

Kamila Igambergenova

Selected Works

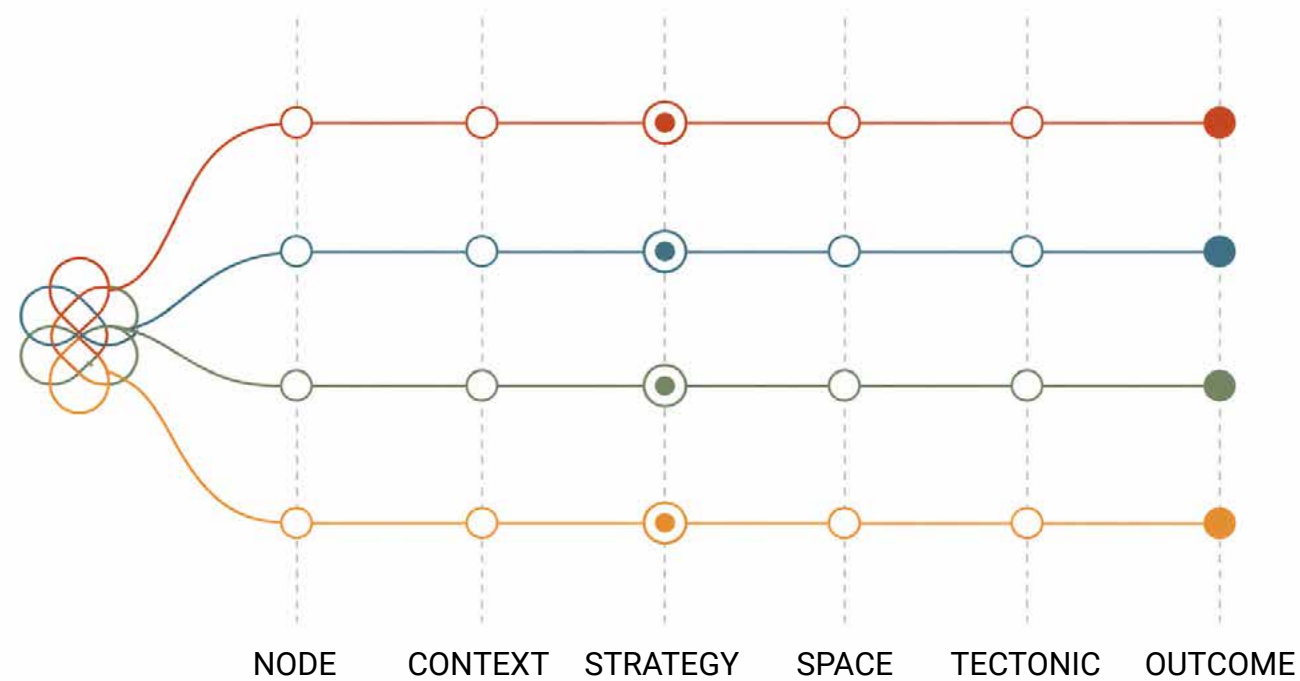
Architecture Design Portfolio

Untangling spatial, social, and urban knots



Architecture as Connection

Each project in this portfolio starts with a knot: a spatial, social, or urban condition that requires architectural response. By tracing one strand at a time through context, strategy, space, and tectonic development, the portfolio shows how architecture can transform disconnection into shared form and use.



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01 Community Room



Thesis

A simple communal pavilion transforms the lack of shared public space into an open, shaded room for gathering, learning, and everyday use.

Major Node

Absence of shared public space

Response

A simple roofed enclosure with porous brick walls, pivoting elements, built-in seating, and cross-directional circulation transforms a missing public anchor into an open and climatically responsive communal room.



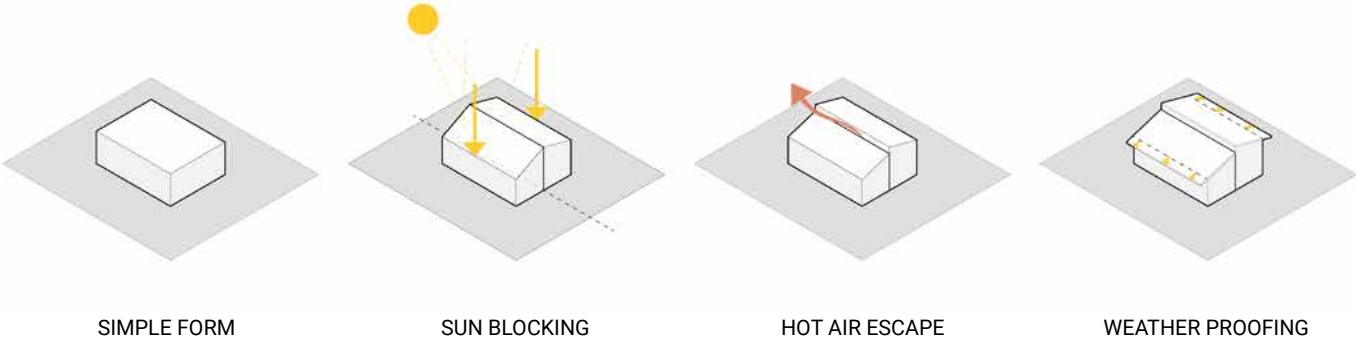
SITE PLAN



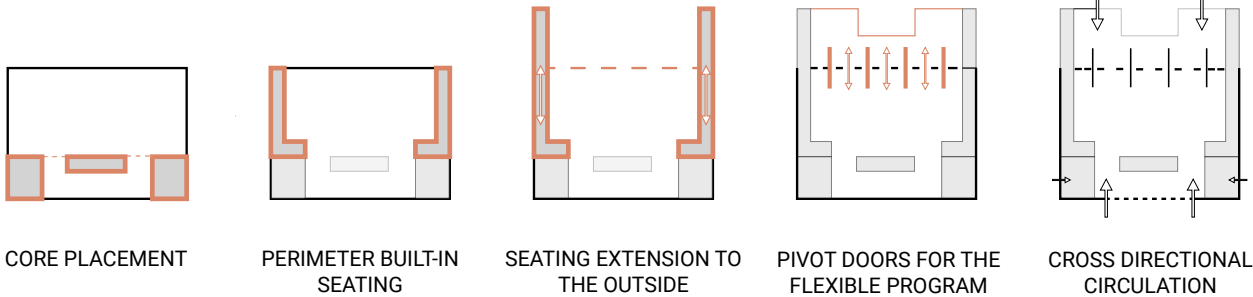
SITE CONDITIONS



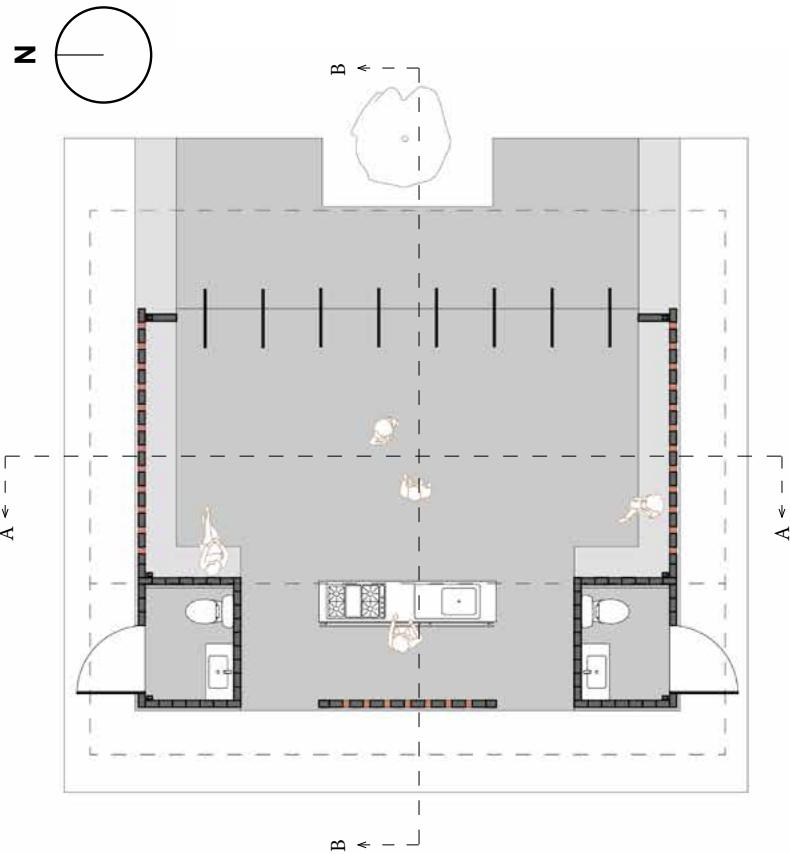
FORM STRATEGIES



ORGANIZATIONAL STRATEGIES



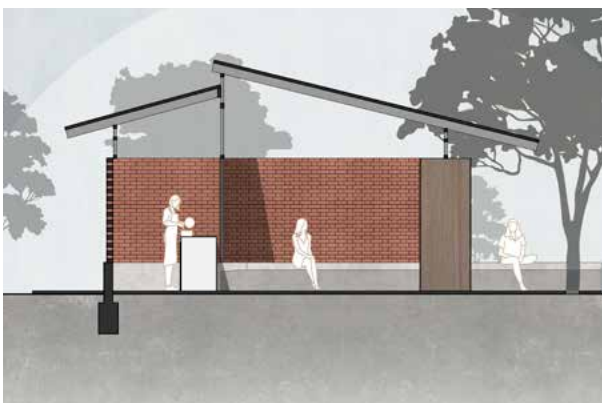
FLOOR PLAN



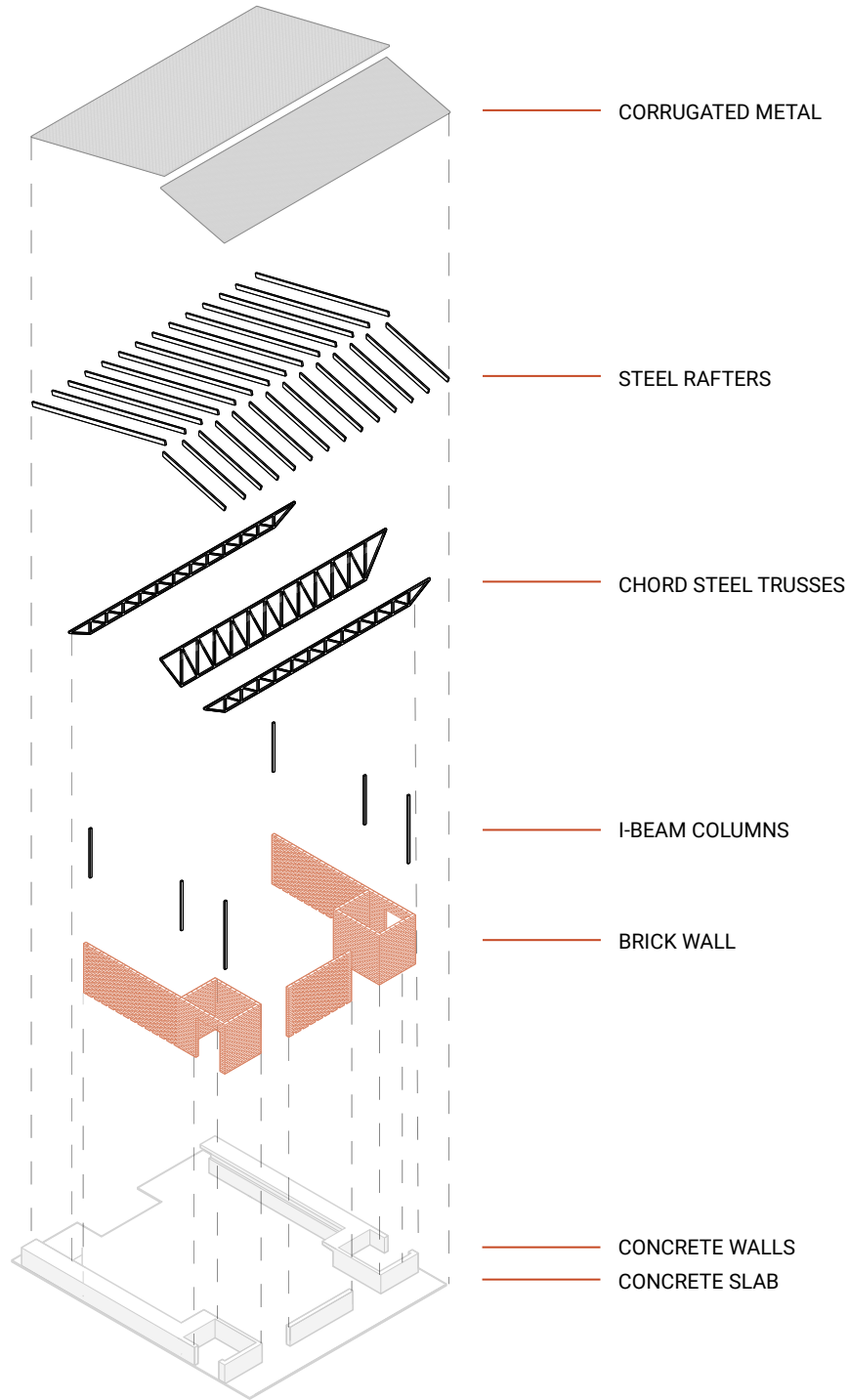
SECTION A-A



SECTION B-B



STRUCTURAL AXONOMETRIC



NORTH ELEVATION



SOUTH ELEVATION



WEST ELEVATION



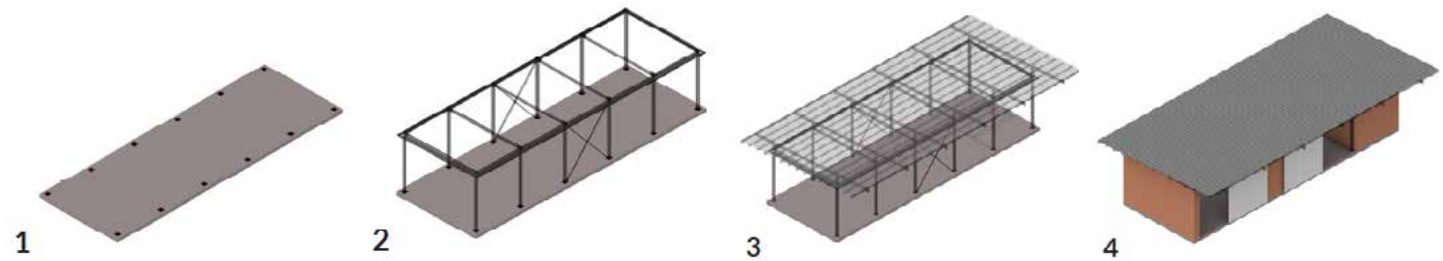
EAST ELEVATION



01 Community Room



ASSEMBLY DIAGRAM



Phase 01 presents the competition-winning proposal; Phase 02 follows a different scheme selected for further development.



