

P O R

T F O

L I O

D O A N - H A I - D A N G

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CONTEMPORARY ARCHITECTURE
IN HISTORIC CONTEXT

PROFESSOR
AMMAR ELOUEINI

URBAN COURTYARD

LOCATION: 1040 MAGAZINE STREET,
NEW ORLEANS, L.A, U.S.A.
PROPERTY SIZE: 60' x 117' = 8.120 ft.²
PROGRAM: HOTEL

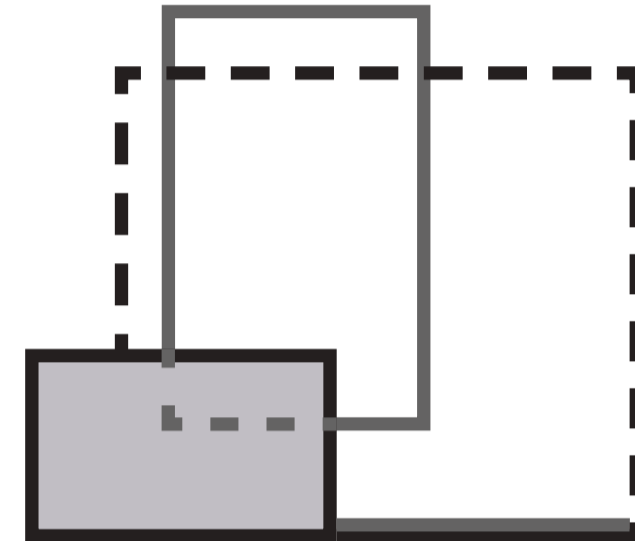
THIS MULTI-SEMESTER STUDIO FOCUSES ON CONTEMPORARY ARCHITECTURAL INTERVENTION IN HISTORIC CONTEXTS. THE ULTIMATE PURPOSE IS TO ADDRESS HOW PRACTITIONERS NOWADAYS ARE FACING AN INVISIBLE WALL WHEN IT COMES TO CREATING CONTEMPORARY DESIGNS THAT CAN STILL REFLECT THE HISTORICAL VALUES OF THE SURROUNDINGS. FOR WHERE I FINISHED MY M.ARCH DEGREE, NEW ORLEANS, IS THE OLDEST, MOST WELL PRESERVED CITY IN THE U.S, IT IS THE PERFECT LOCATION TO STUDY AND TO APPLIED WHAT I HAVE LEARNT INTO THIS PROJECT.



