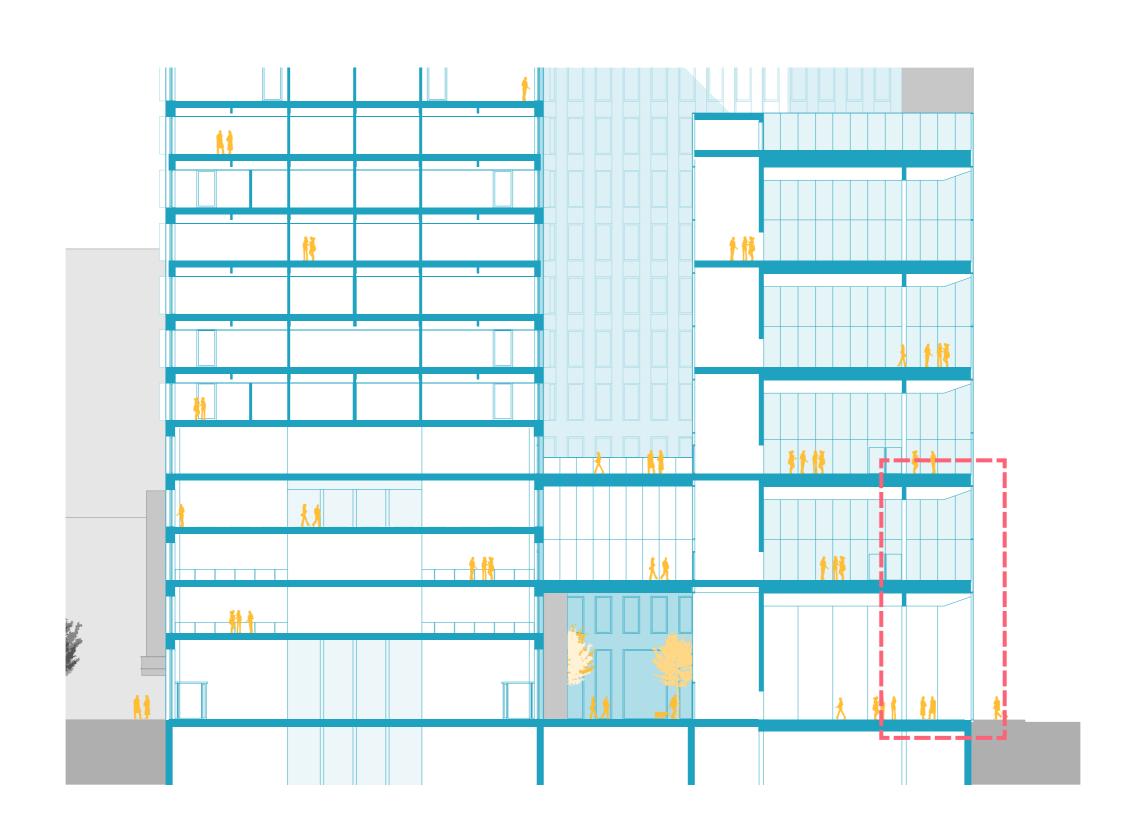
Climate Integration

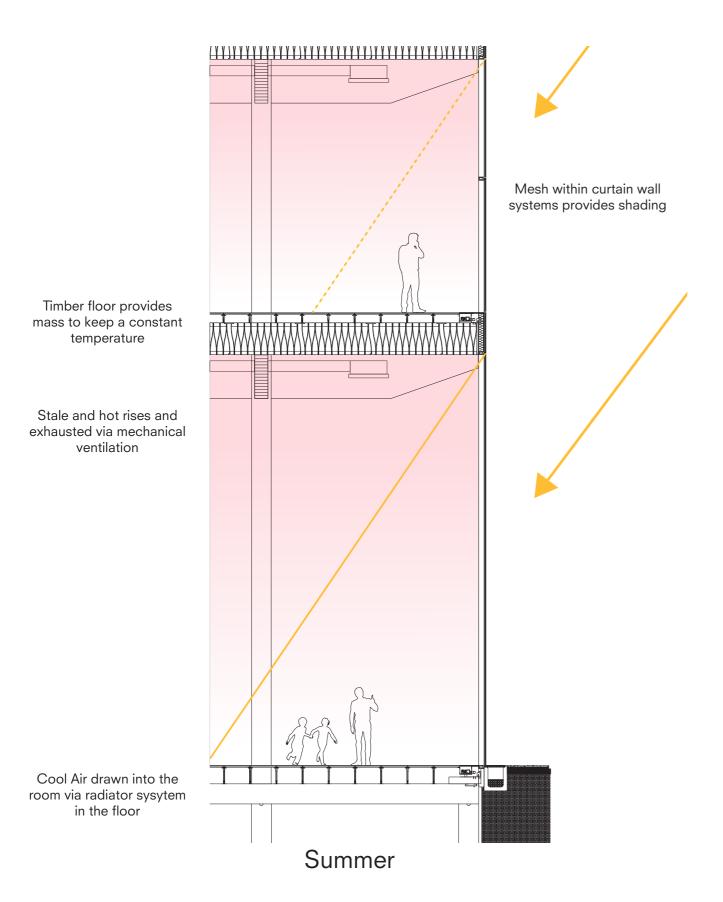




Summer Winter

Climate Integration





Reduction in UV blocking within the glass allows additional heat to enter Winter

Stale and exhausted via mechanical ventilation

System switches, providing radiant heating in the winter months

CONCLUSION

Overall Ambitions



Contribute Towards
Improving the Quality of the
Public Realm in the City



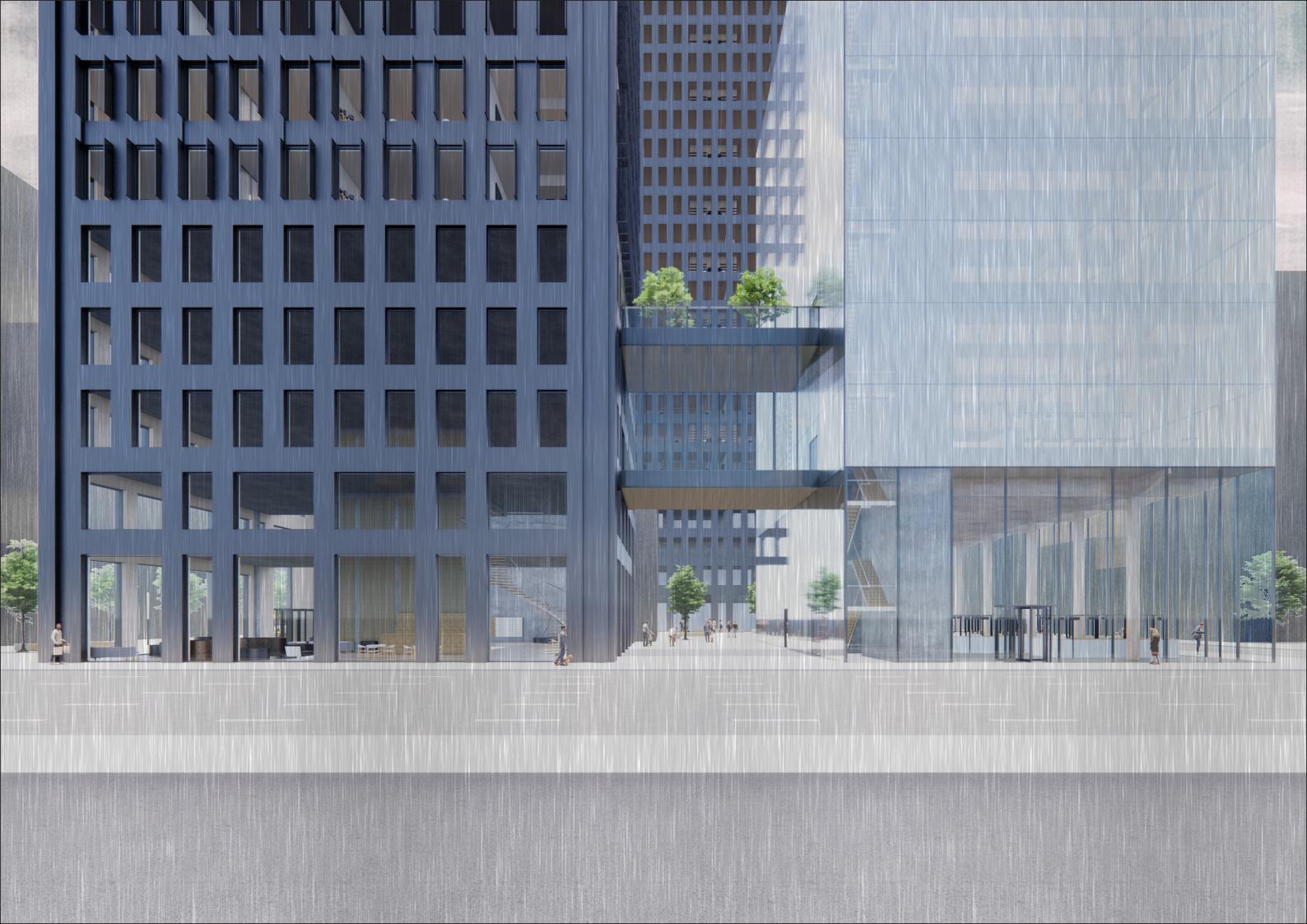
Create an Open and Inclusive Environment that Fosters Dialogue



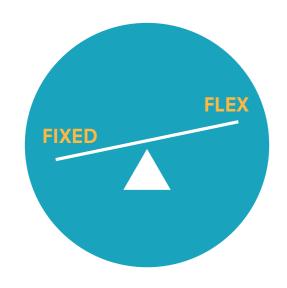
Ability to React to Market Changes



Standardised Elements to Allow for User Flexibility



Reflections



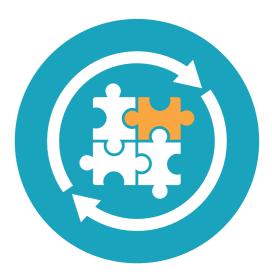
Where does the Flexibility
Start and Finish



Elements of Program may Become Frozen due to Leases



The Building does Facilitate
Symbiotic Relationships
Between Users



Allows for Long-term Sustainability due to the Adaptable Program