Route: where we lived, where we fabricated, where we built

WE LIVED

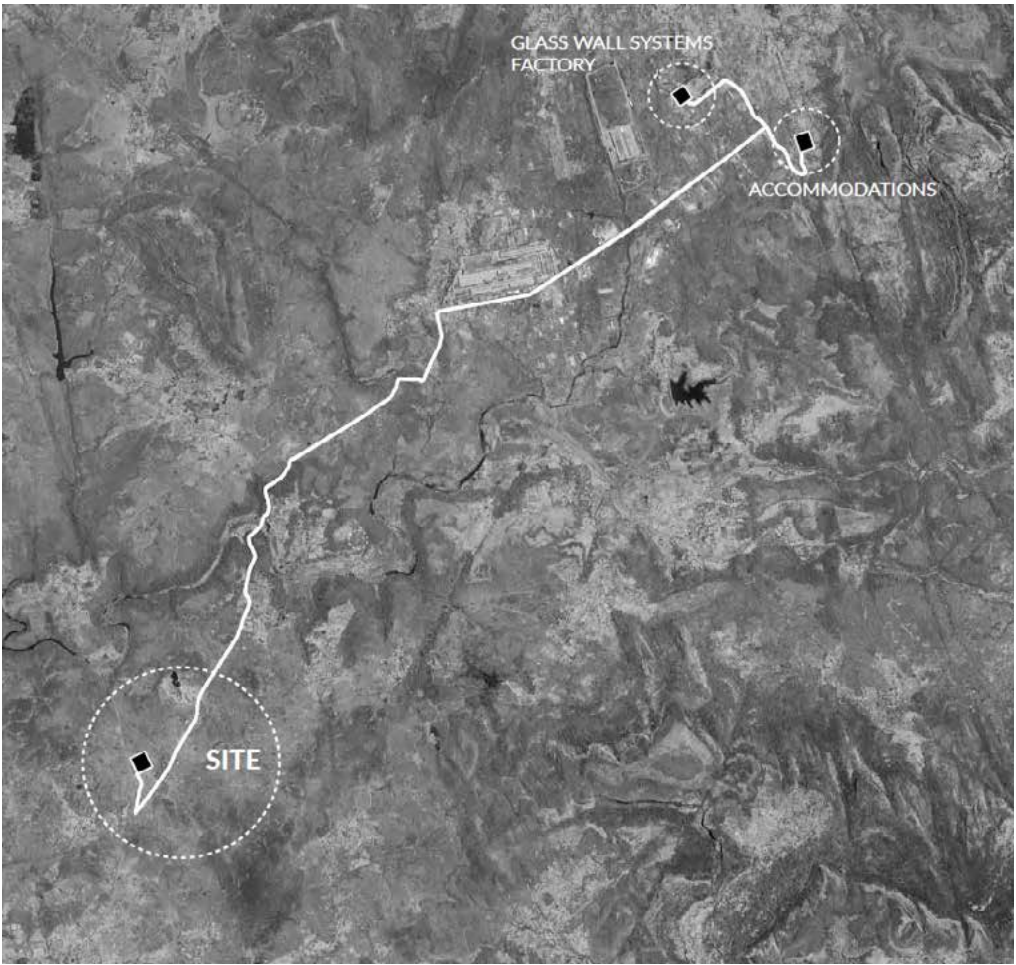
We began each morning by following this route. First from the rooms where we stayed, then to the Glass Wall Systems factory for coordination and fabrication, and finally to the site at the village edge.

WE FABRICATED

The line is simple on the map, yet it connects everything that mattered. It links the people who hosted us, the craft that supported us, and the ground that received the work.

WE BUILT

The route set the rhythm of the project. Materials came from nearby sources. Details followed the tools and skills on hand. Schedule, weather, and transport shaped the pace of our work.

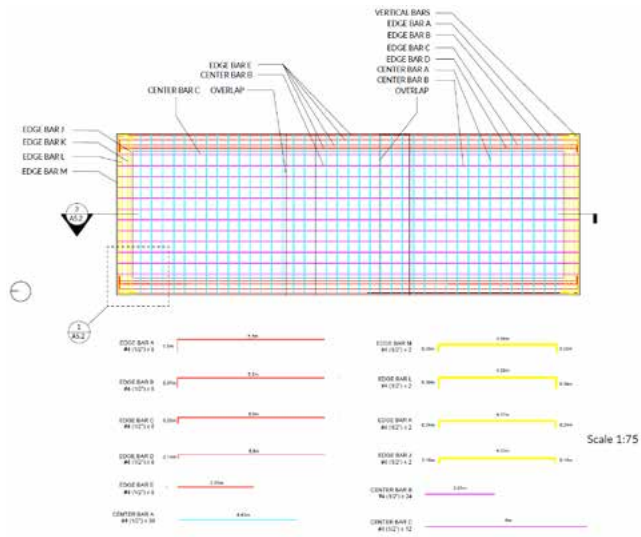


SITE PLAN

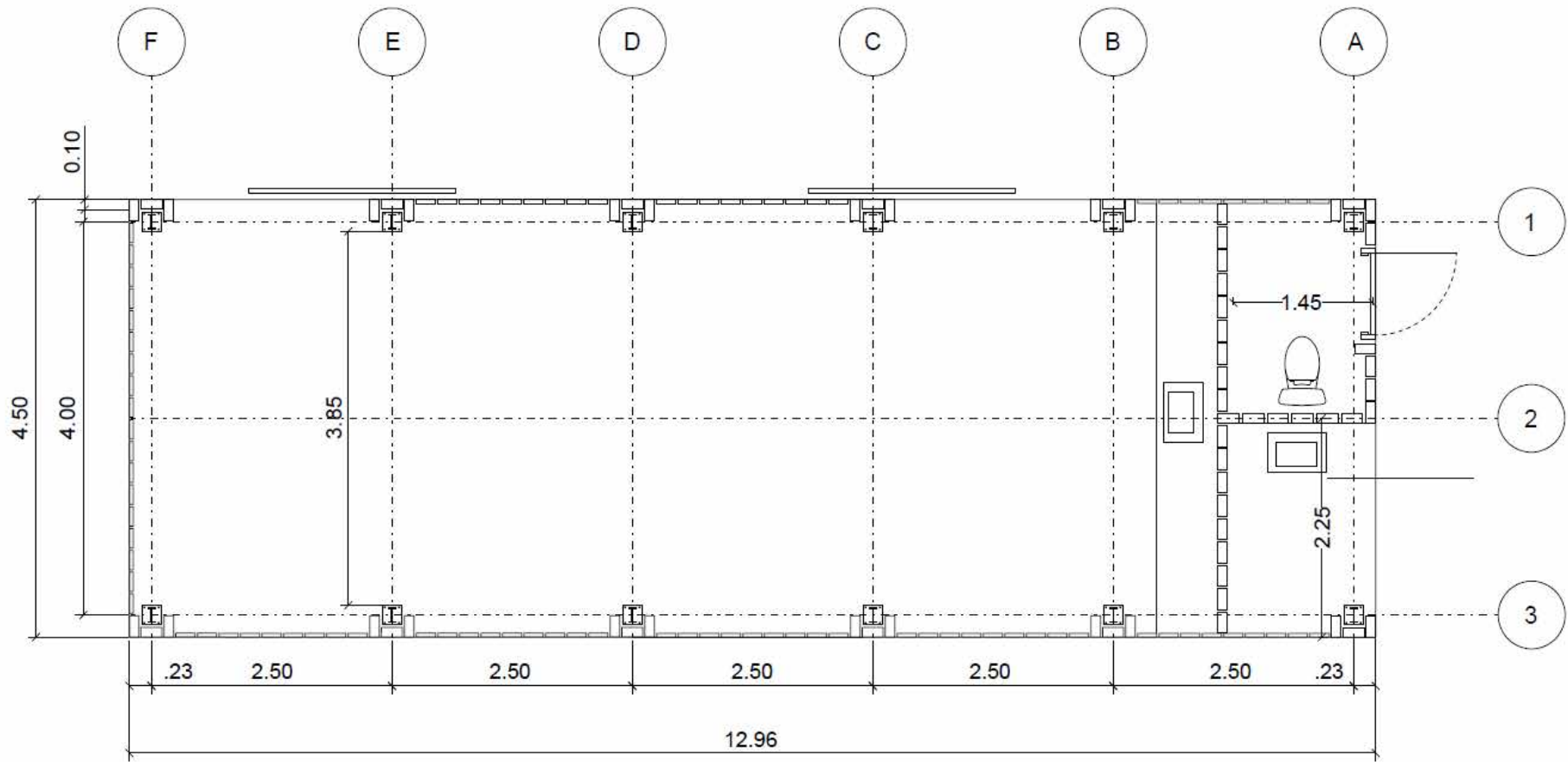




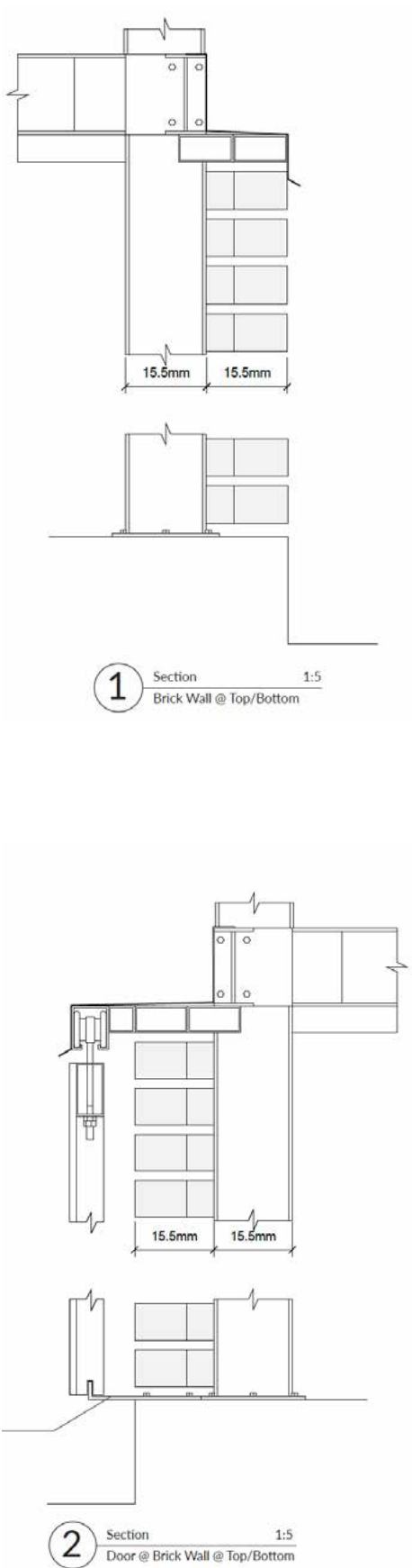
STRUCTURAL DETAILS



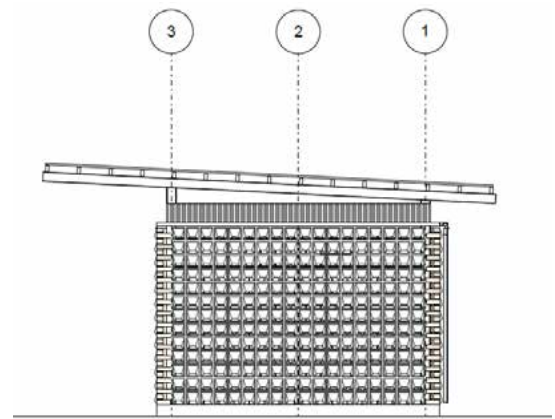
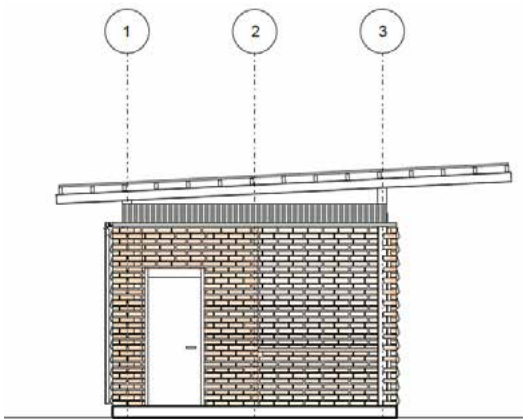
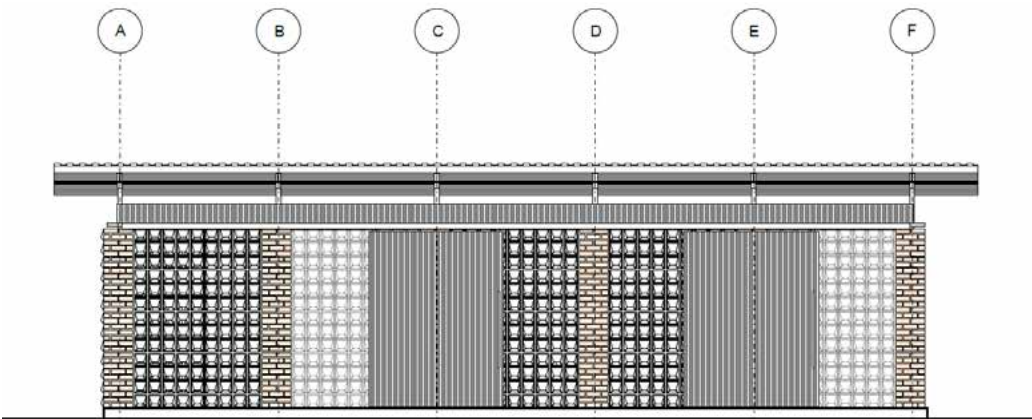
FLOOR PLAN



DOOR DETAILS



ELEVATIONS



01 Community Room



The final phase documents how the project was adjusted to a new site and realized through on-site construction.