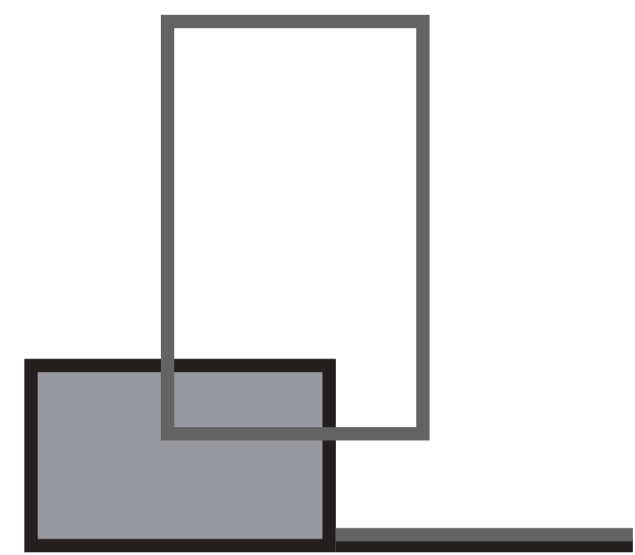
CONCEPT DIAGRAM



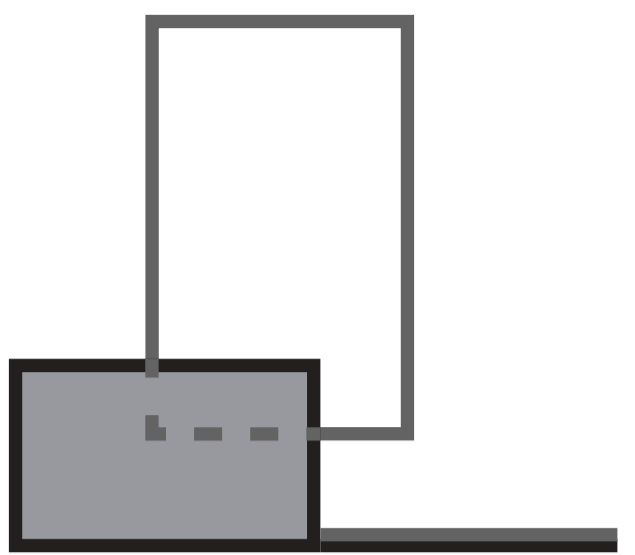
ORIGINAL SITE ANALYSIS



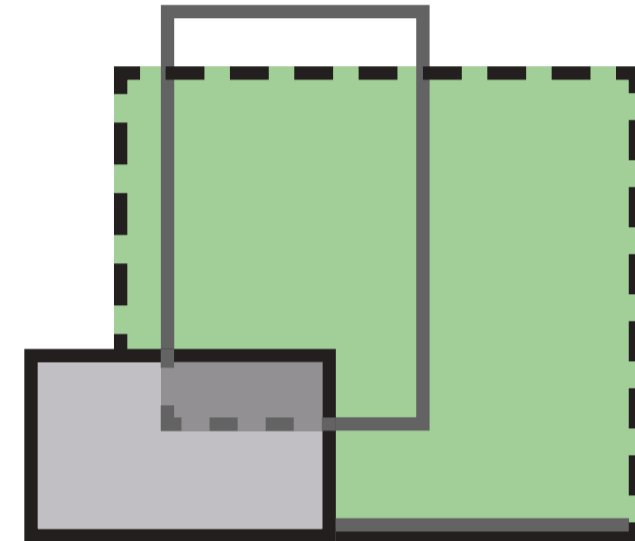
ADDITION



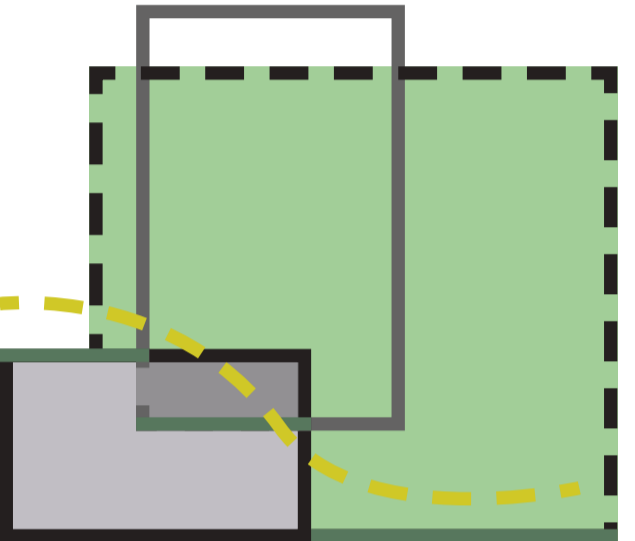
ADDITION



SUBTRACTION

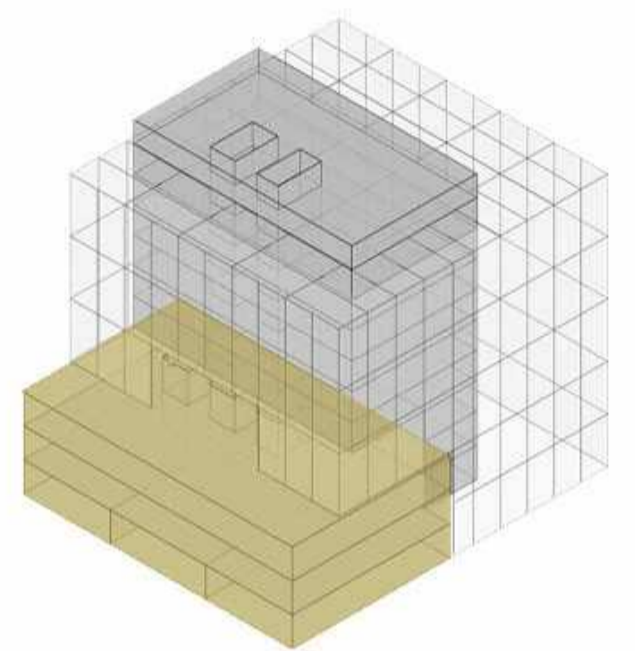


MATERIALIZE

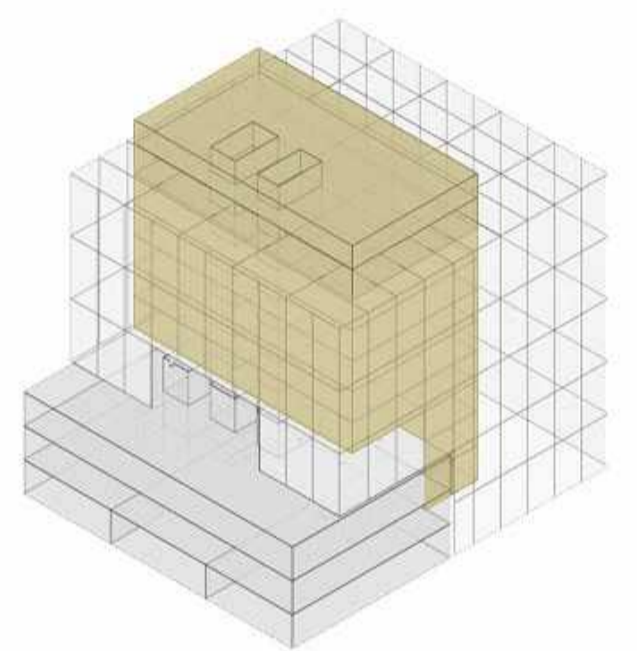


FORMING SPATIAL CONNECTION

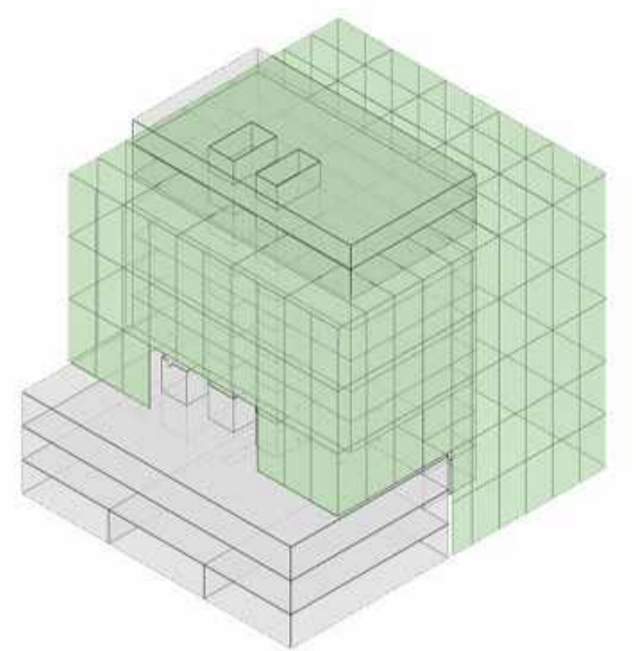
PROGRAM DISTRIBUTION DIAGRAM



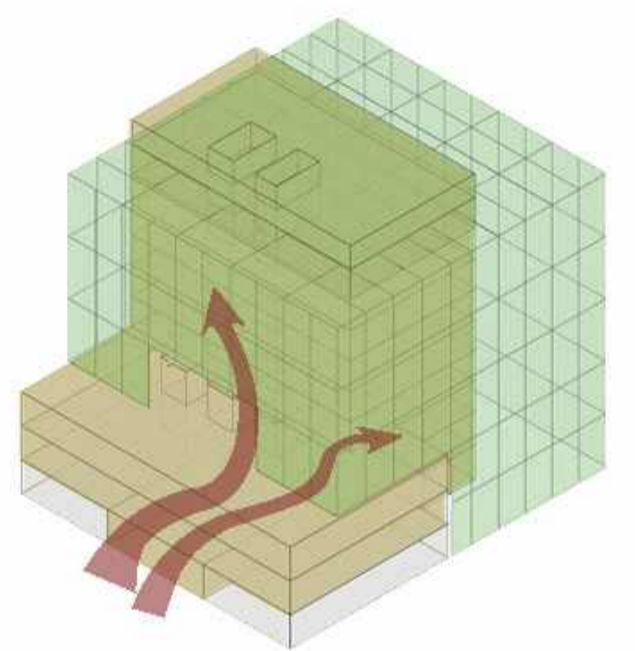
PRESERVED BUILDING



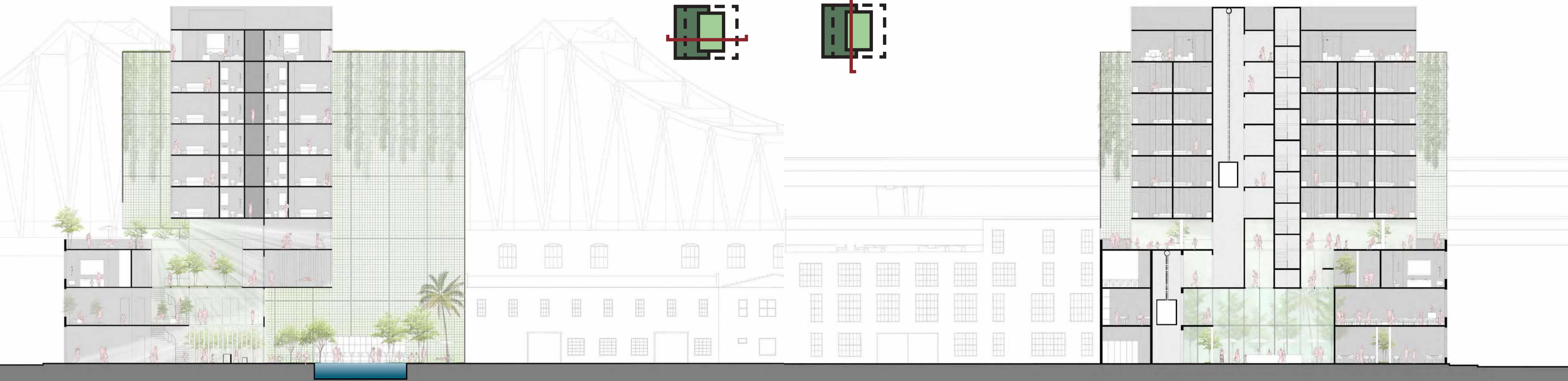
NEW ADDITION

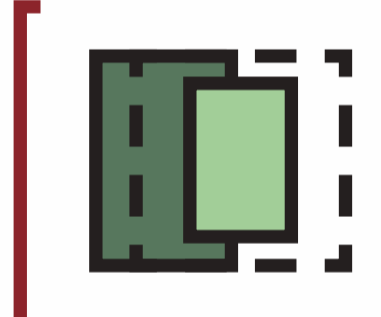
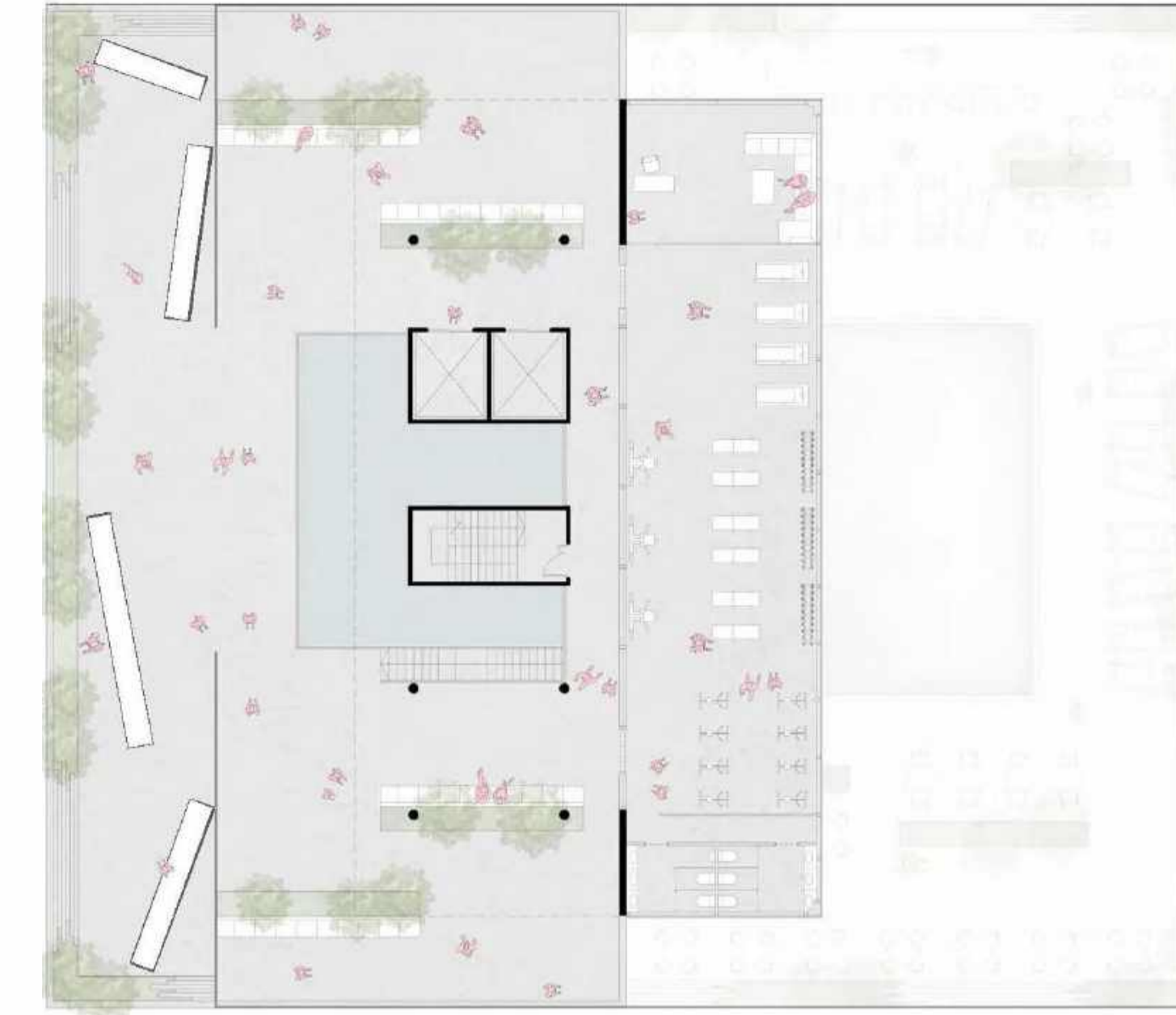
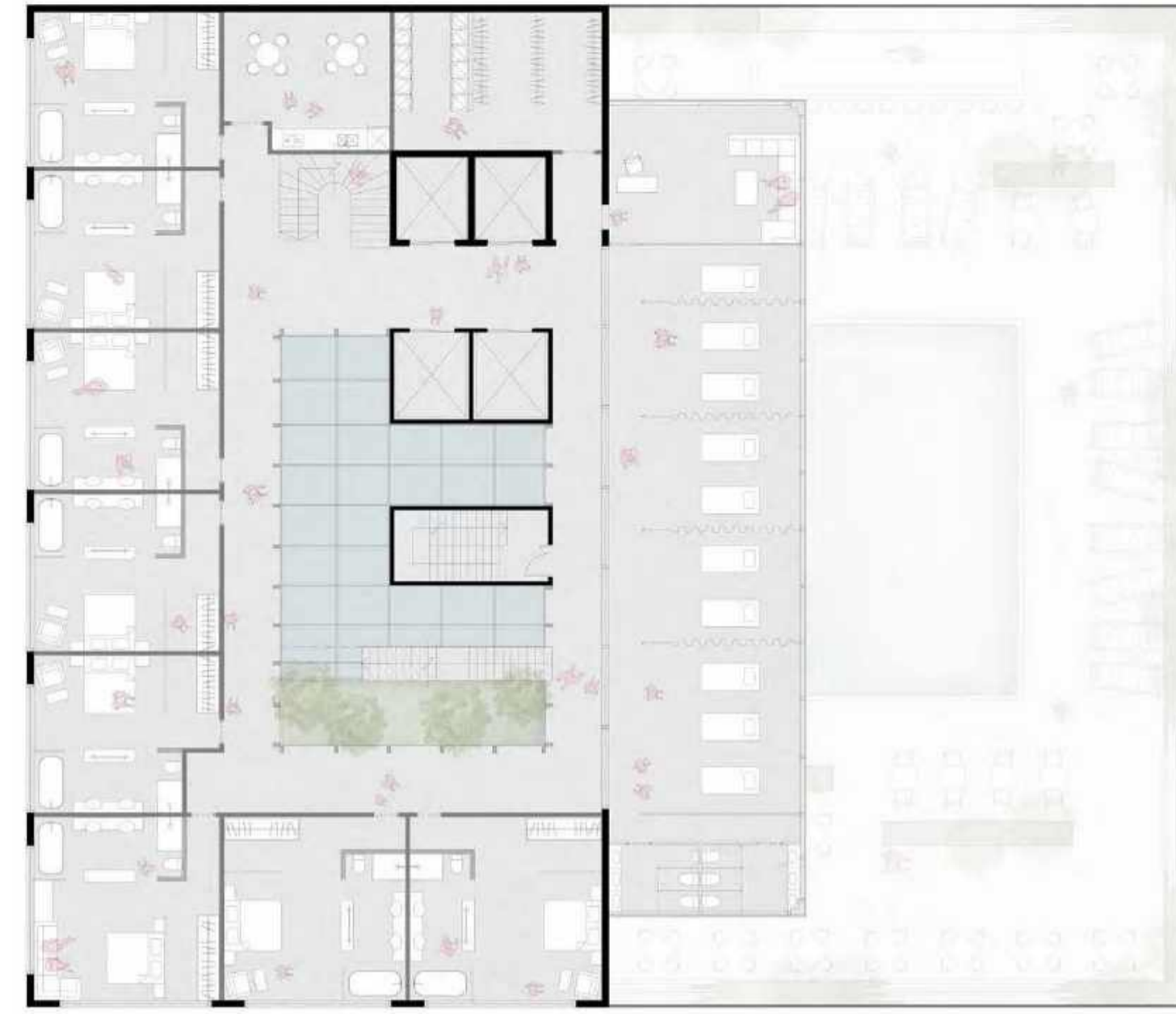
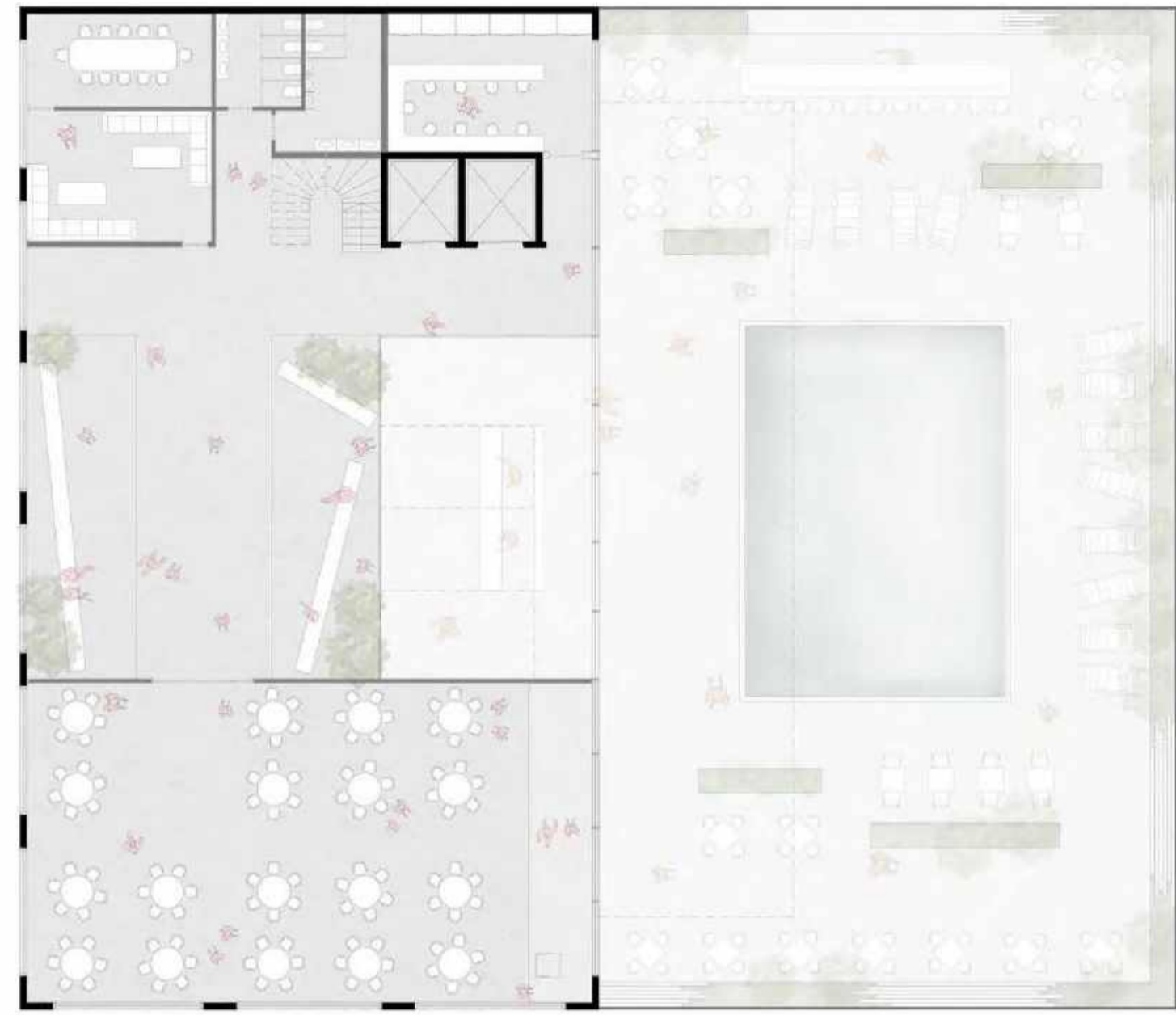
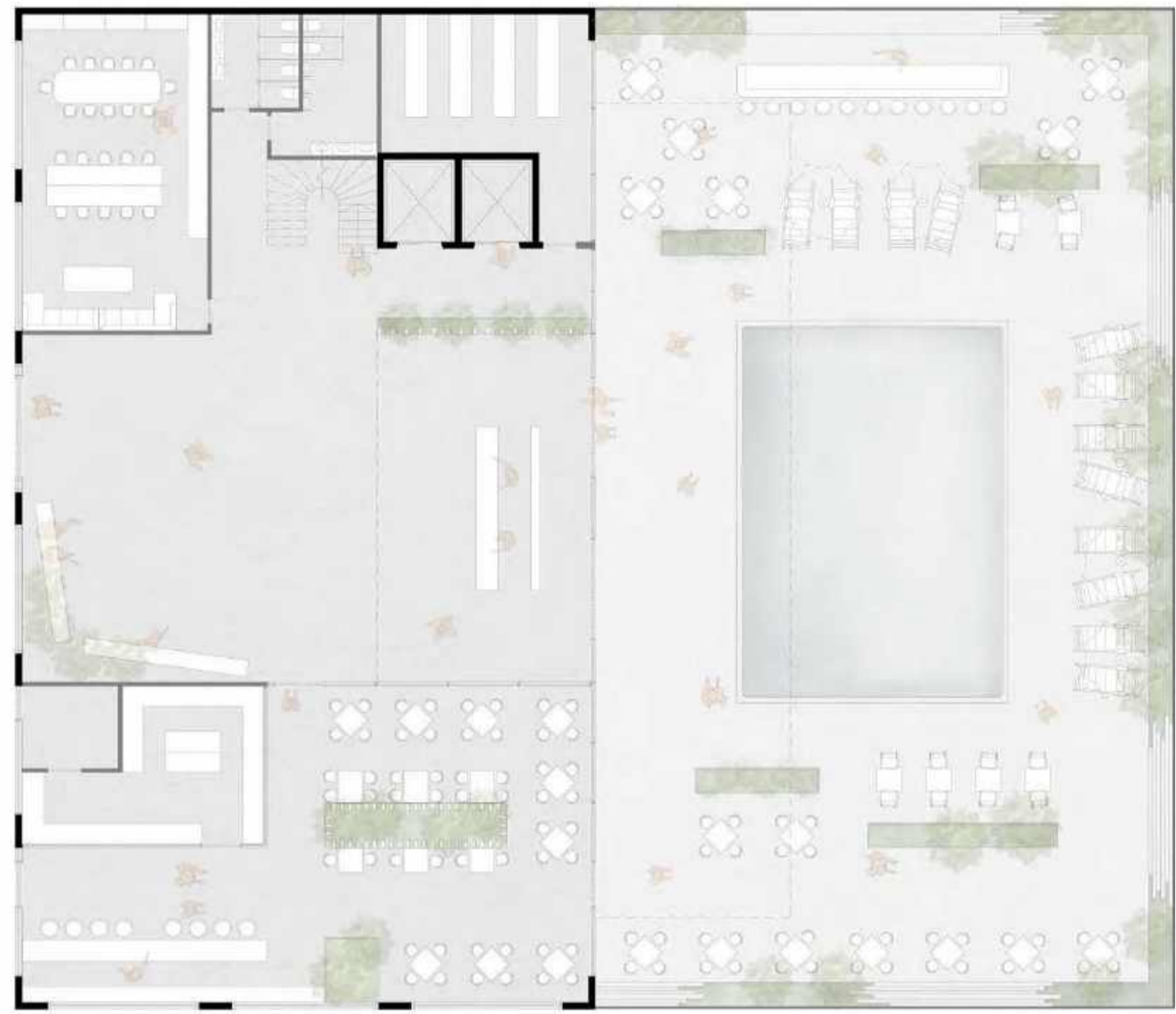


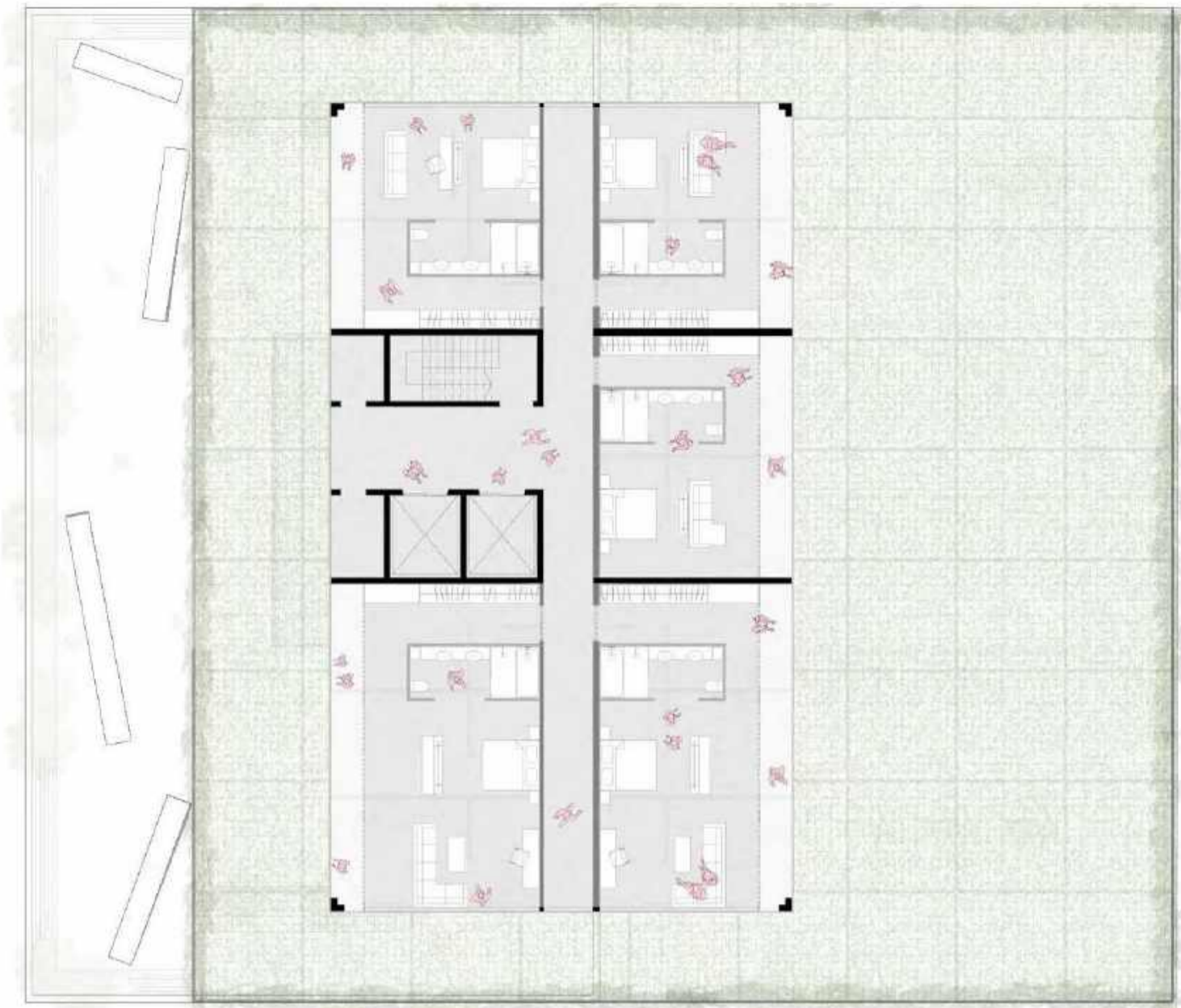
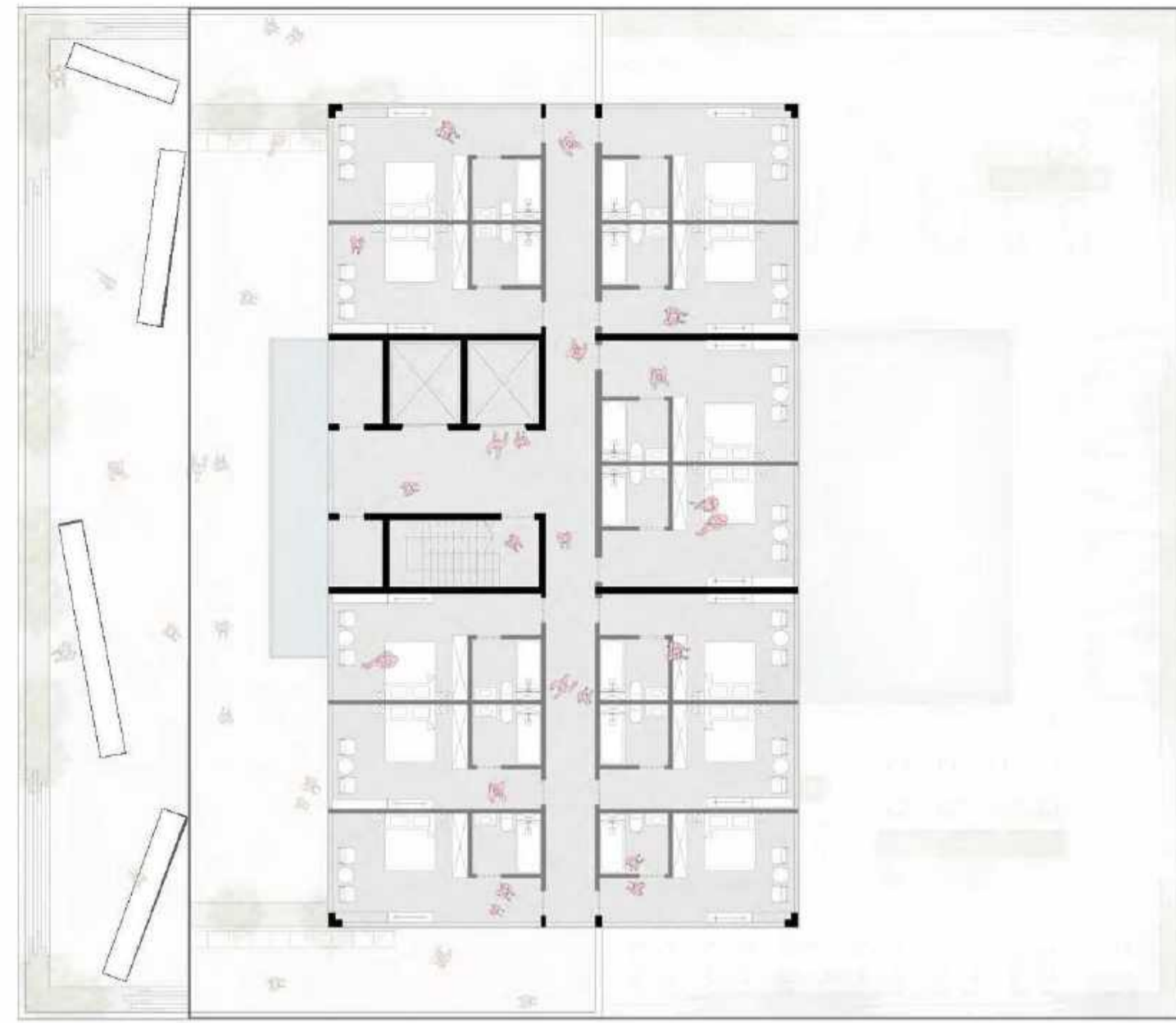
GREEN SCREEN