Site reset and layout

May 20 - 22



The new site was measured, squared, and re-established before construction began.

Footings and sub-bases

May 25 - June 1



Excavation, gravel, and concrete footings established the new structural base.

Retaining walls and infill walls

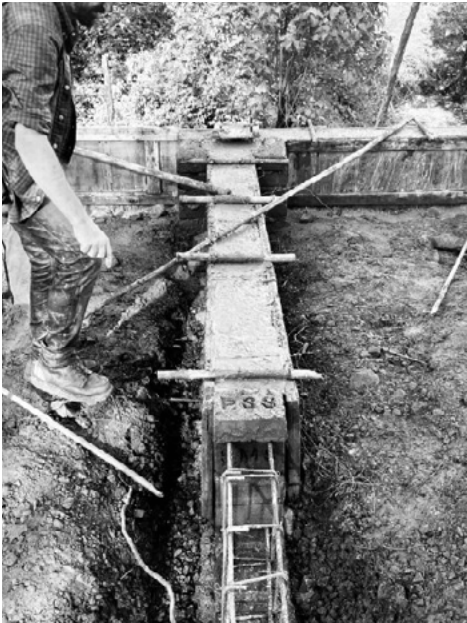
May 30 - June 7



Brick retaining and infill walls began to define the enclosure.

Rebar + grade beams

June 11 - 14



Rebar and grade beams tied the foundation together for the next stage of construction.

Brick walls and steel frame

June 24 - 26



Masonry rose as the steel frame established the roof structure.

Roof and final completion

July 1 - 2



Roofing and finish work completed the adapted community room.

02 The Cove

A UNIVERSAL SPACE & URBAN CONNECTOR

THESIS

A continuous public surface reconnects Upper and Lower Wacker, transforming a leftover void into a civic roofscape and a flexible universal space below.

A MAJOR NODE

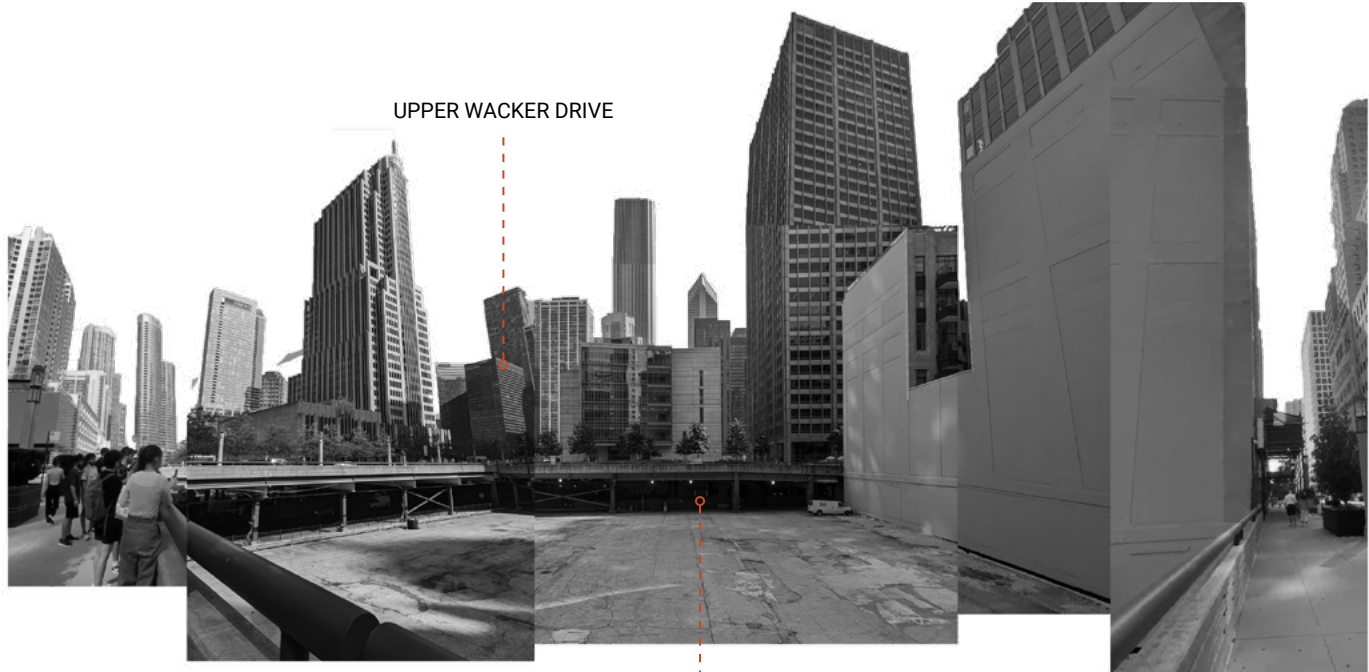
Disconnection between urban levels produces an underused gap, breaks pedestrian continuity, and limits access between adjacent parts of the city.

RESPONSE

The project turns the site into a walkable urban connector, with entrances from multiple levels and an open interior that can accommodate different public uses over time.