SPATIAL EXPERIENCE CHAIN





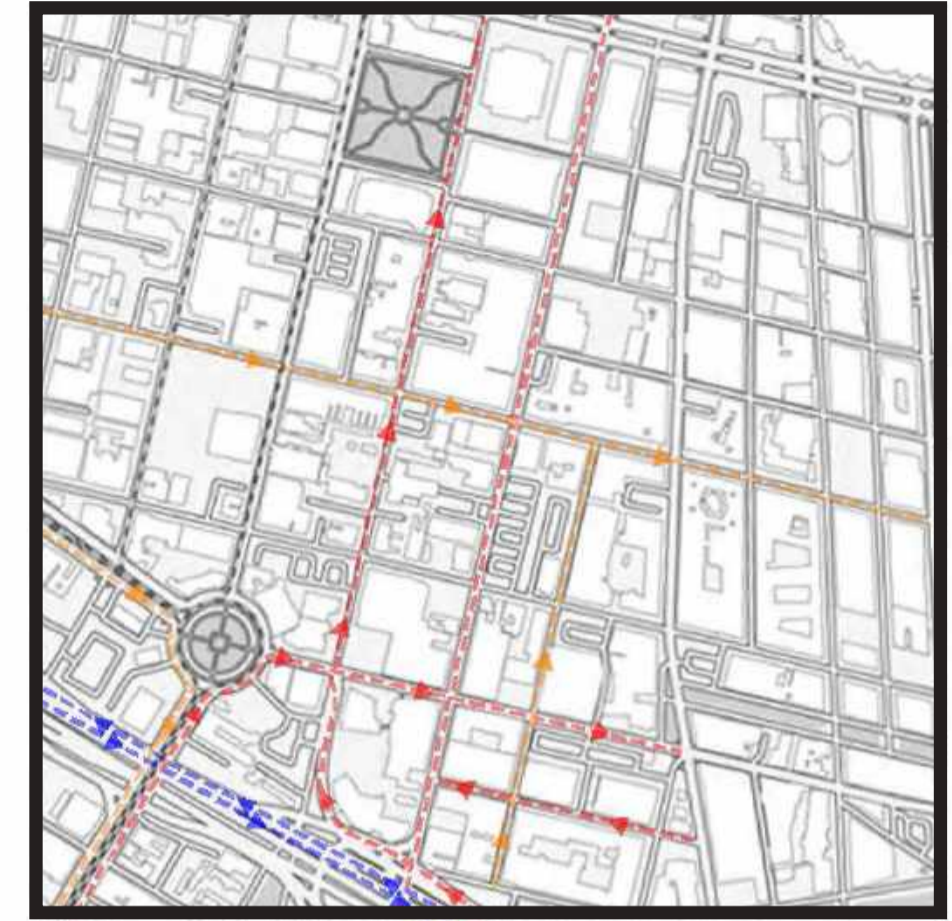


ZONING SUMMARY

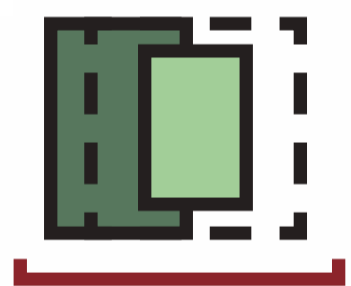
| | |
|------------------|---------------------------------------|
| OWNERSHIP: | THE NATIONAL WWII MUSEUM INC. |
| ZONING DISTRICT: | CBD-3 CULTURAL ART DISTRICT |
| AREA: | 8120 SQ. FT. |
| FUTURE USE: | MIXED-USE DOWNTOWN CORE NEIGHBORHOOD. |
| MAXIMUM HEIGHT: | 75/125 FT & 6/10 STORIES. |
| MAXIMUM FAR: | SUBJECTED TO HEIGHT LIMIT. |
| FRONT YARD: | NONE REQUIRED. |



SIMILAR PROGRAMS AND ACCESSIBILITY ANALYSIS



MEANS OF ACCESS TO SITE



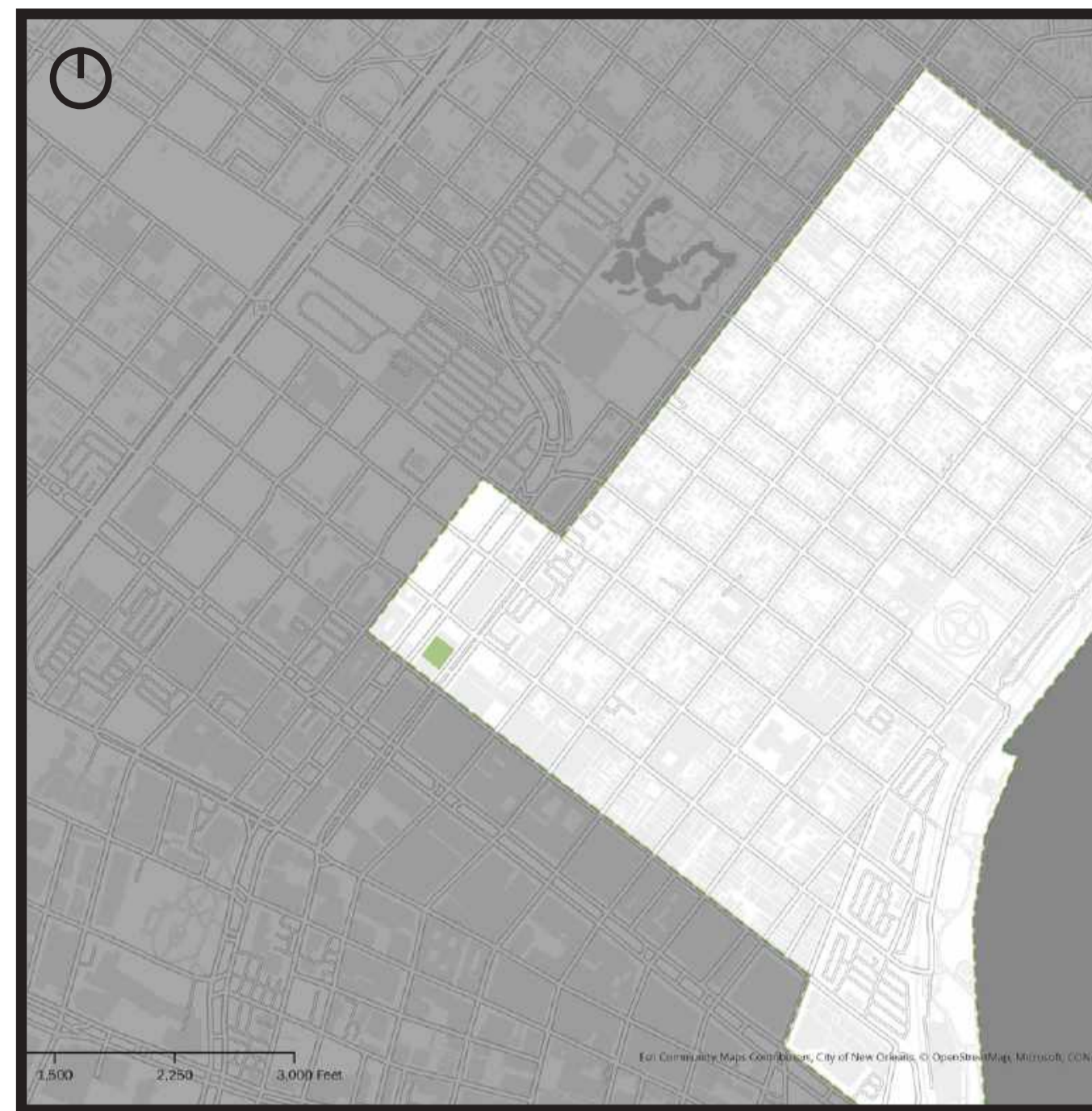
INTEGRATED STUDIO

PROFESSOR
ANDREA BARDON DE TENA

HOSTEL II

LOCATION: 215 NORTH RAMPART STREET
NEW ORLEANS, L.A, U.S.A.
PROPERTY SIZE: 128' x 128' = 16,460 ft.²
PROGRAM: URBAN HOSTEL

THE PRIMARY OBJECTIVE OF THIS PROJECT IS TO HELP ARCHITECTURE STUDENTS FOLLOW THROUGH A COMPLETE DESIGN PROCESS WHERE NOT ONLY ARCHITECTURAL KNOWLEDGE LIKE SPATIAL PLANNING AND DESIGN ARE EXPLORED, BUT ALSO BUILDING SCIENCE AND TECHNOLOGIES. STUDENTS WILL BE EXPECTED TO UNDERSTAND AND COMPLY WITH ALL APPLICABLE BUILDING CODE REGULATION SUCH AS LIFE SAFETY AND MEANS OF EGRESS. THE IMPLICATION OF CONSTRUCTION TECHNIQUES, BUILDINGS SYSTEM WILL ALSO BE FULLY EXPLORED.



ZONING SUMMARY

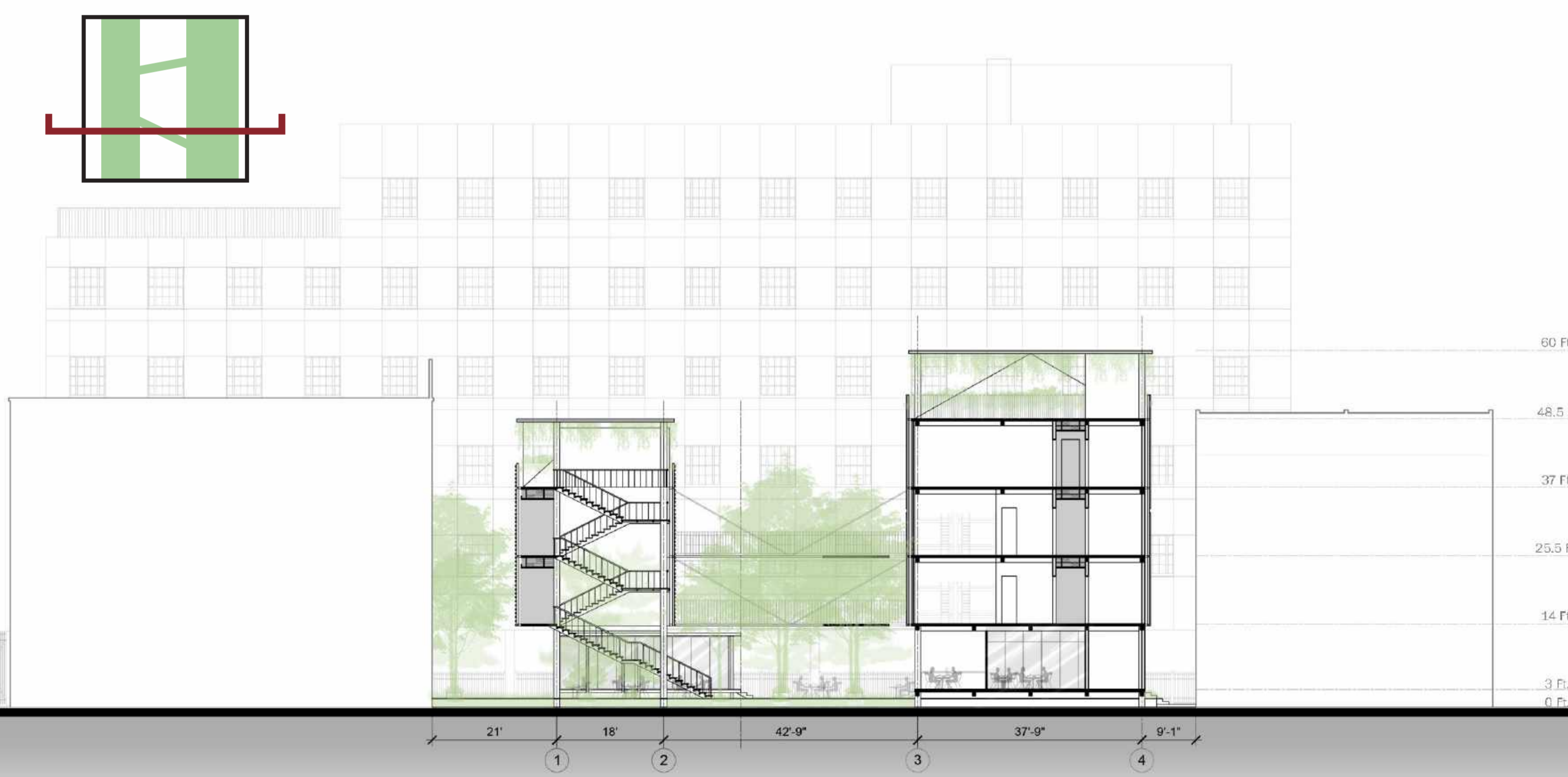
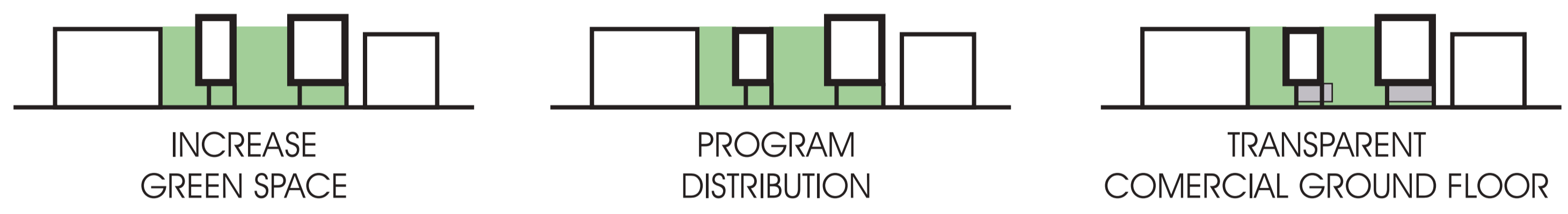
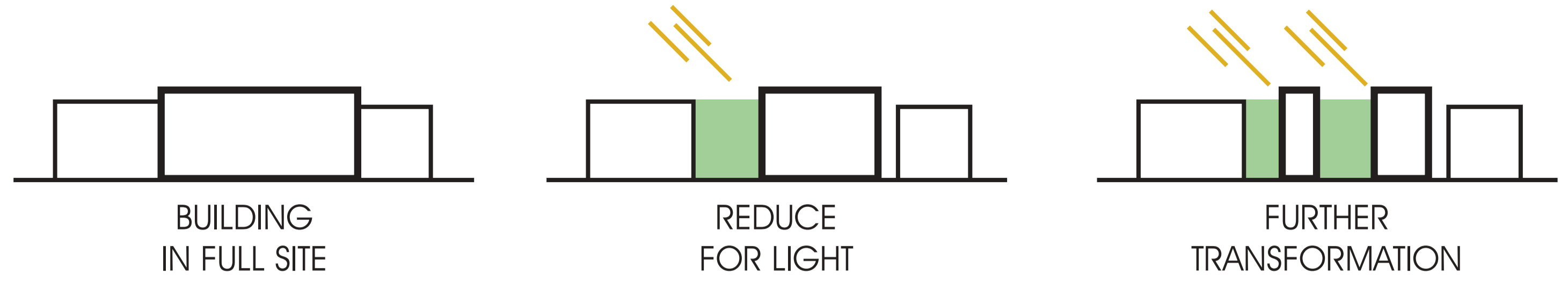
LOCATION: WITHIN BOUNDARY OF FRENCH QUARTER
SITE ADDRESS: 215 NORTH RAMPART STREET, NEW ORLEANS, LOUISIANA, 70112
PROPERTY SIZE: 128' x 128' = 16,460 ft.²
ZONING DISTRICT: MU-1 MEDIUM INTENSITY MIXED USED ZONE
MAXIMUM HEIGHTS: 60' (NO MORE THAN 5 STORIES)
MINIMUM PERMEABLE SPACE: 20%
SETBACKS: 5' (WHERE THERE ARE WINDOWS)
FLOODING RESILIENCE: 3' (ABOVE HIGHEST POINT OF ADJACENT CURB)



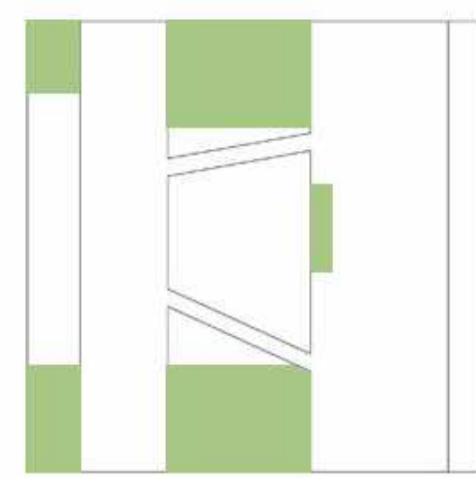
OPEN PUBLIC GREENSPACES AND
RELATION TO SITE OF STUDY



CONCEPT DIAGRAM

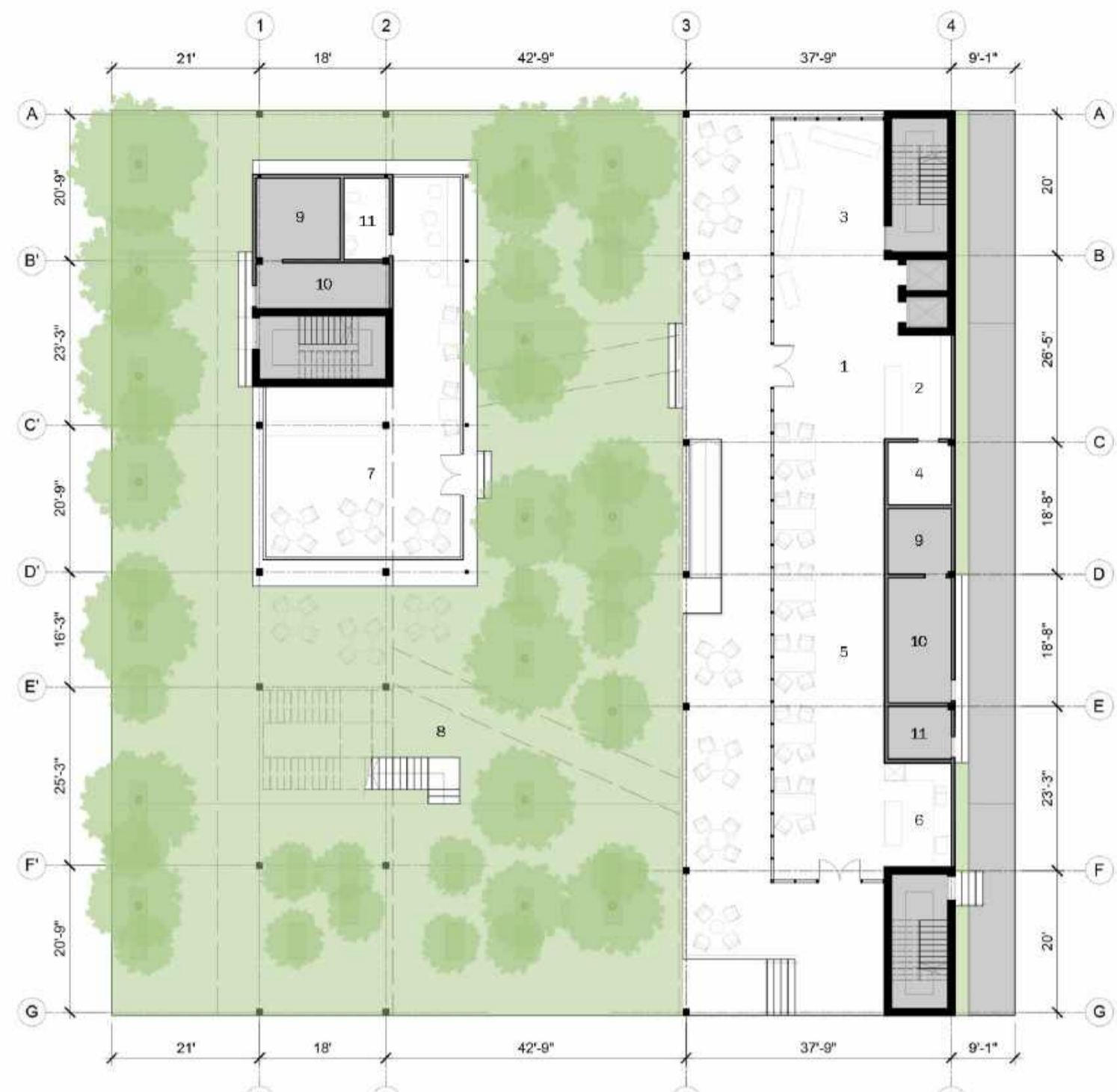


GROUND FLOOR PLAN
ADA ACCESSIBILITY



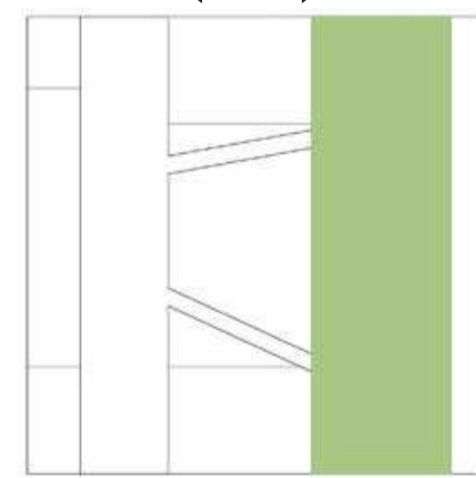
LEGEND

- 1. MAIN LOBBY
- 2. RECEPTION
- 3. WAITING AREA
- 4. SMALL OFFICE
- 5. GUEST DINING
- 6. GUEST KITCHEN
- 7. CAFE/BAR
- 8. PUBLIC GARDEN
- 9. ELECTRICAL ROOM
- 11. REST ROOM

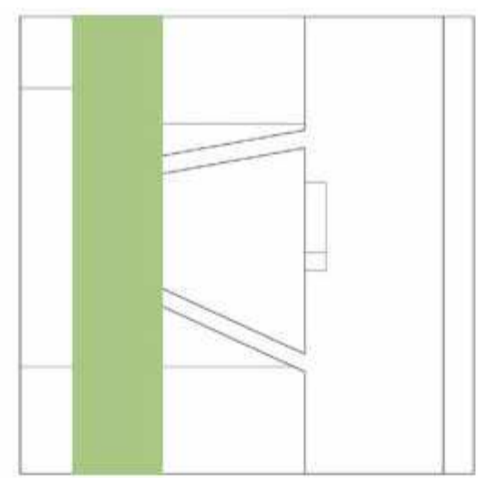


TYPICAL FLOOR PLAN
PROGRAM DISTRIBUTION

SHARED ROOMS
(4-6)