SITE CONTEXT



RESIDUAL VOID
discontinuous ground between levels



NODE

CONTEXT

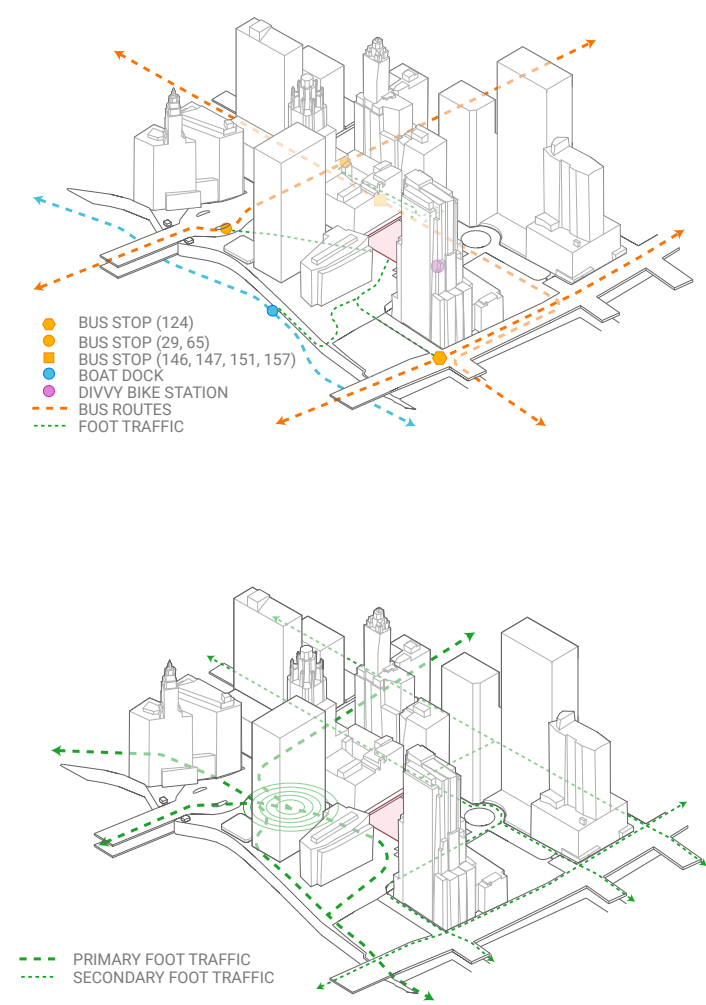
STRATEGY

SPACE

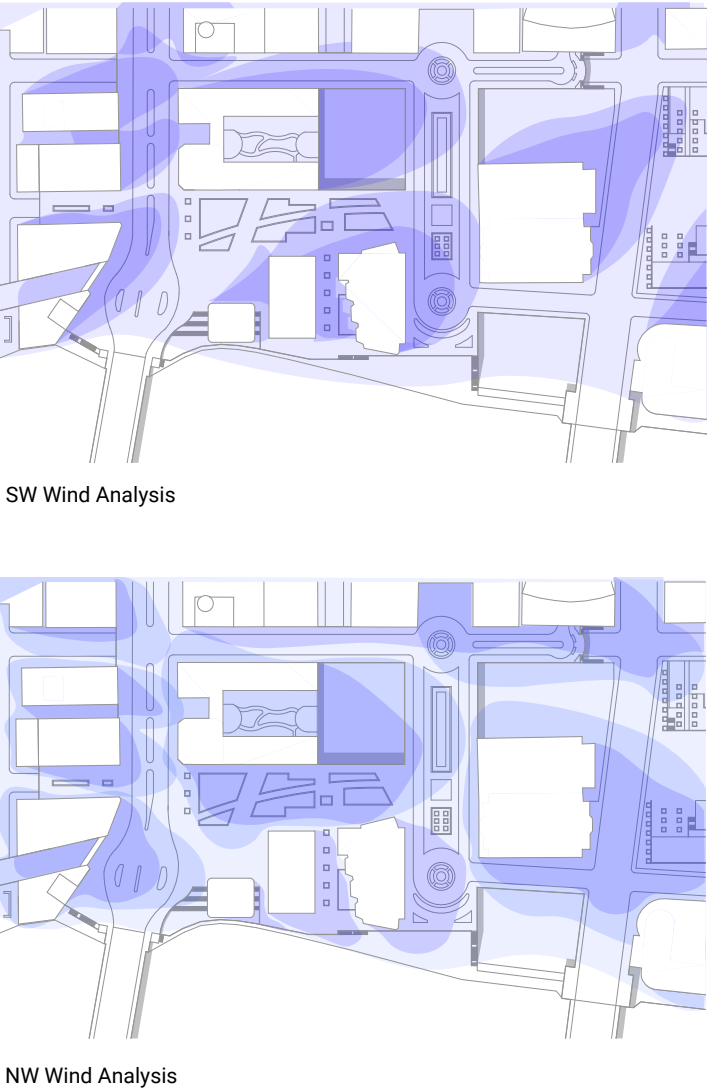
TECTONIC

OUTCOME

CIRCULATION SYSTEMS



WIND ANALYSIS

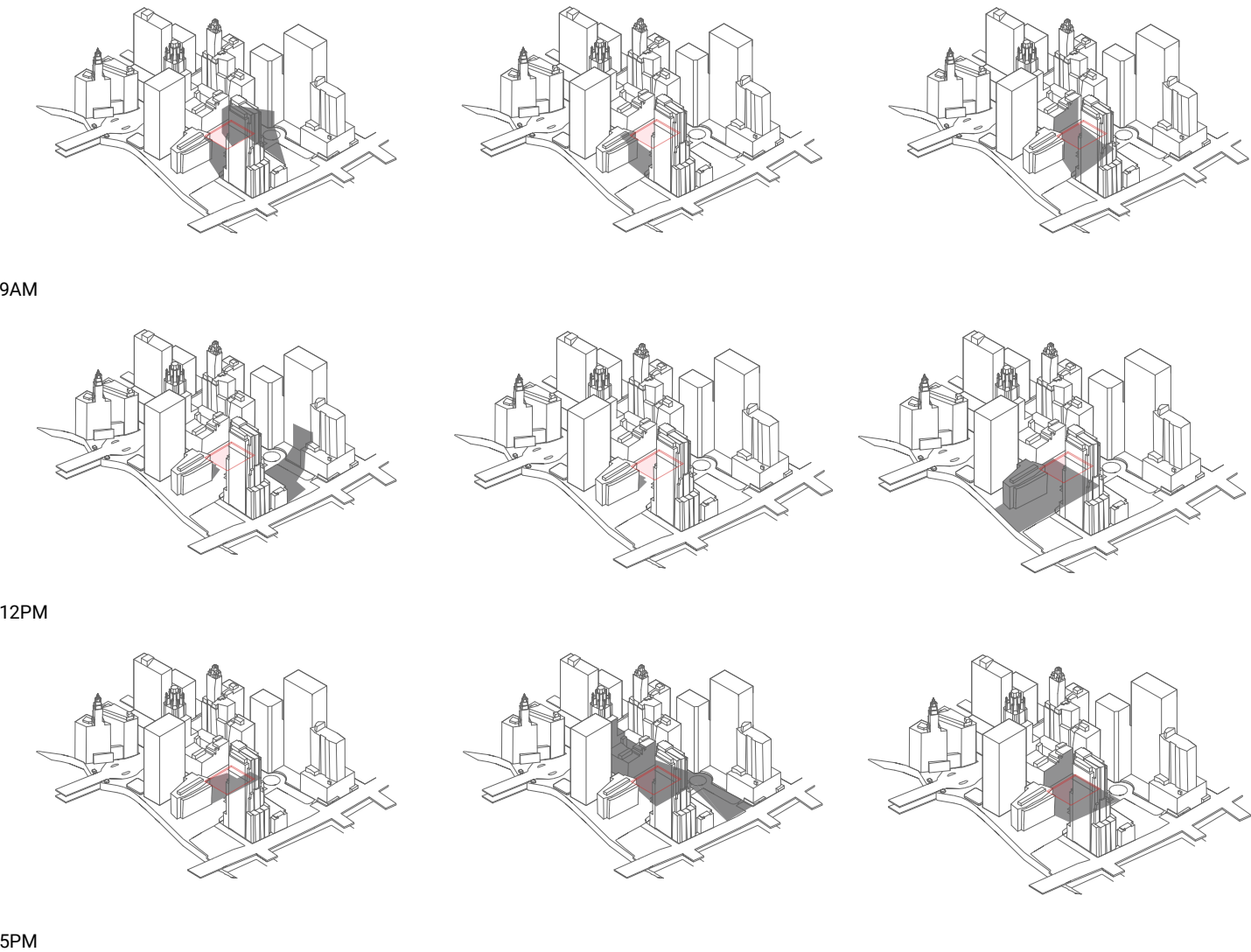


SHADOW ANALYSIS

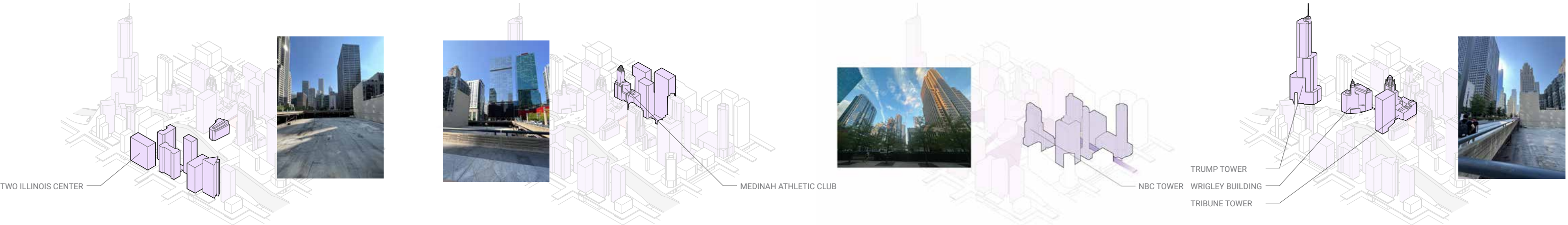
SUMMER

FALL EQUINOX

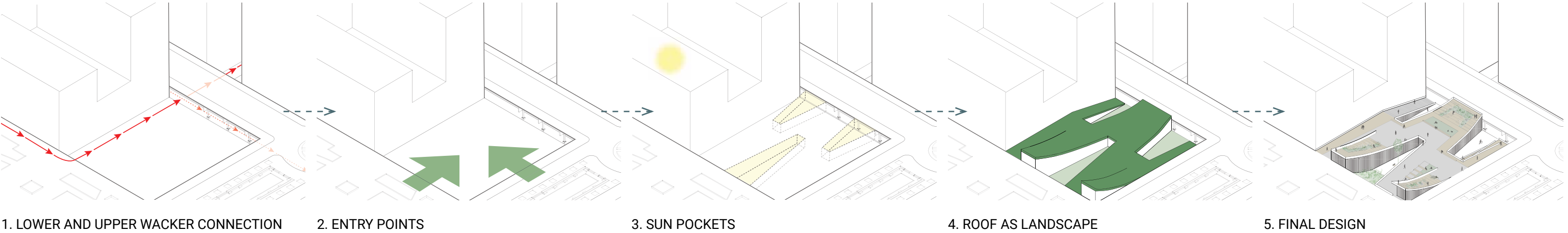
WINTER SOLSTICE



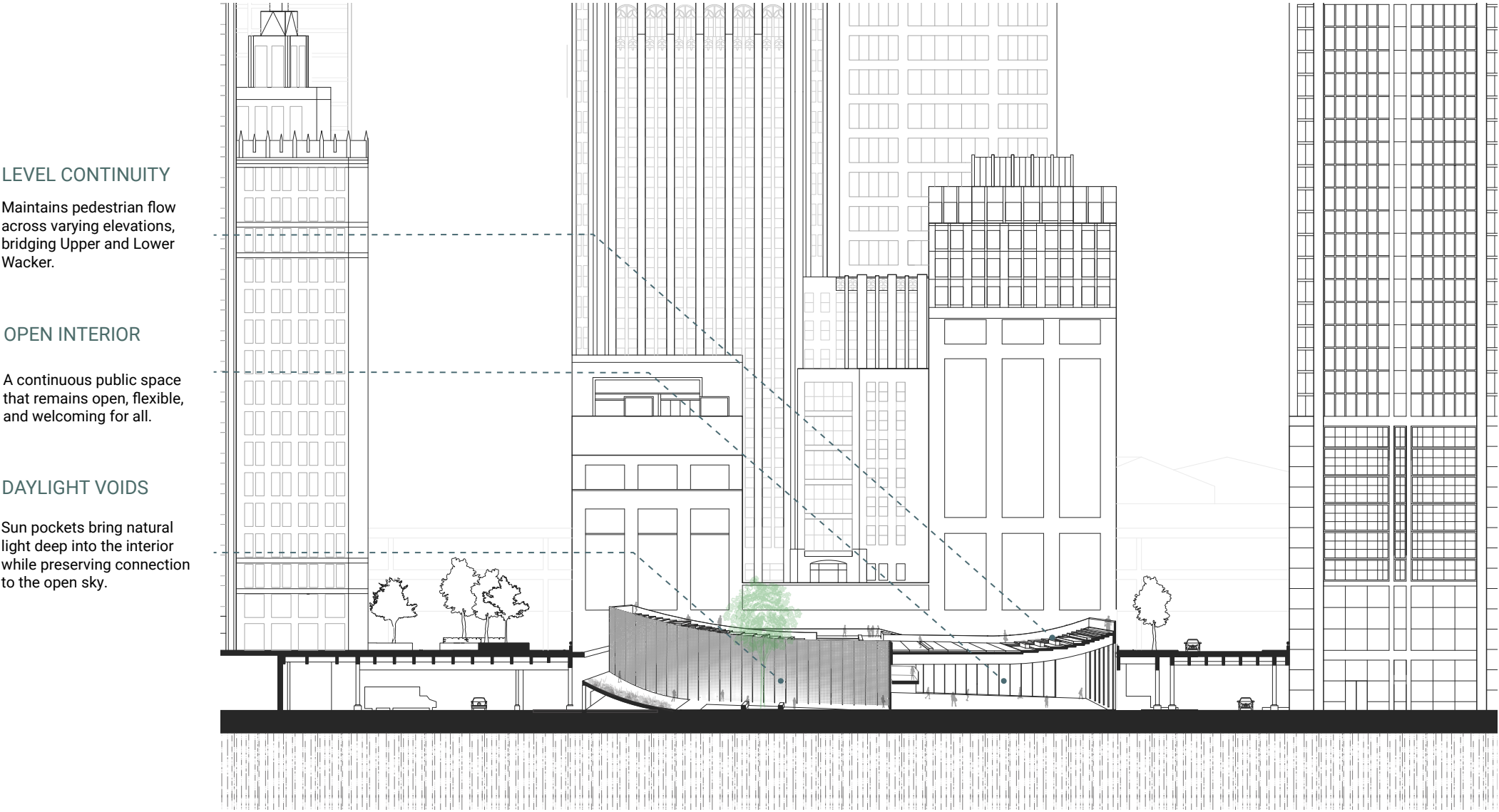