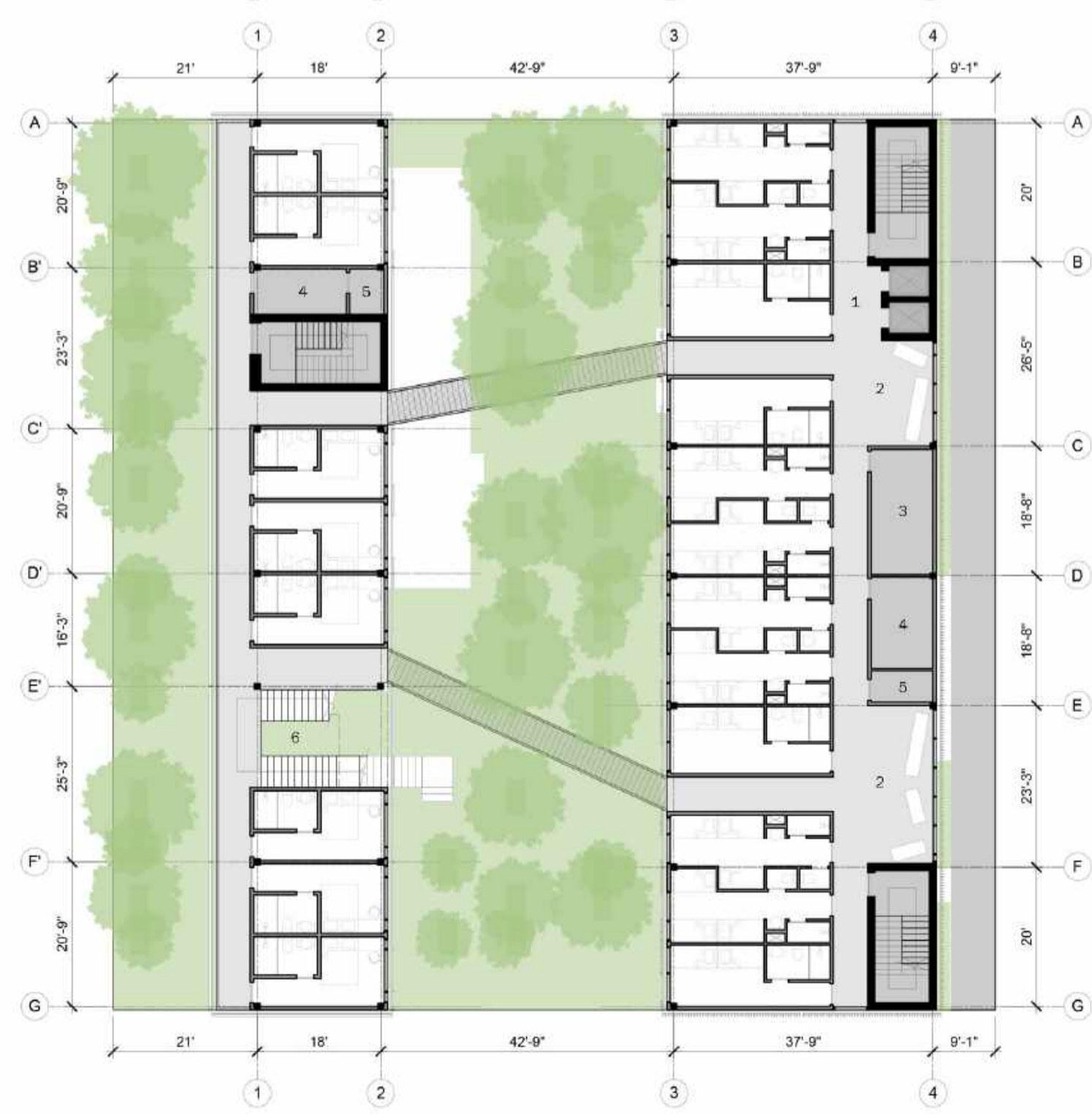


PRIVATE ROOMS

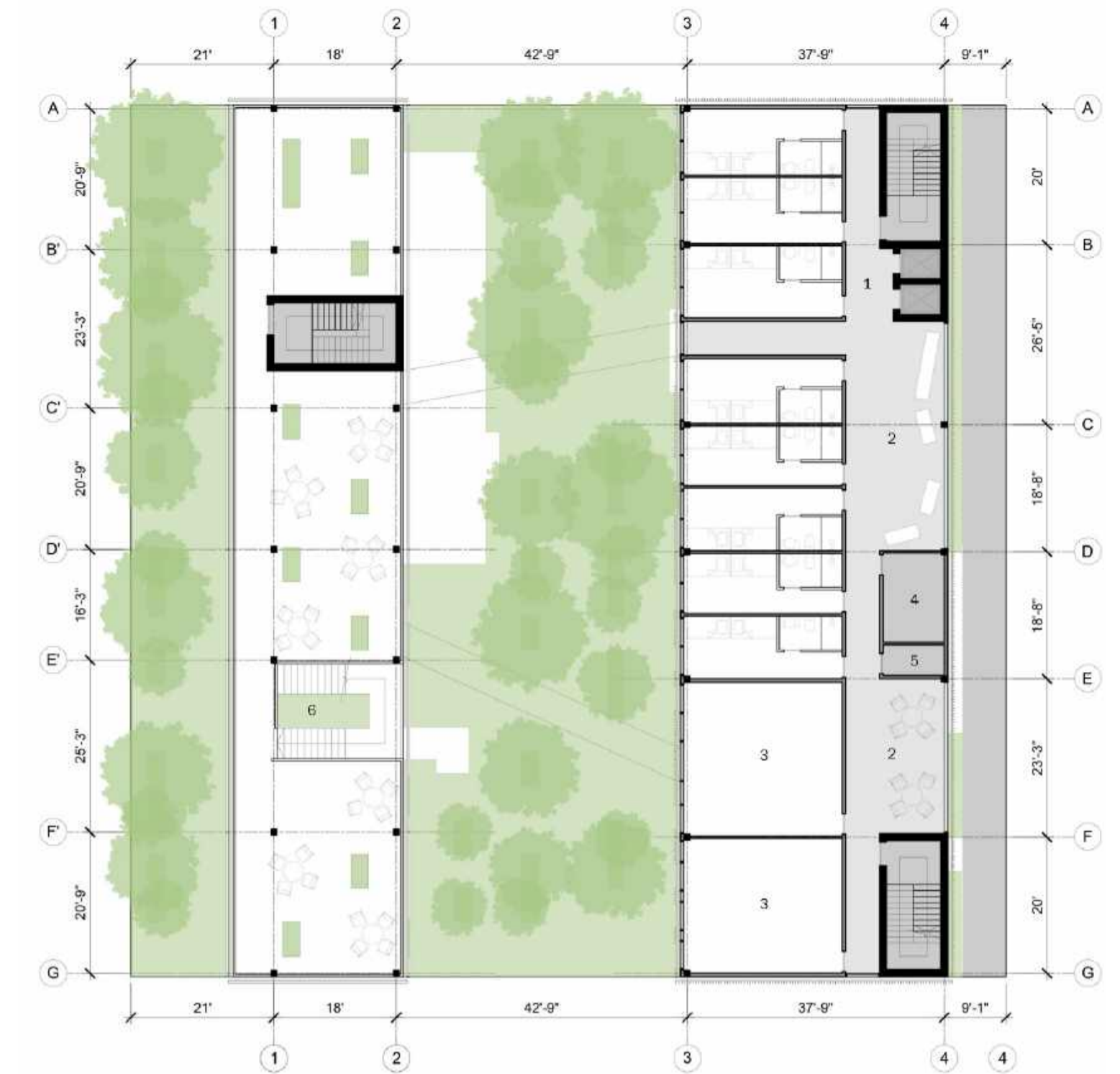


LEGEND

- 1. MAIN HALLWAY
- 2. GATHERING SPACE
- 3. GUEST LAUNDRY
- 4. MECHANICAL ROOM
- 5. ELECTRICAL CLOSET
- 6. EXPERIENTIAL STAIRCASE