SIGHT LINES TO AND FROM SITE



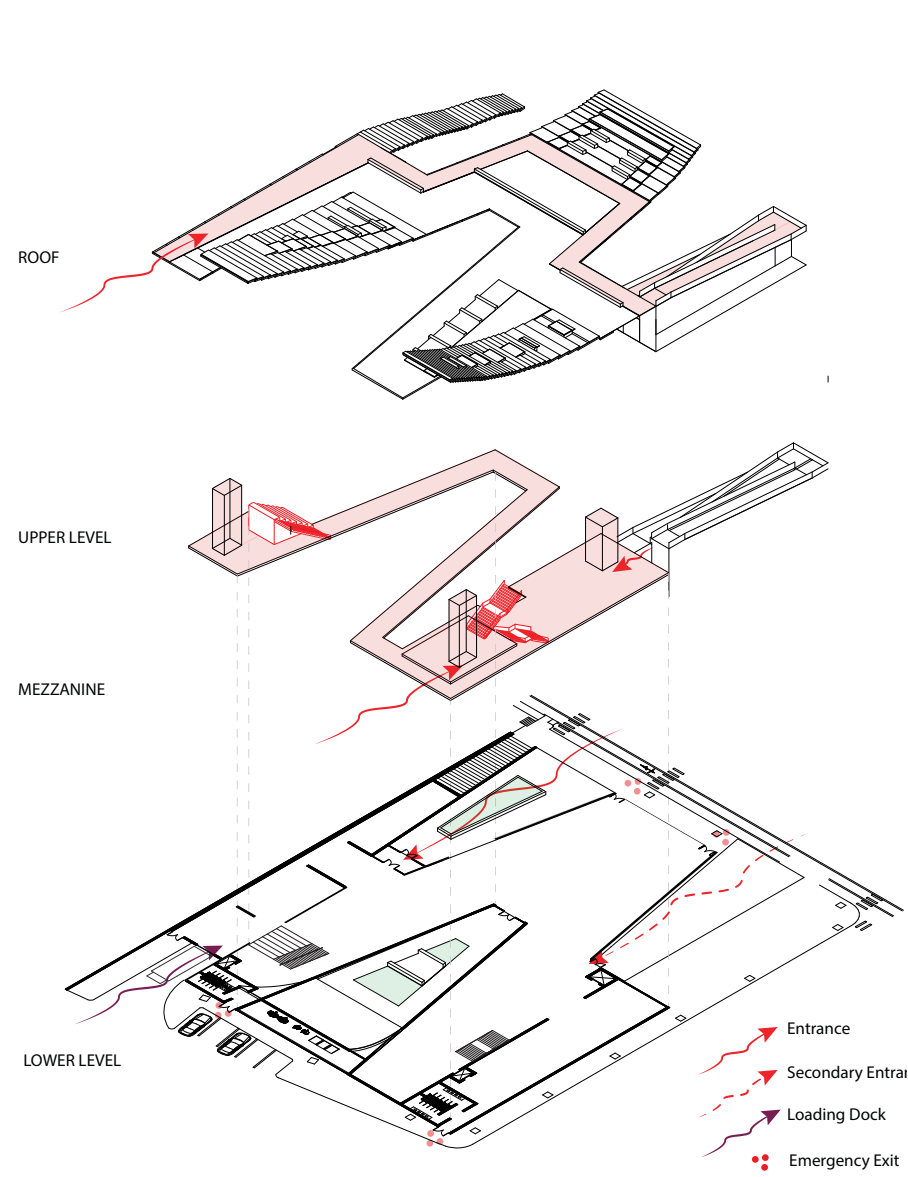
MASSING STRATEGY



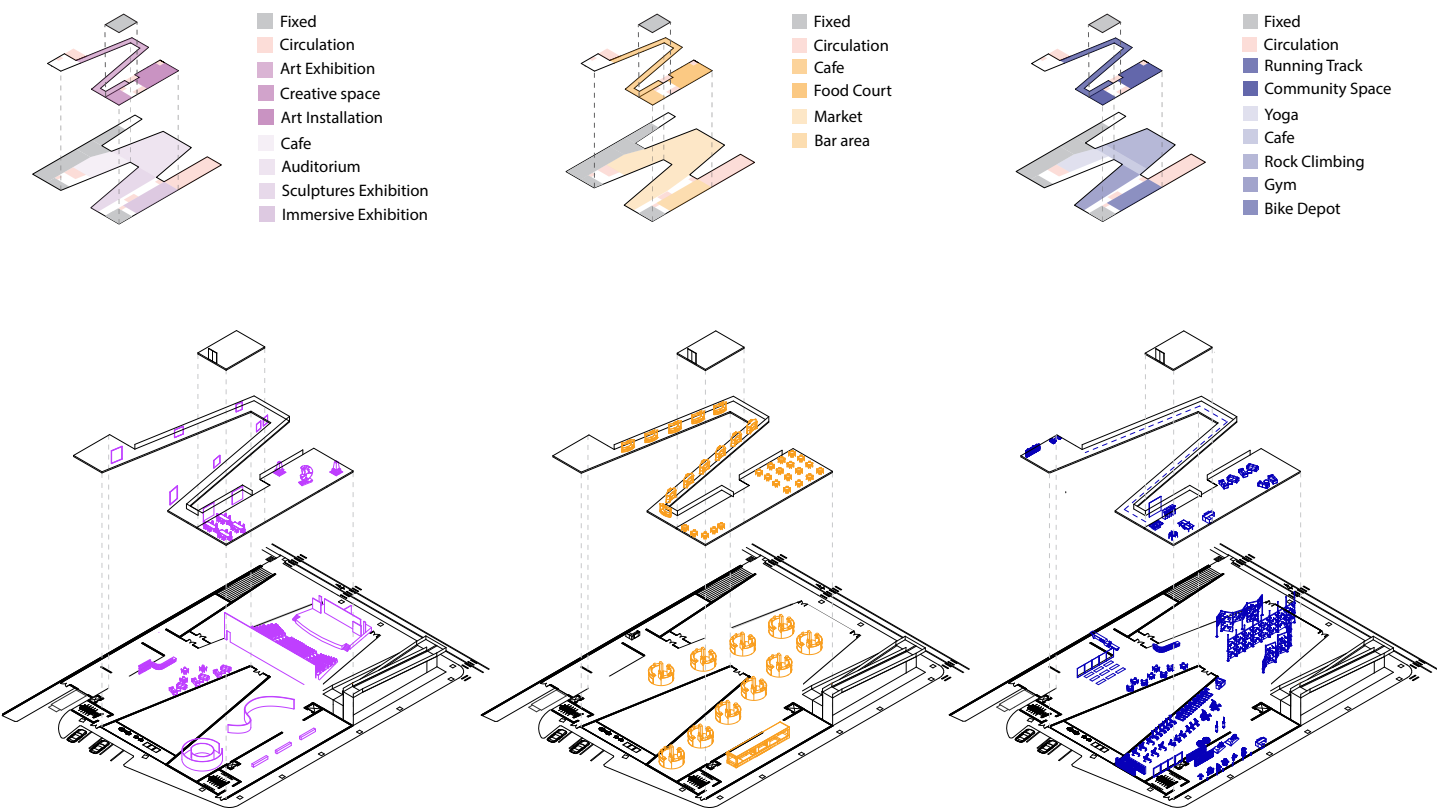
LONGITUDINAL SECTION



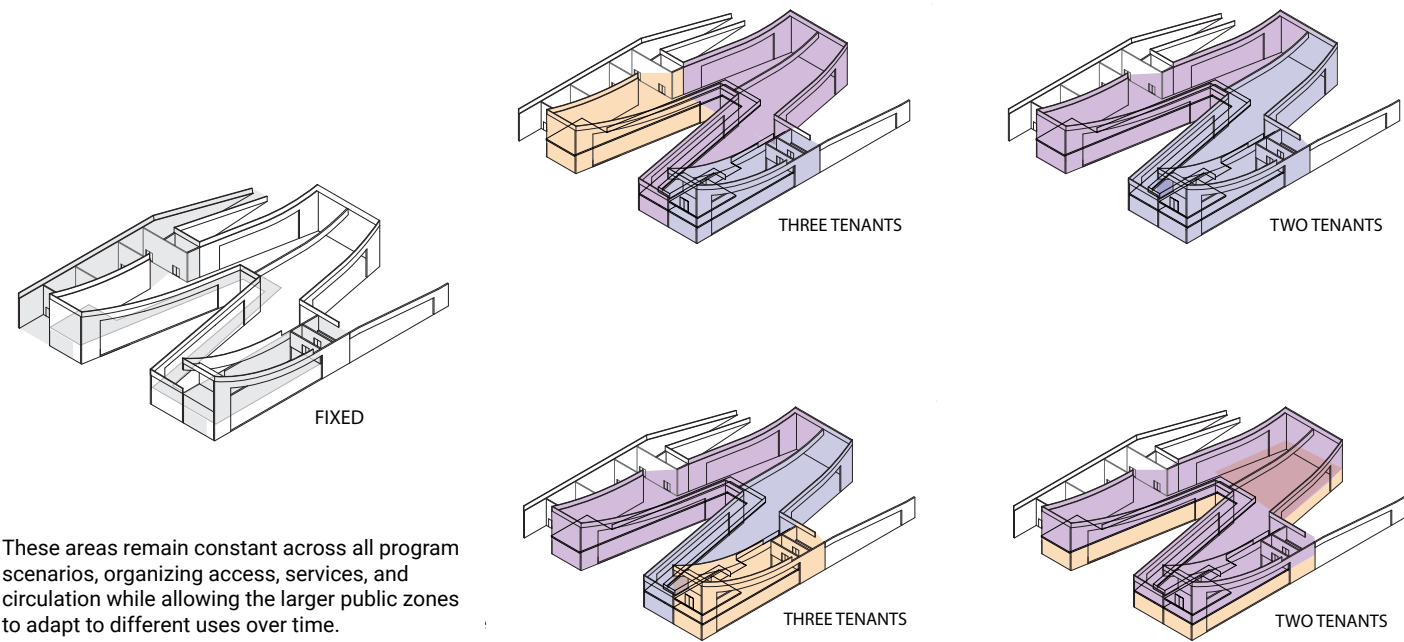
CIRCULATION



PROGRAM ORGANIZATION



TENANTS ORGANIZATION



These areas remain constant across all program scenarios, organizing access, services, and circulation while allowing the larger public zones to adapt to different uses over time.

PROGRAM PROPOSALS

PROPOSAL 1: ART GALLERY

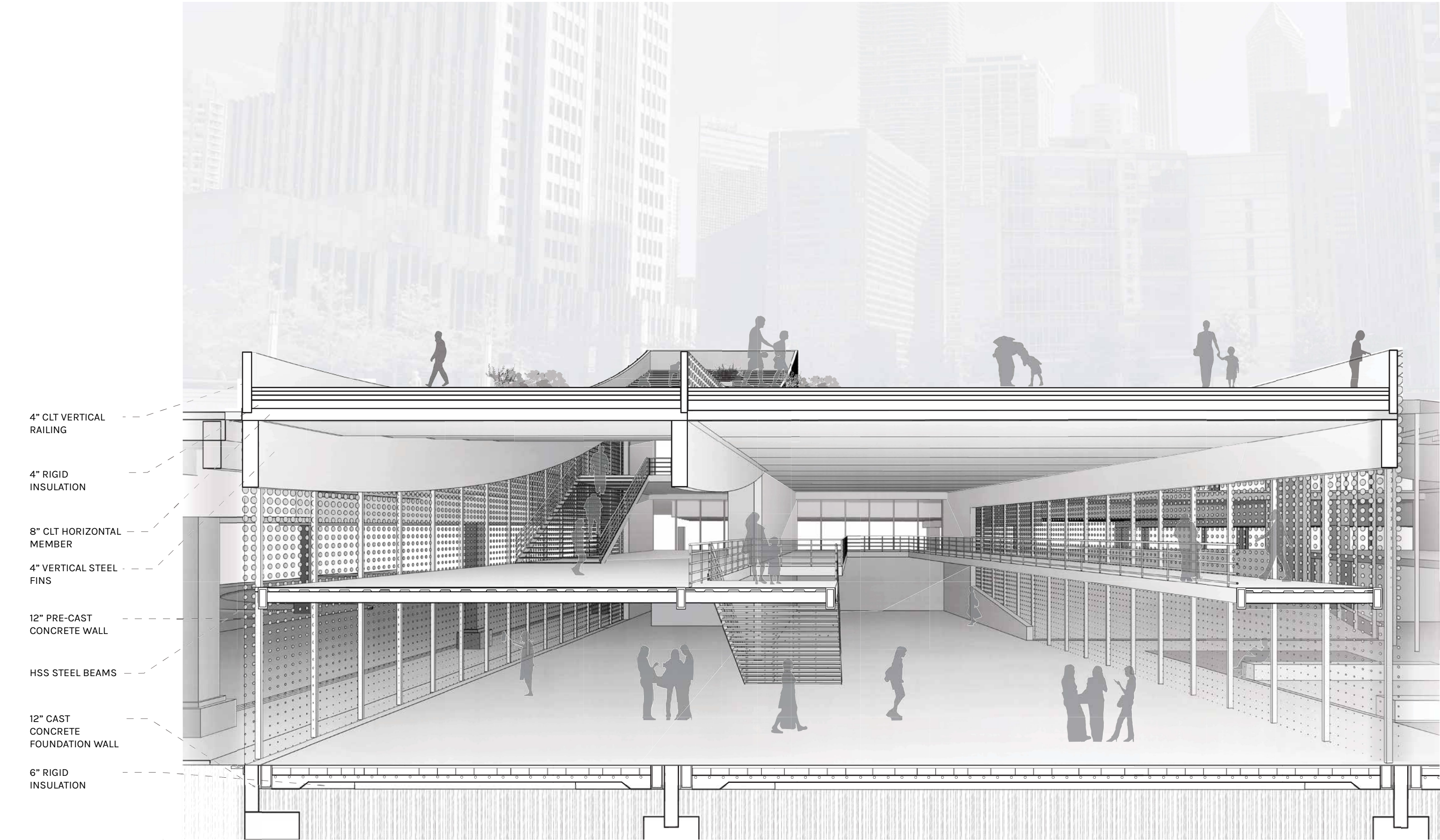


PROPOSAL 2: MARKET



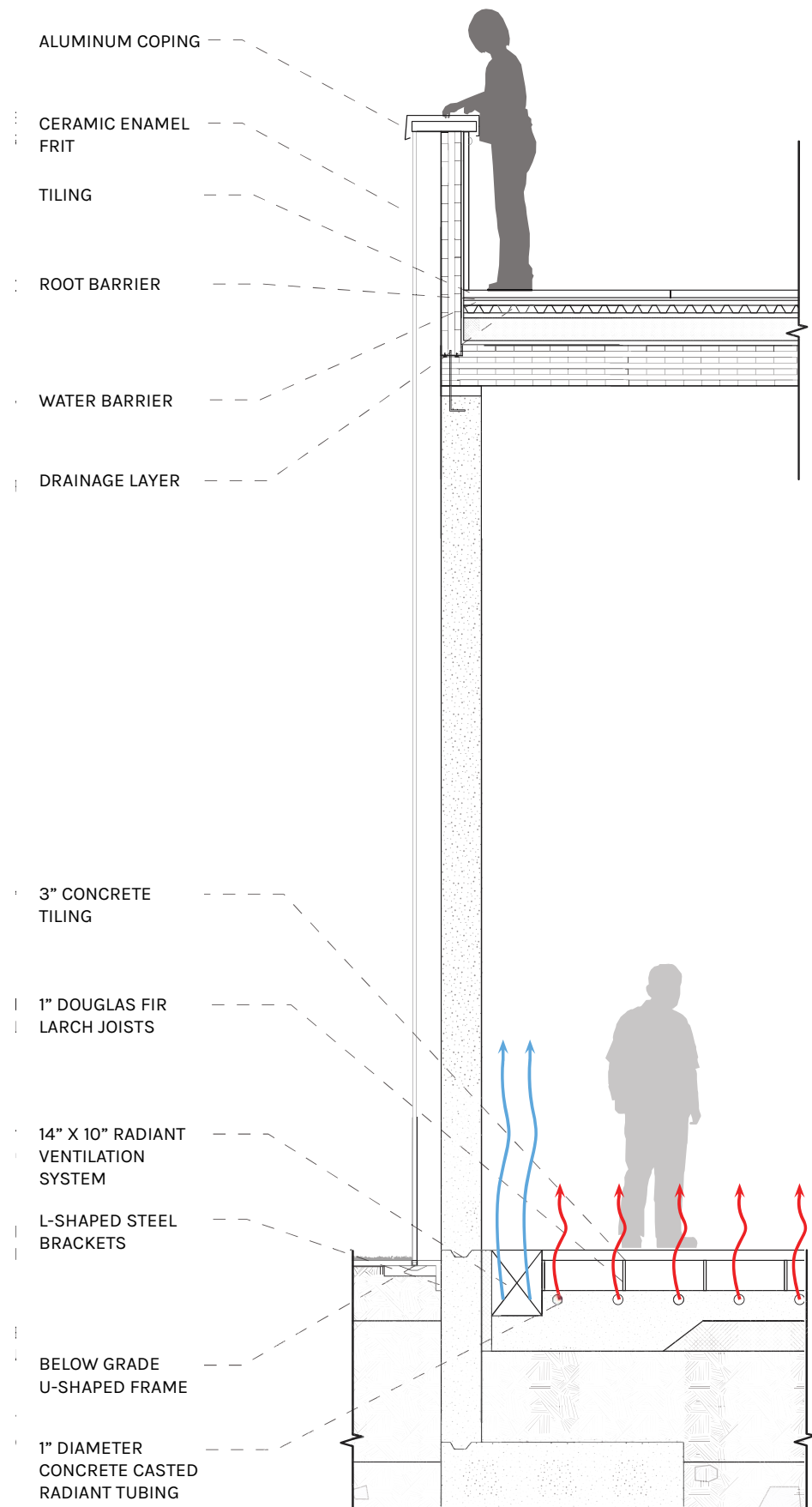
PROPOSAL 3: FIELDHOUSE



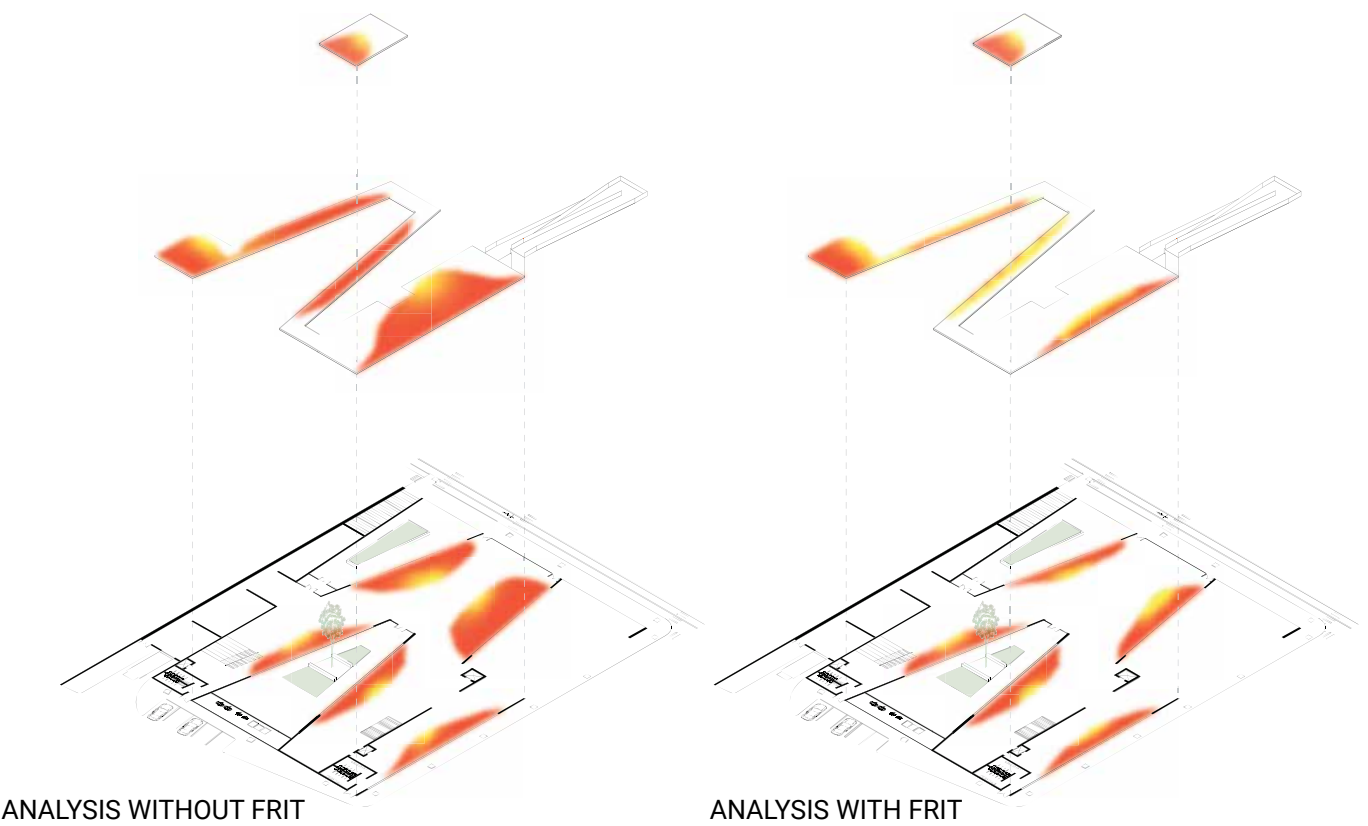


WALL SECTION

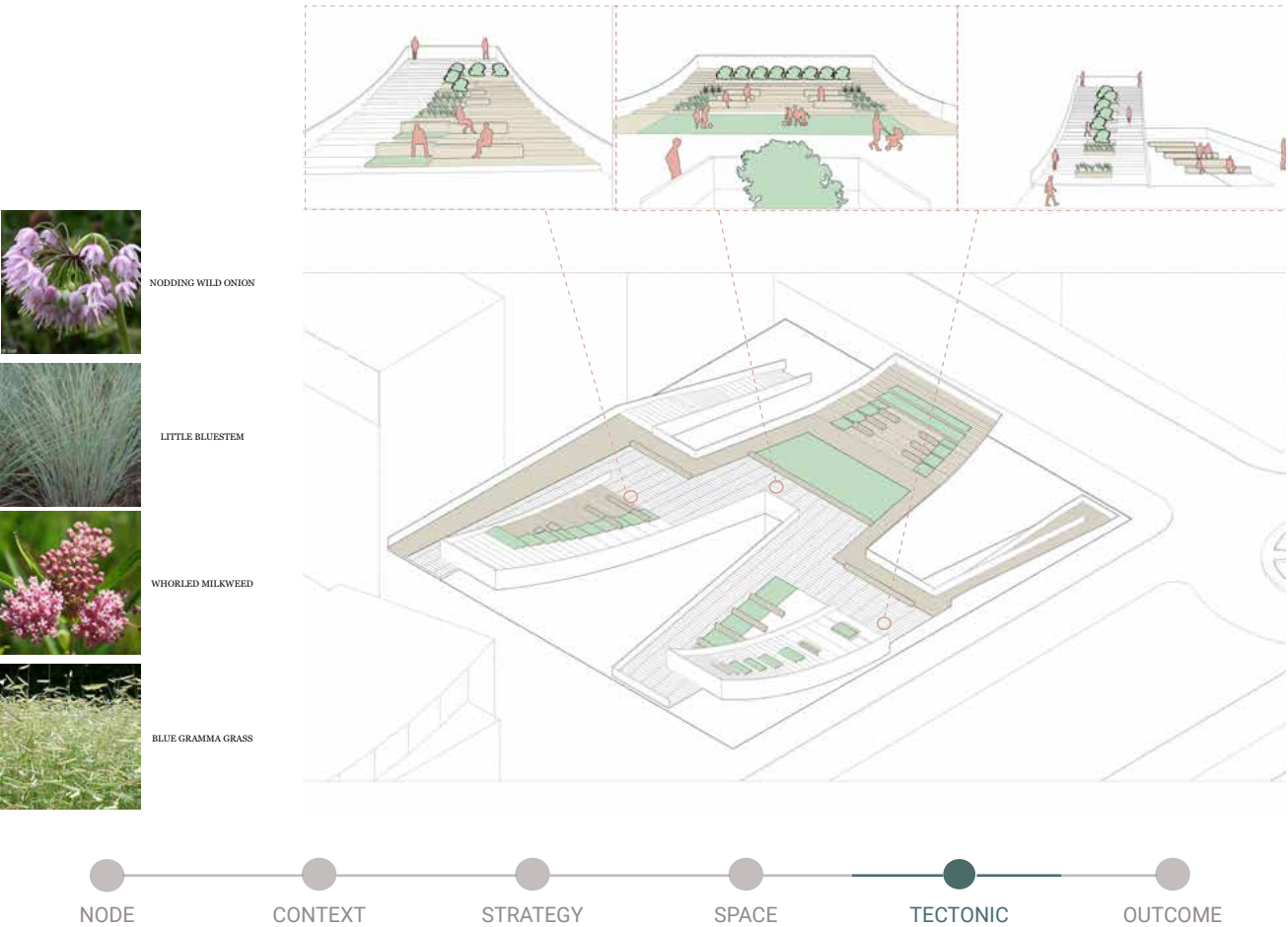
The envelope and roofscape operate as one layered system, filtering light, supporting planting, and making the public surface habitable.



DAYLIGHT INTENSITY ANALYSIS



ROOF LANDSCAPE



01

LOWER WACKER
CONNECTION

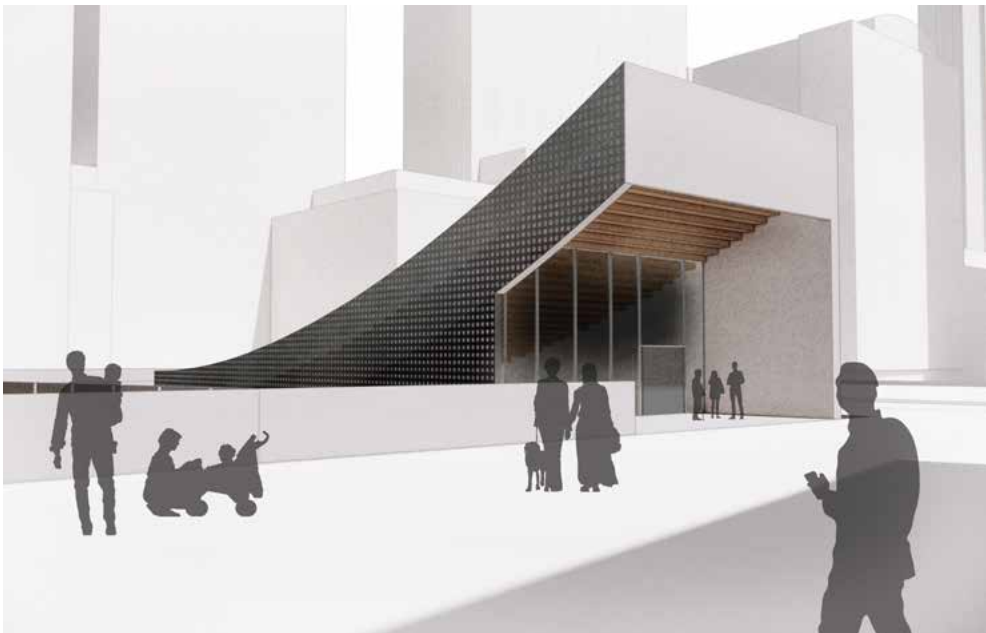
The lower level becomes an active point of arrival, where the stair, courtyard, and filtered edge begin to reconnect the site to the city above.



02

UPPER WACKER
CONNECTION

Located along the strongest pedestrian approach from Upper Wacker, the entrance turns the roofline and fritted envelope into a visible public threshold.



03

QUIET COURTYARD

A quieter courtyard is protected from through traffic by the landscape ramp, creating a place to pause within the larger urban connector.



OUTCOME

04

ROOFSCAPE

The roof becomes shared public ground, combining movement, seating, planting, and open gathering space above the former urban void.



SECTIONAL MODEL



The Cove transforms the residual gap between Upper and Lower Wacker into a continuous public ground. The final spaces move between connection, threshold, quiet interior landscape, and open roofscape.

03 Village in the City

A VERTICAL VILLAGE CONNECTING PARK, CITY, AND GENERATIONS.

THESIS

An intergenerational living tower that reconnects park, city, and community through shared terraces, collective programs, and social streets in the sky.

A MAJOR NODE

Urban migration and isolated high rise living have weakened traditional generational ties, leaving elders, youth, and families with fewer shared spaces for care, exchange, and everyday connection.

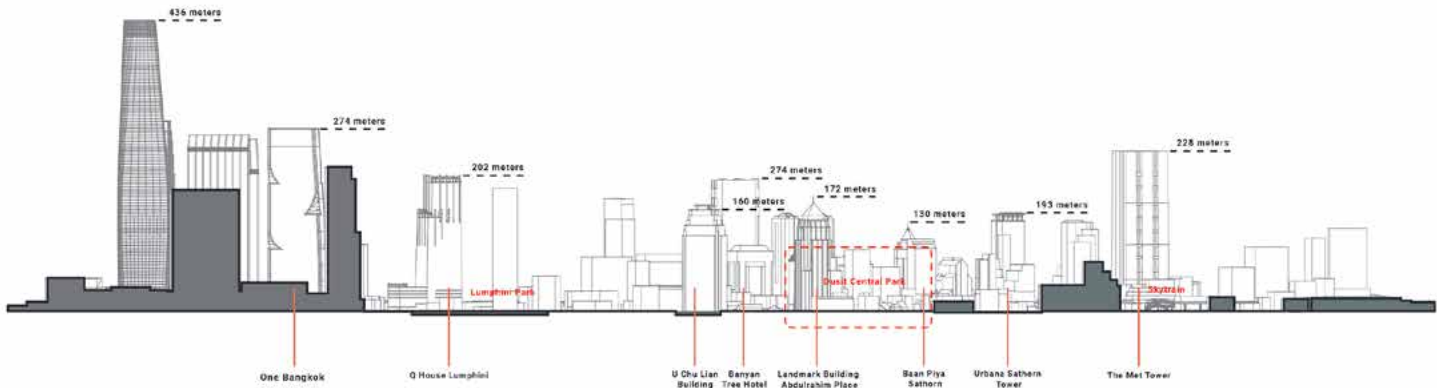
RESPONSE

The tower becomes a vertical village, using terraces, shared floors, and communal programs to bring different generations into daily contact and rebuild community within the city.