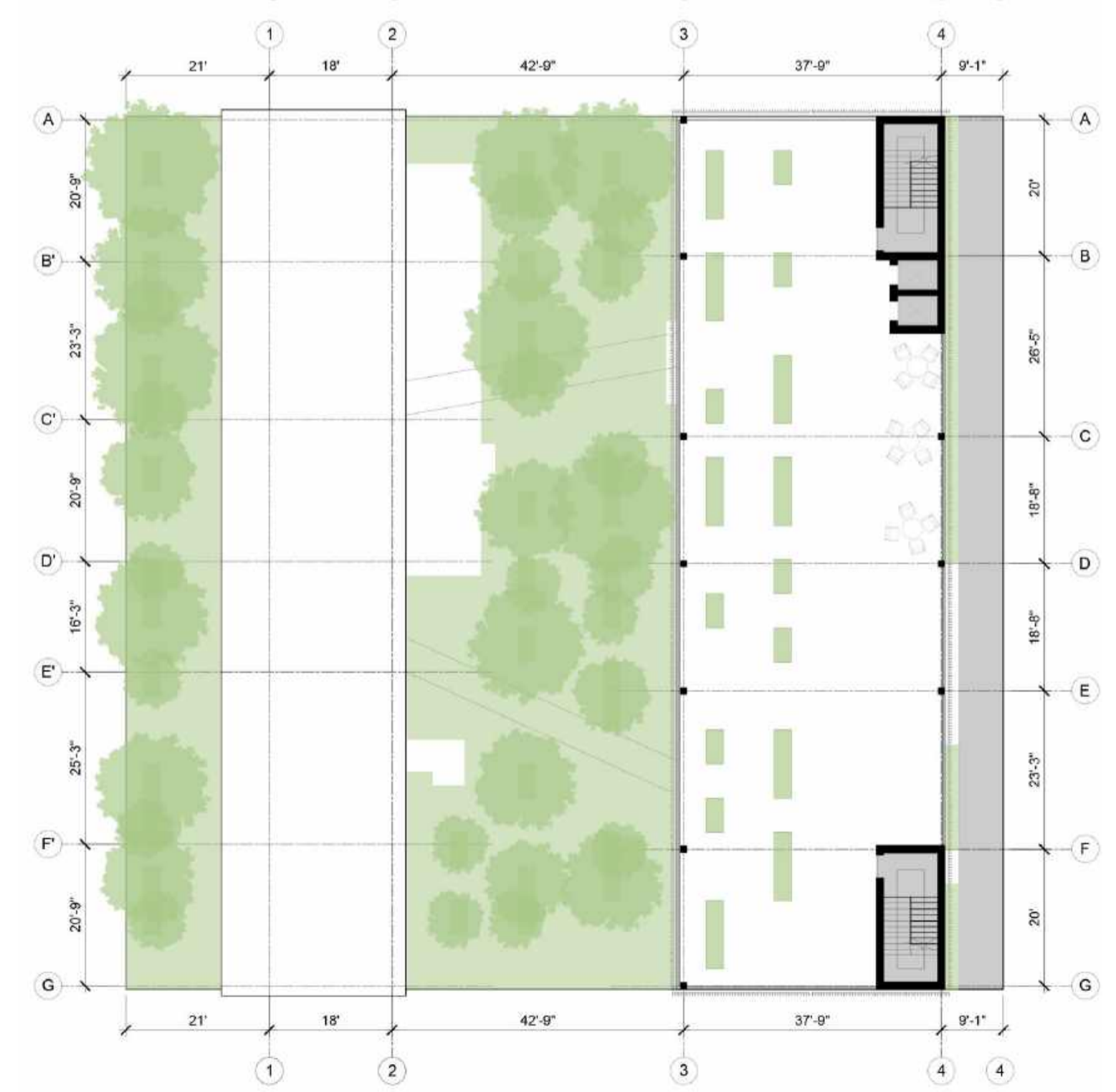
4TH FLOOR PLAN

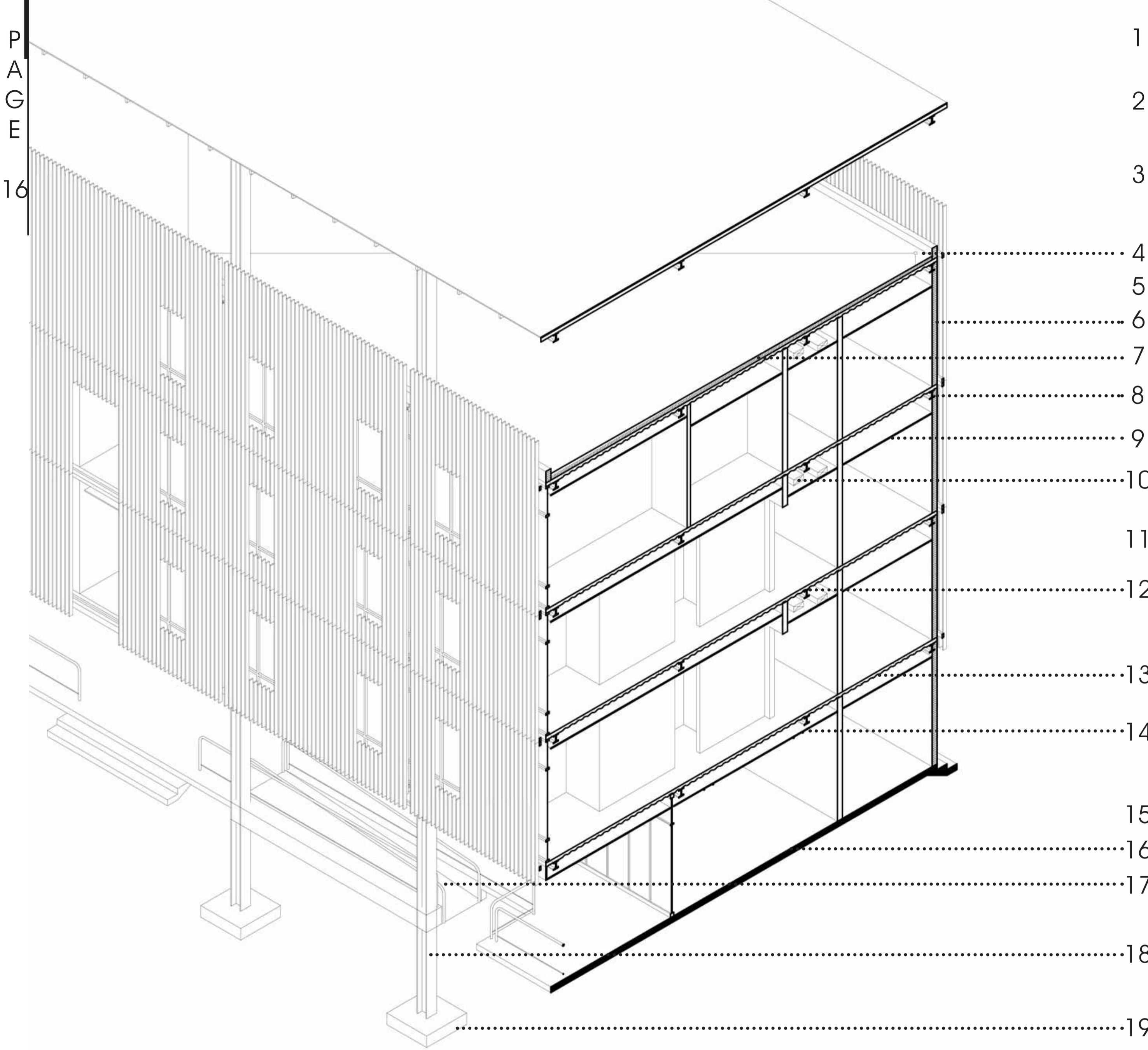


LEGEND

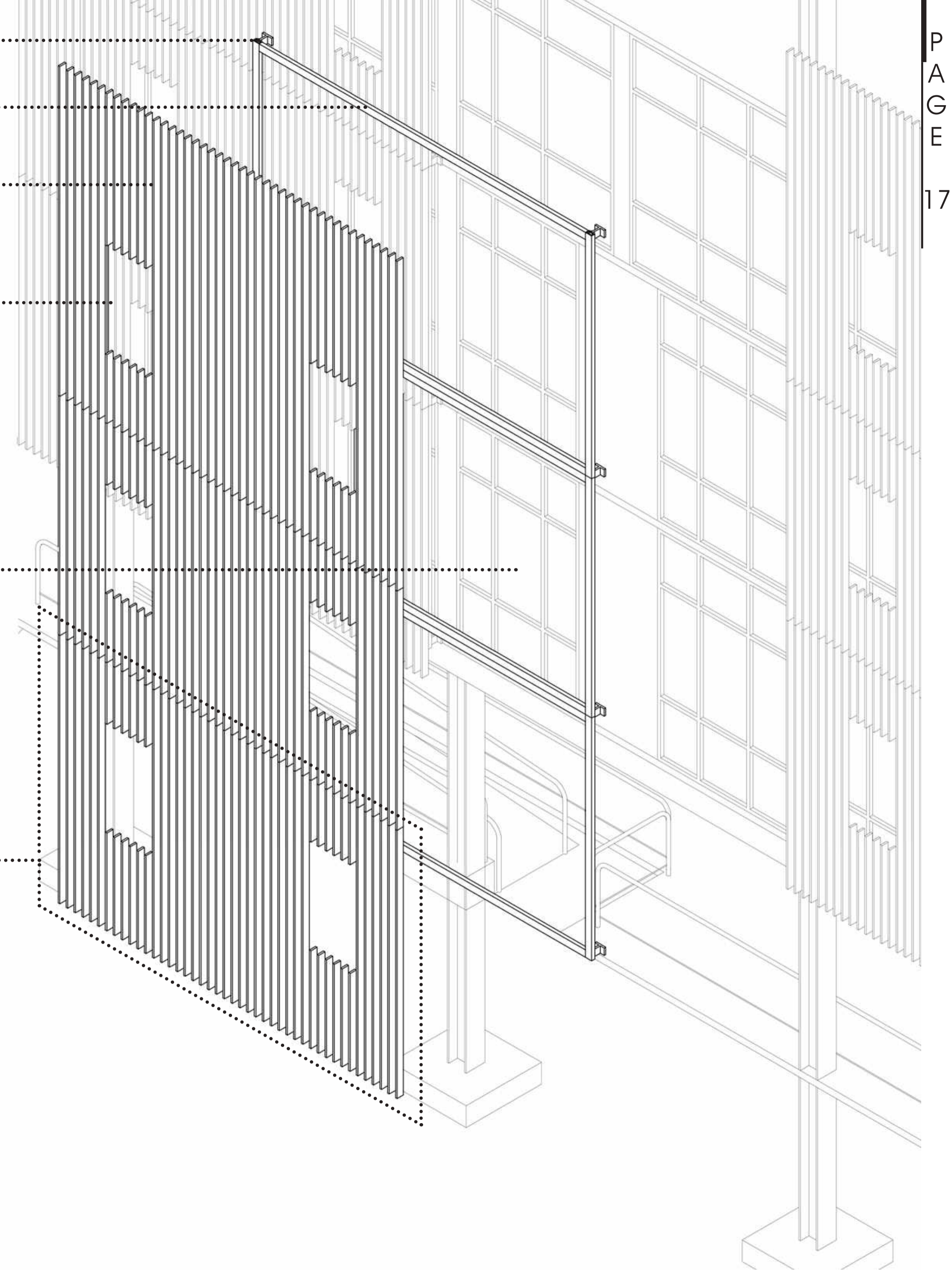
- 1. MAIN HALLWAY
- 2. GATHERING SPACE
- 3. ADMINISTRATION OFFICE
- 4. MECHANICAL ROOM
- 5. ELECTRICAL CLOSET
- 6. EXPERIENTIAL STAIRCASE

5TH FLOOR PLAN



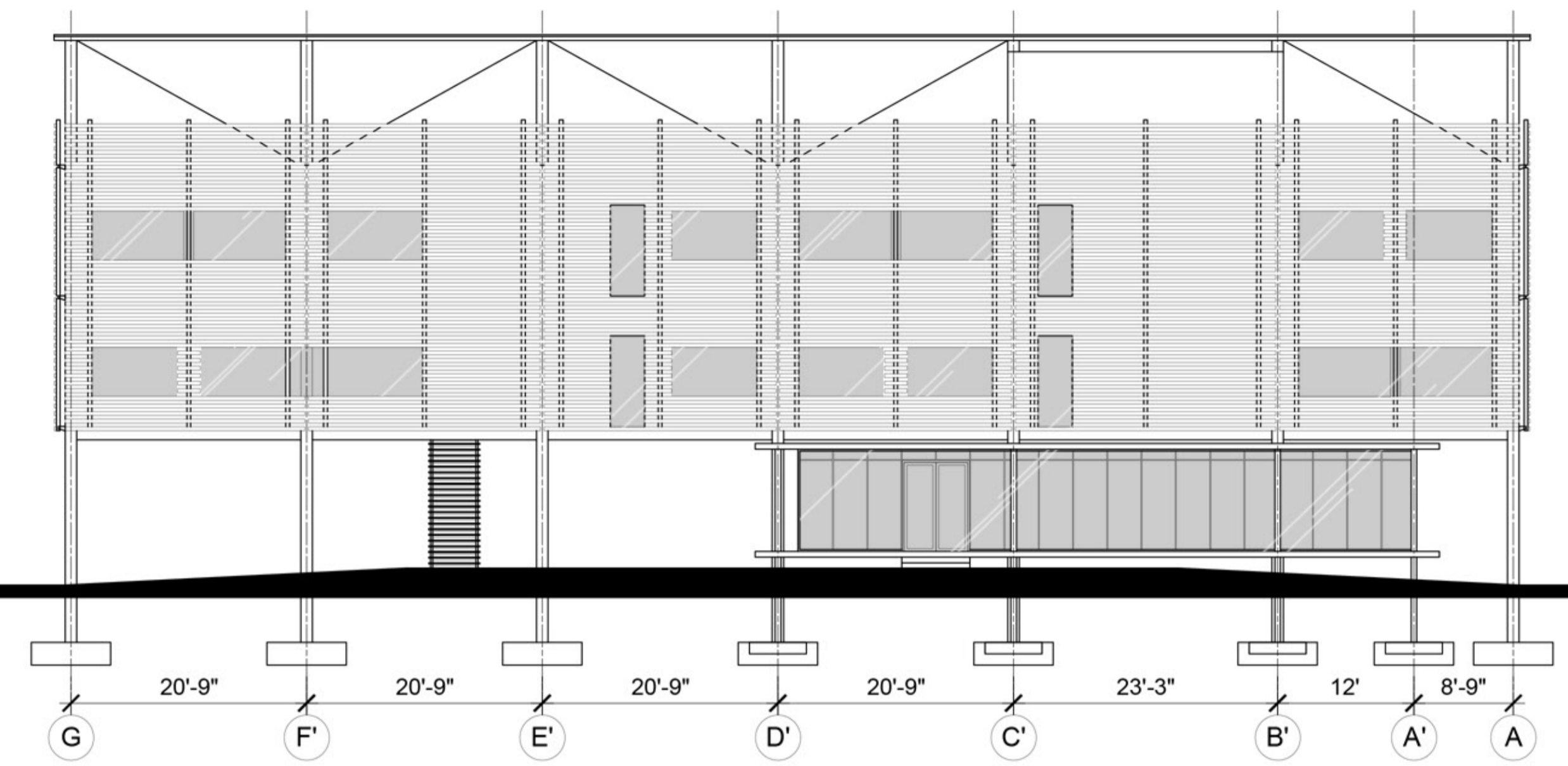
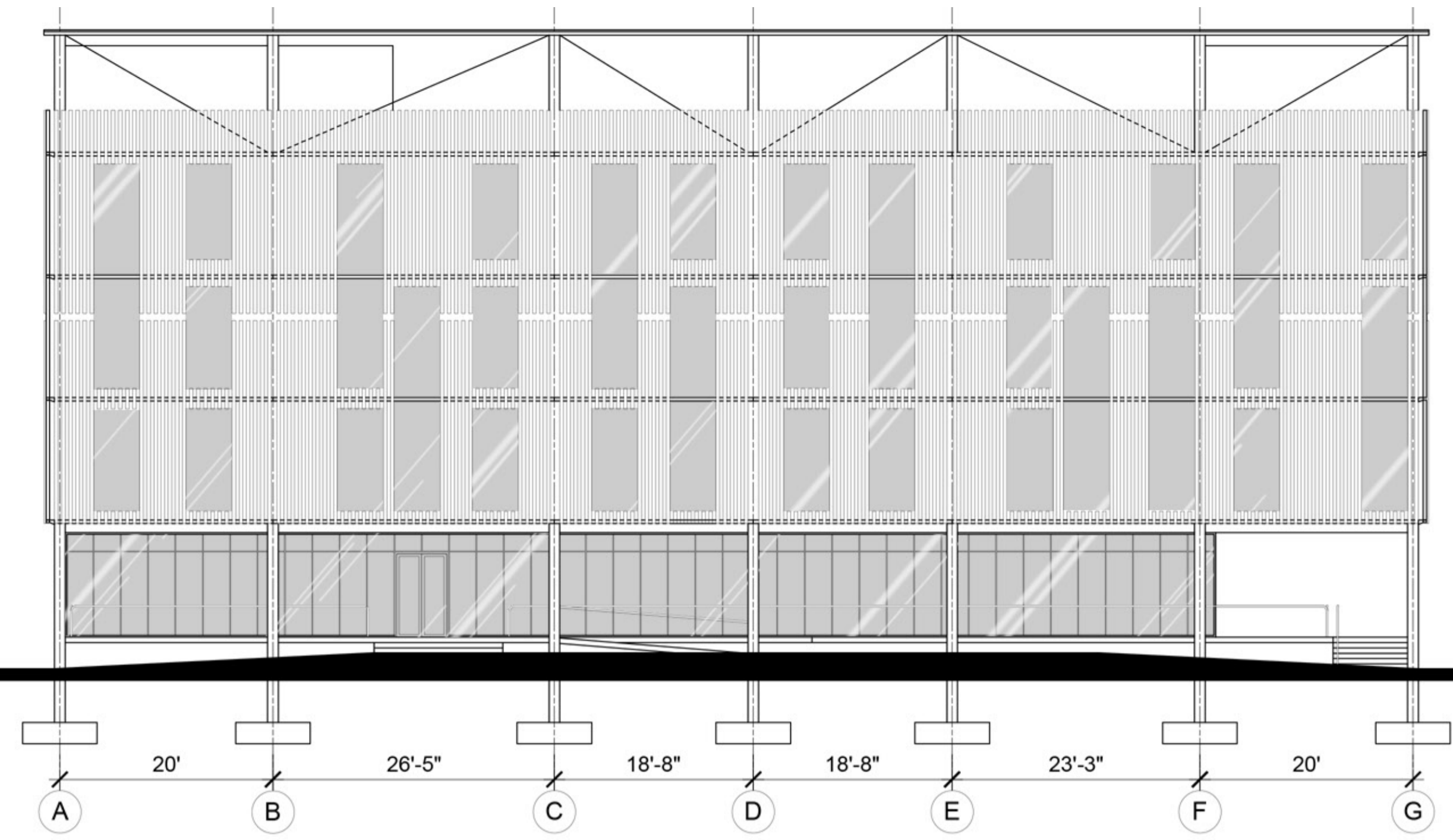