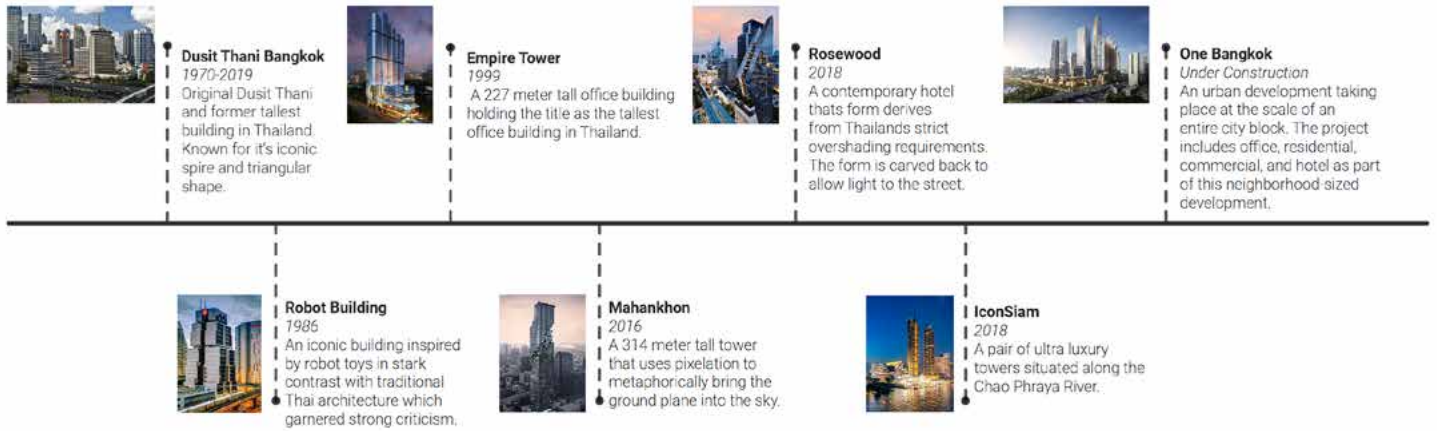


URBAN CONTEXT

SITE CONTEXT SECTION, CUT WEST TO EAST

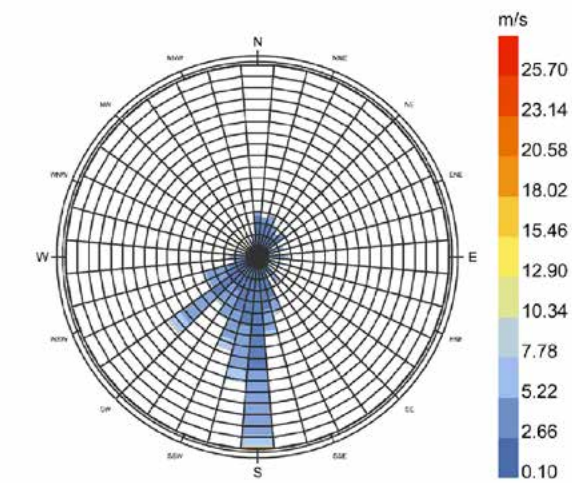


BANGKOK TALL BUILDINGS TIMELINE



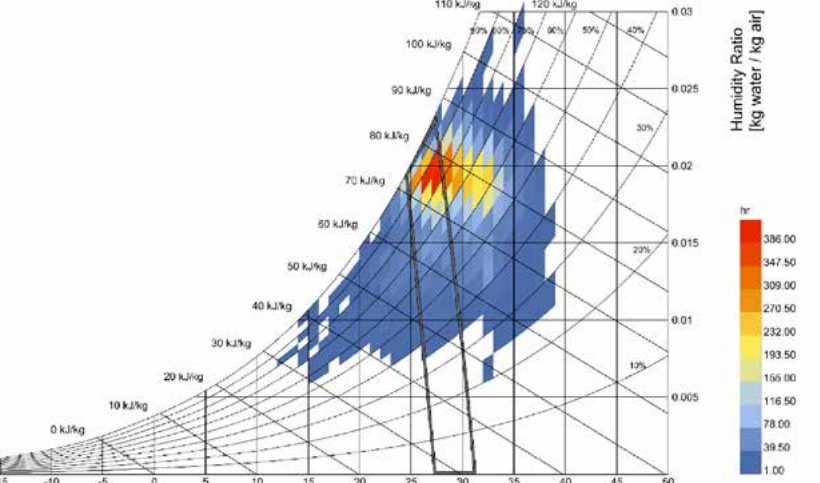
CLIMATE SNAPSHOT

WIND ROSE

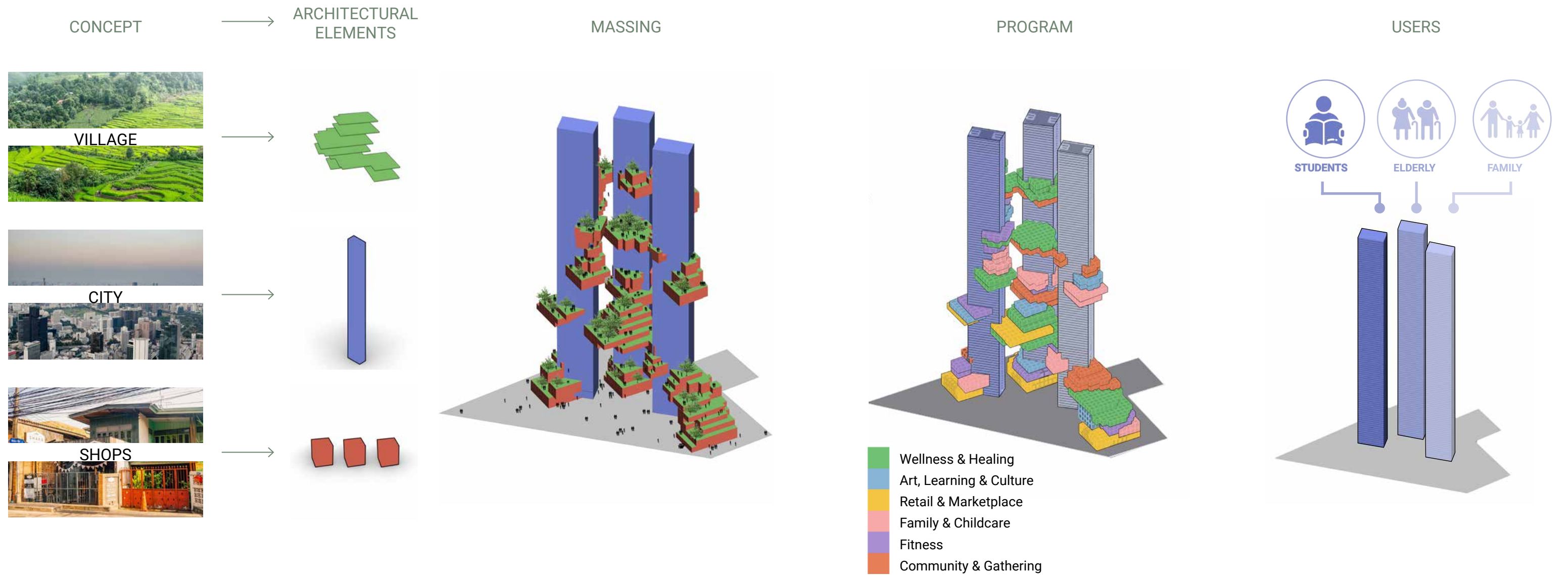


Prevailing winds from the southwest bring moisture during the monsoon.

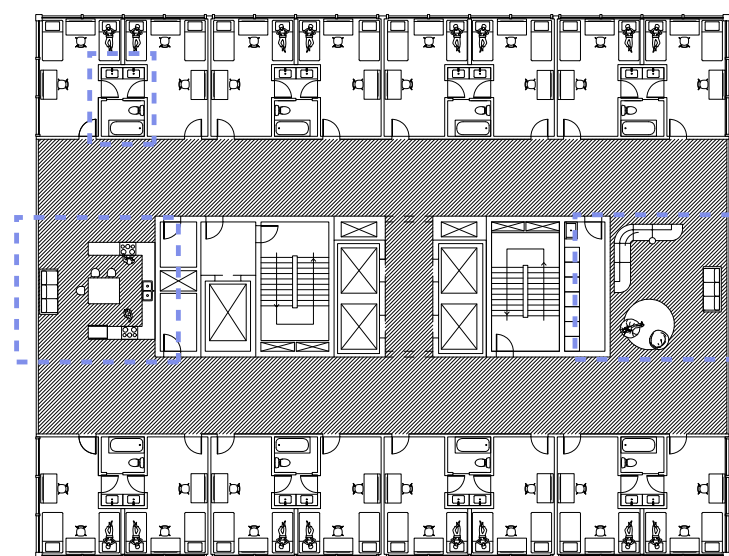
PSYCHOMETRIC CHART WITH PMV POLYGON



Hot and humid for the most of the year. Design for shade, ventilation, and dehumidification.

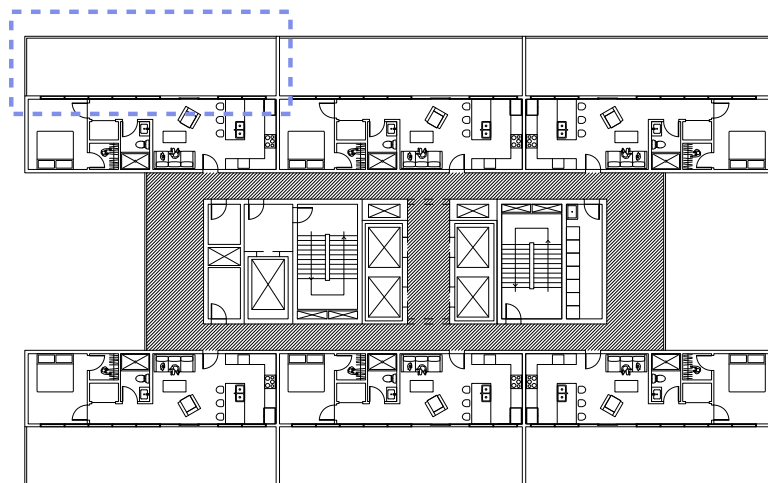


RESIDENTIAL UNITS



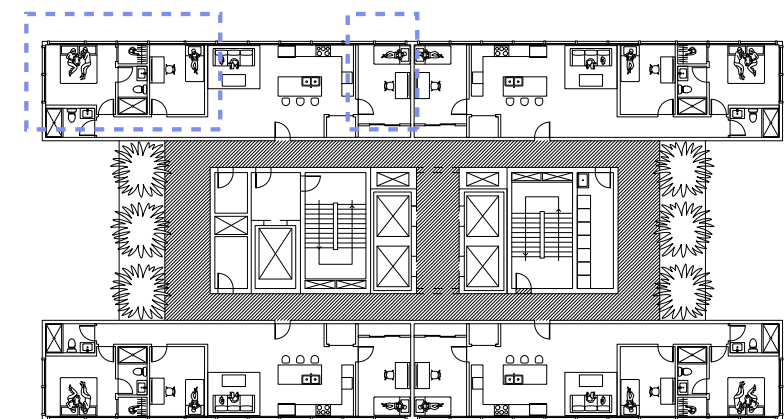
STUDENT UNITS

Compact and efficient units with shared amenities and study spaces to foster community and focus.



ELDER UNITS

Accessible units include balconies for planting, hobbies, and informal connection with neighboring residents.



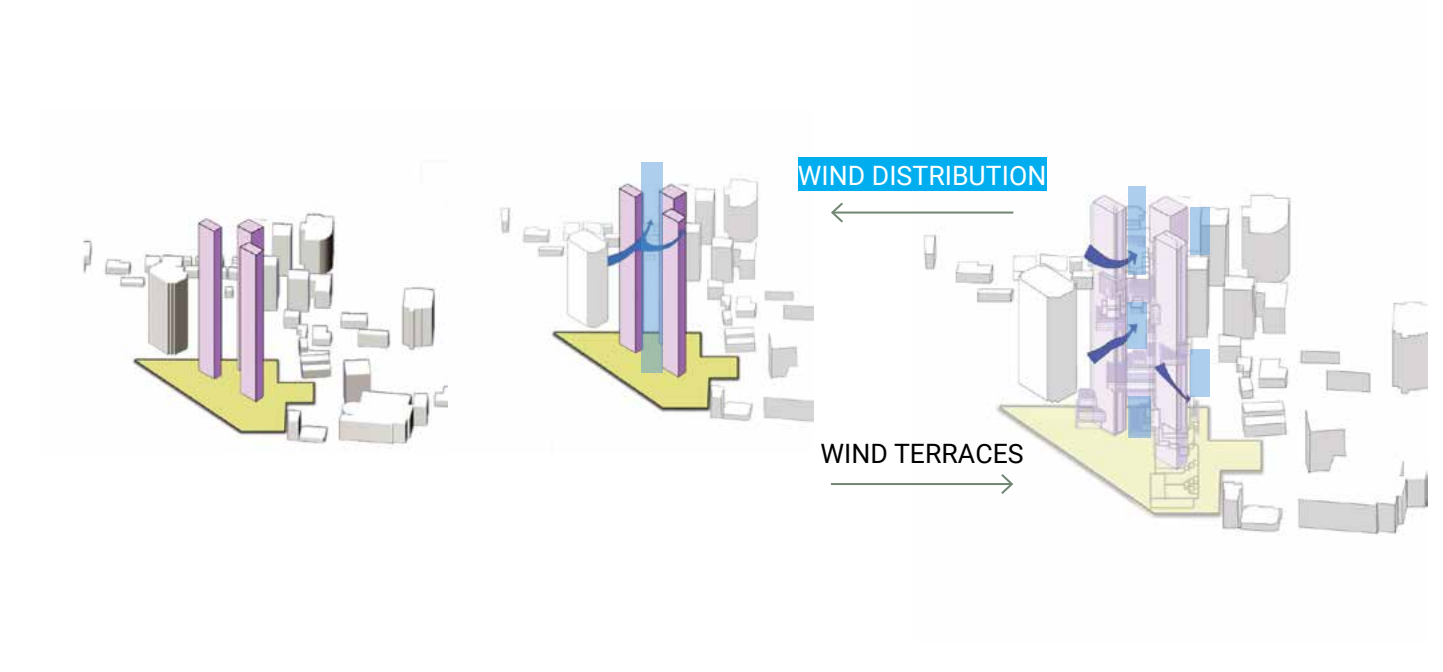
FAMILY UNITS

Spacious units center around the kitchen and living room as a shared gathering point for family life.

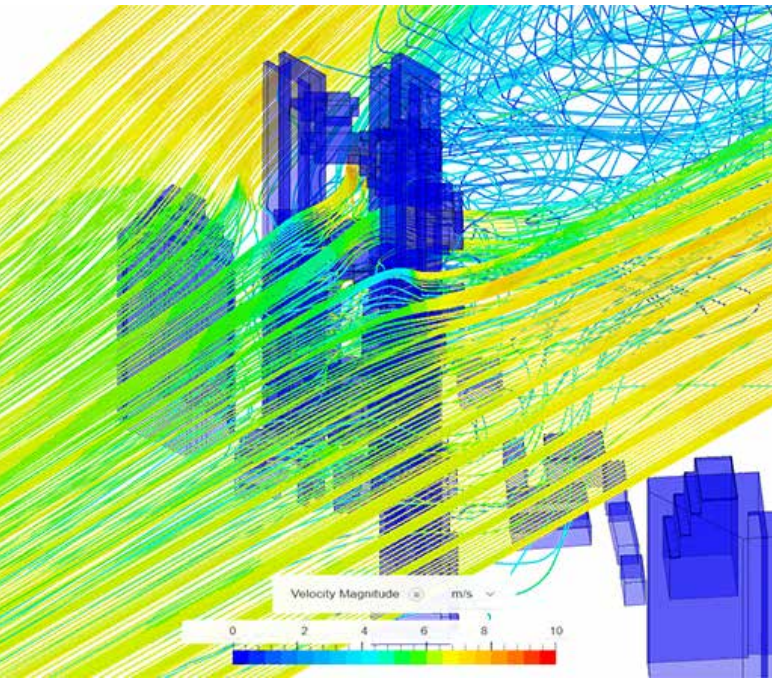
ENVIRONMENTAL TECTONICS

The tower's terraces and shared voids are tested as environmental devices. Wind studies explore how openings distribute airflow through the massing, supporting shaded communal spaces at outdoor comfort at Bangkok's hot humid climate.

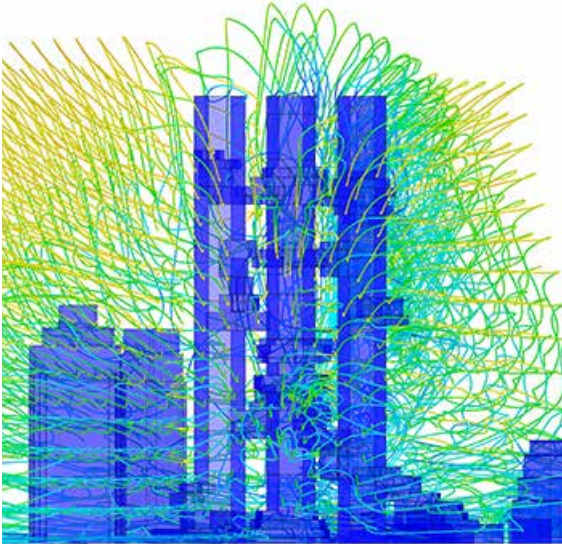
WIND DISTRIBUTION CONCEPT



EXTERNAL AIR SIMULATION



VERTICAL AIR MOVEMENT



The elevation study shows air moving across the tower height, distributing breeze.

OUTCOME



VIEW FROM LUMPHINI PARK



TERRACE LANDSCAPE



TERRACE COURTYARD



STEAM BATH AREA

04 The Wave

FIELDHOUSE WITHOUT THE FIELD

Everyday life unfolds at the porch - small acts of presence, watching.
This connection shapes the neighborhood.

THESIS

The Wave is a neighborhood fieldhouse organized as a gradient of public life, moving from open civic gathering above to quieter, more intimate wellness spaces below.



A MAJOR NODE

The neighborhood's social life happens through everyday thresholds: porches, sidewalks, stairs, and small moments of informal contact between private life and the street.



RESPONSE

The project turns this threshold culture into a layered building section, where the exterior stair becomes a public room and the interior shifts from bright social programs to darker, calmer spaces.

BRIGHT
PUBLIC · SOCIAL

Open, daylight filled spaces that encourage connection, movement and community.



ACTIVE
SEMI-PUBLIC · SUPPORT

Spaces that support wellness and activity, connected yet purposefully contained.



DARK
INTIMATE · CALM

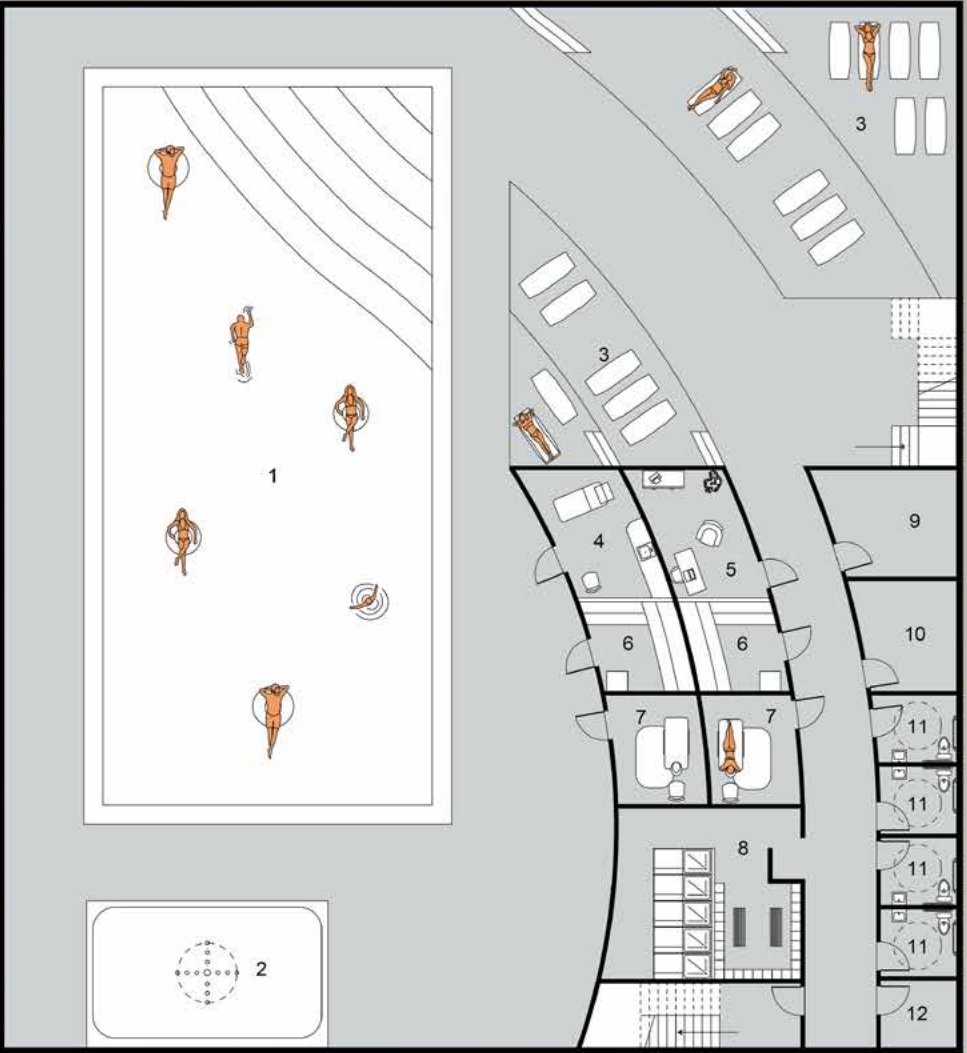
Quiet, restorative spaces for relaxation and recovery in a calm, low-light environment.



EXPERIENTIAL SECTION

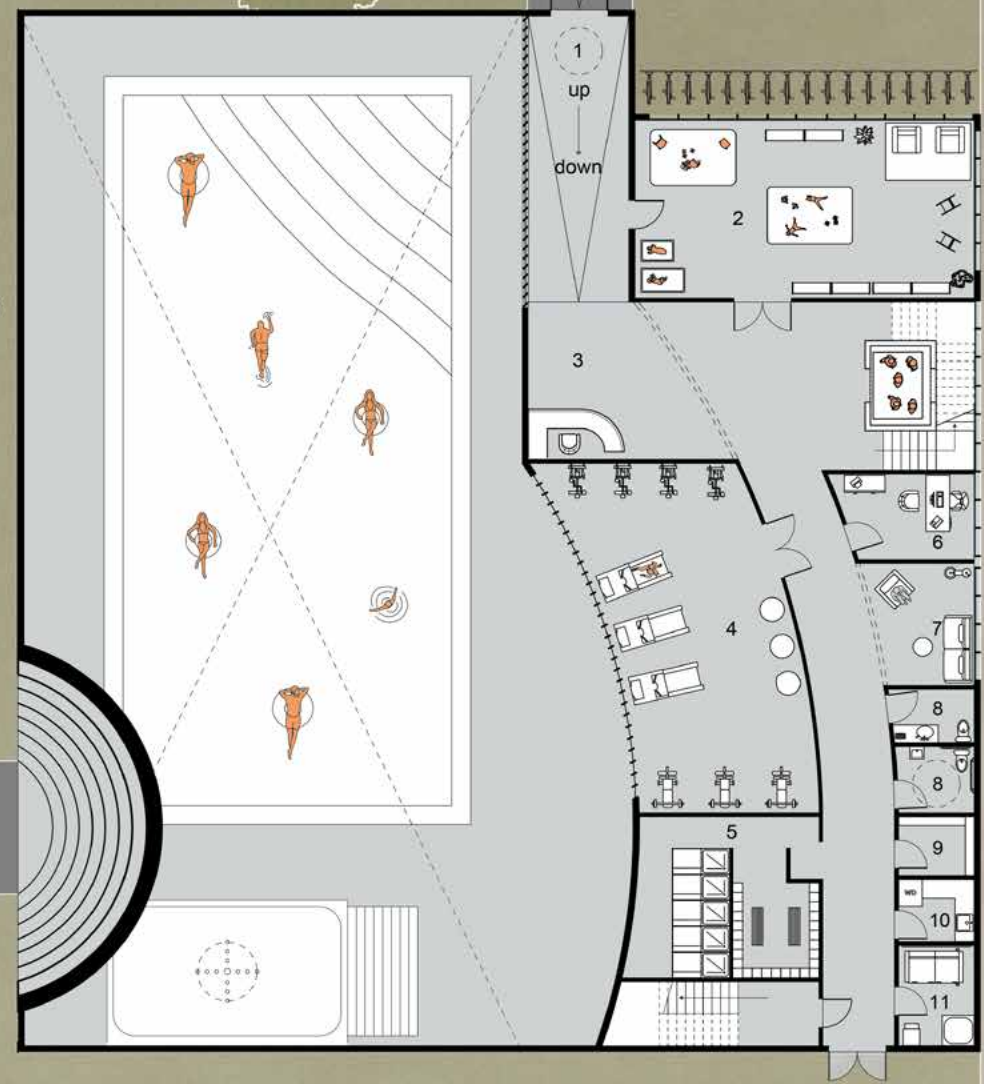


FLOOR PLANS
BASEMENT



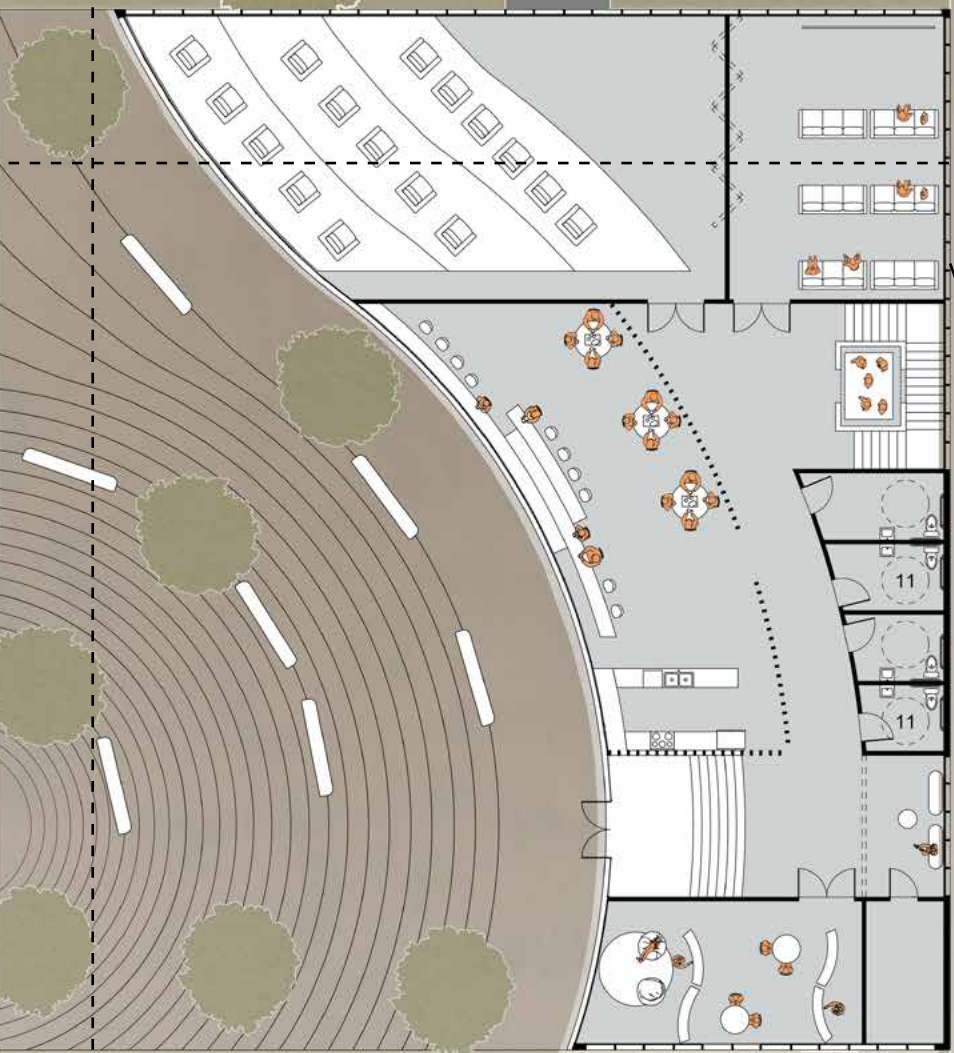
- 1. leisure pool
- 2. jacuzzi
- 3. seating
- 4. medical room
- 5. lifeguard office
- 6. sauna
- 7. massage room
- 8. locker and shower room
- 9. storage
- 10. mechanical room
- 11. restroom
- 12. towel room

FIRST FLOOR



- 1. vestibule
- 2. daycare
- 3. reception
- 4. fitness center
- 5. locker and shower room
- 6. administration office
- 7. lounge
- 8. restroom
- 9. storage
- 10. laundry room
- 11. trash room

SECOND FLOOR



- 1. event space
- 2. cafe
- 3. restroom
- 4. lounge
- 5. library/study room
- 6. storage

Contact

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