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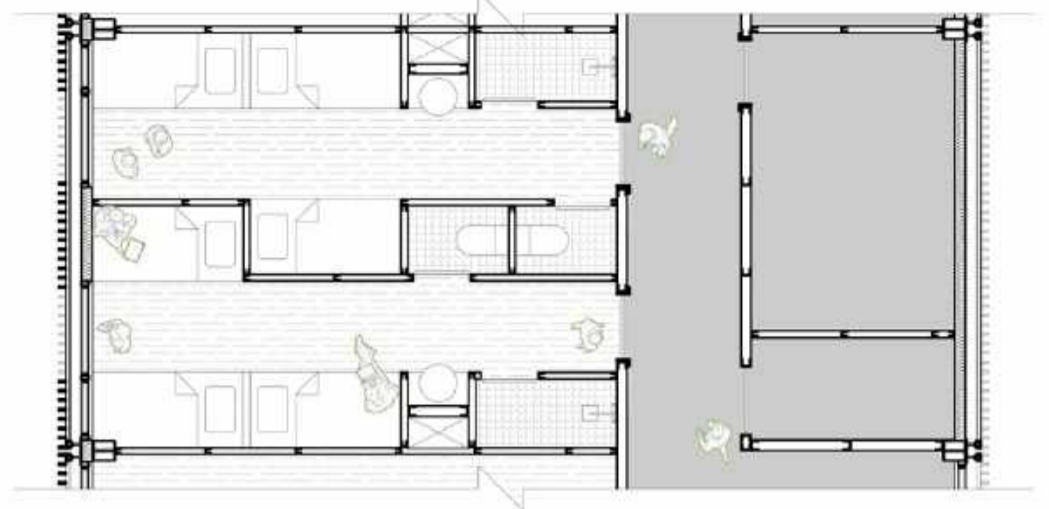
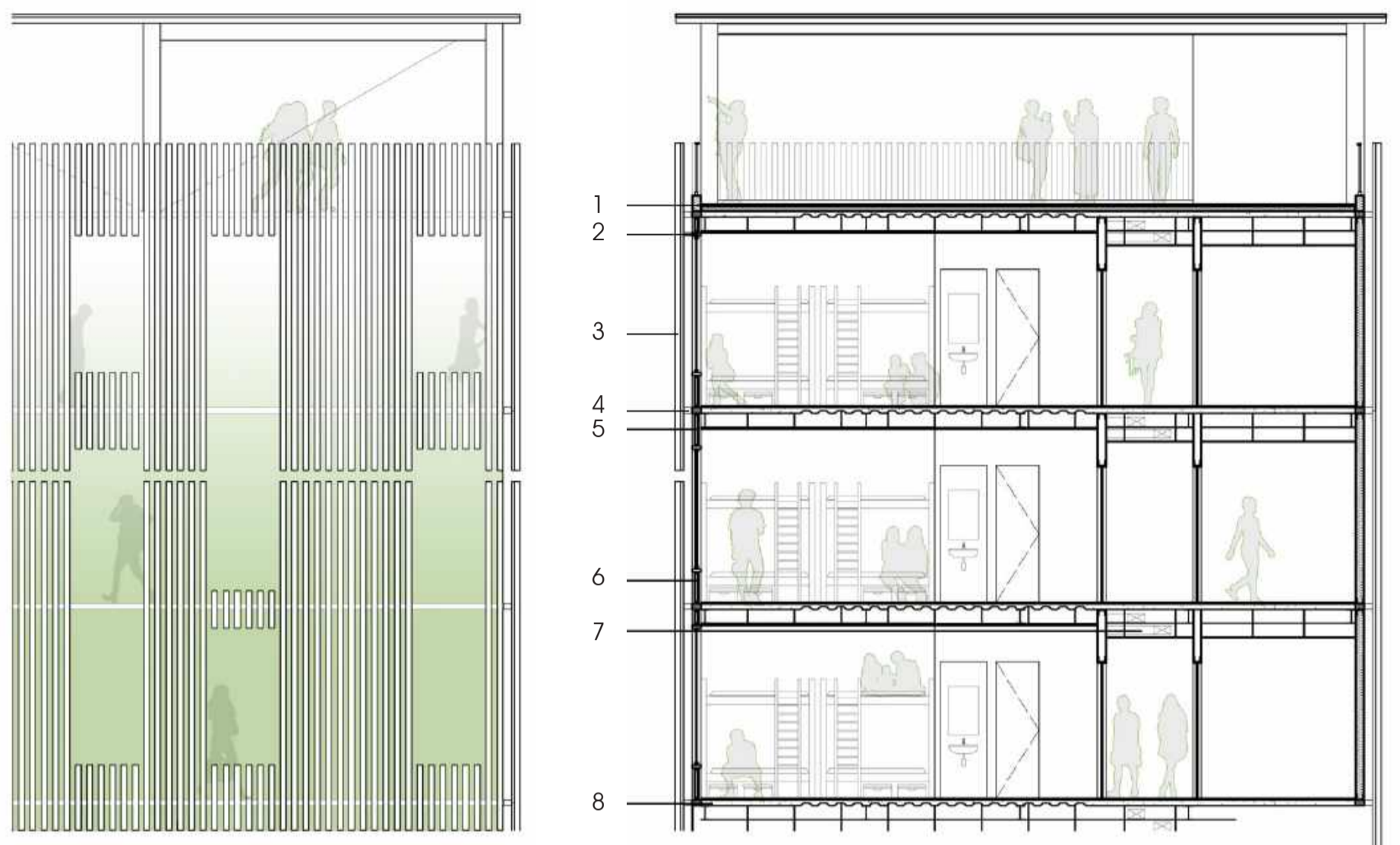


KEY

- 1. CONNECTORS
- 2. PRE-FABRICATED METAL FRAMES
- 3. RECYCLED METAL LOUVERS
- 4. ROOF DRAINAGE
- 5. WINDOW OPENING (ALIGNED WITH GLASS MULLION)
- 6. INSULATED EXTERIOR WALL
- 7. ROOF INSULATION
- 8. GIRDER (W10x30)
- 9. GYPSUM DROP CEILING
- 10. DUCTWORK
- 11. GLASS CURTAIN WALL
- 12. SUPPORTING BEAM
- 13. CONCRETE FLOOR SLAB
- 14. ACOUSTICAL DROP CEILING
- 15. FACADE PANELS
- 16. CONCRETE FLOOR FINISH
- 17. ADA 1/12 RAMP
- 18. COLUMN (W12x30)
- 19. CONCRETE FOOTING



ROOMS DETAILS SECTION AND PLAN



- KEY
- 1. ROOF INSULATION
 - 2. GLASS FACADE MULLION
 - 3. RECYCLED METAL LOUVERS
 - 4. CONNECTORS
 - 5. GYPSUM DROP CEILING
 - 6. INSULATED GLASS
 - 7. DUCTWORKS
 - 8. CONCRETE SLAB

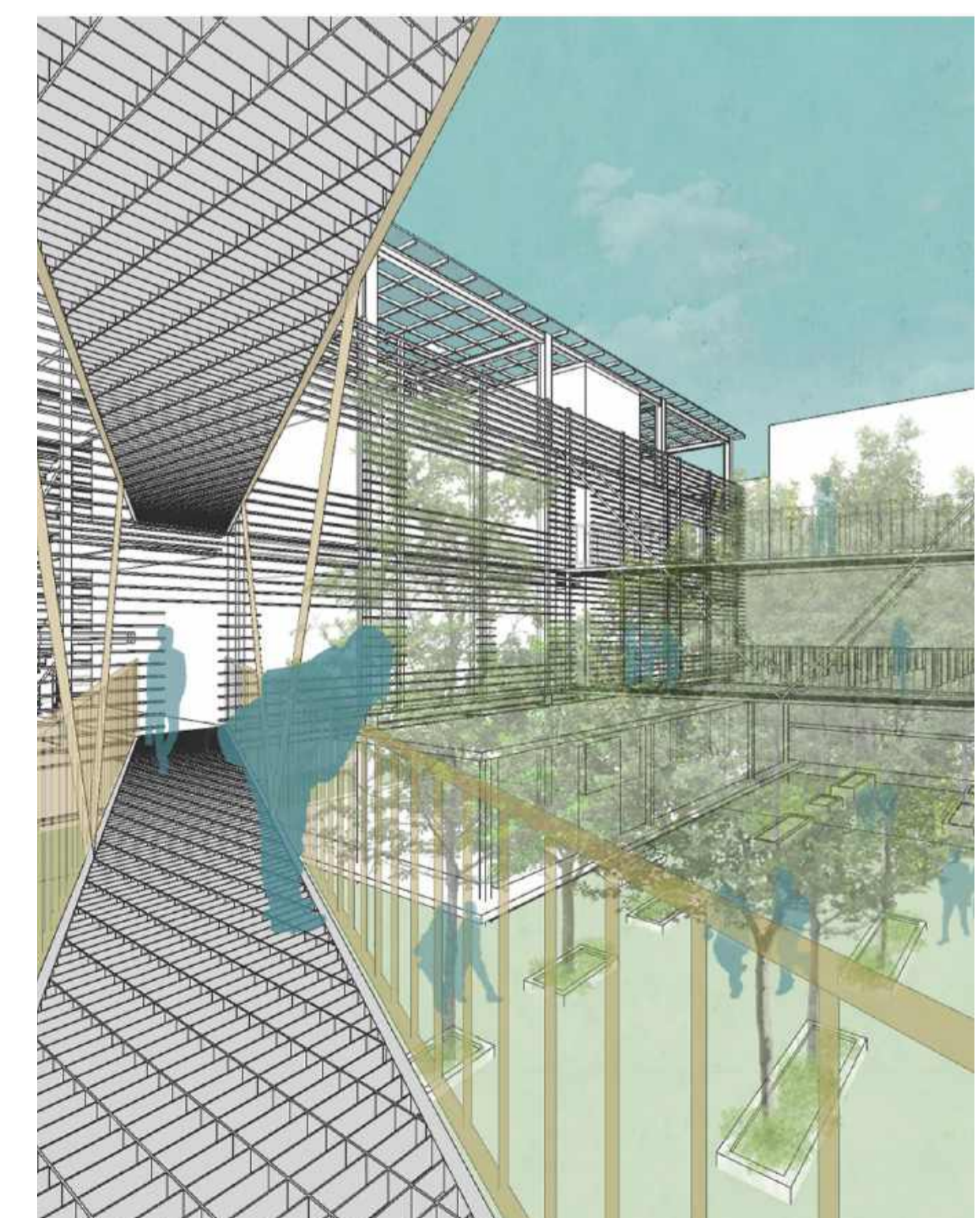
ROOMS TYPE LAYOUTS



BUILDING A



BUILDING B



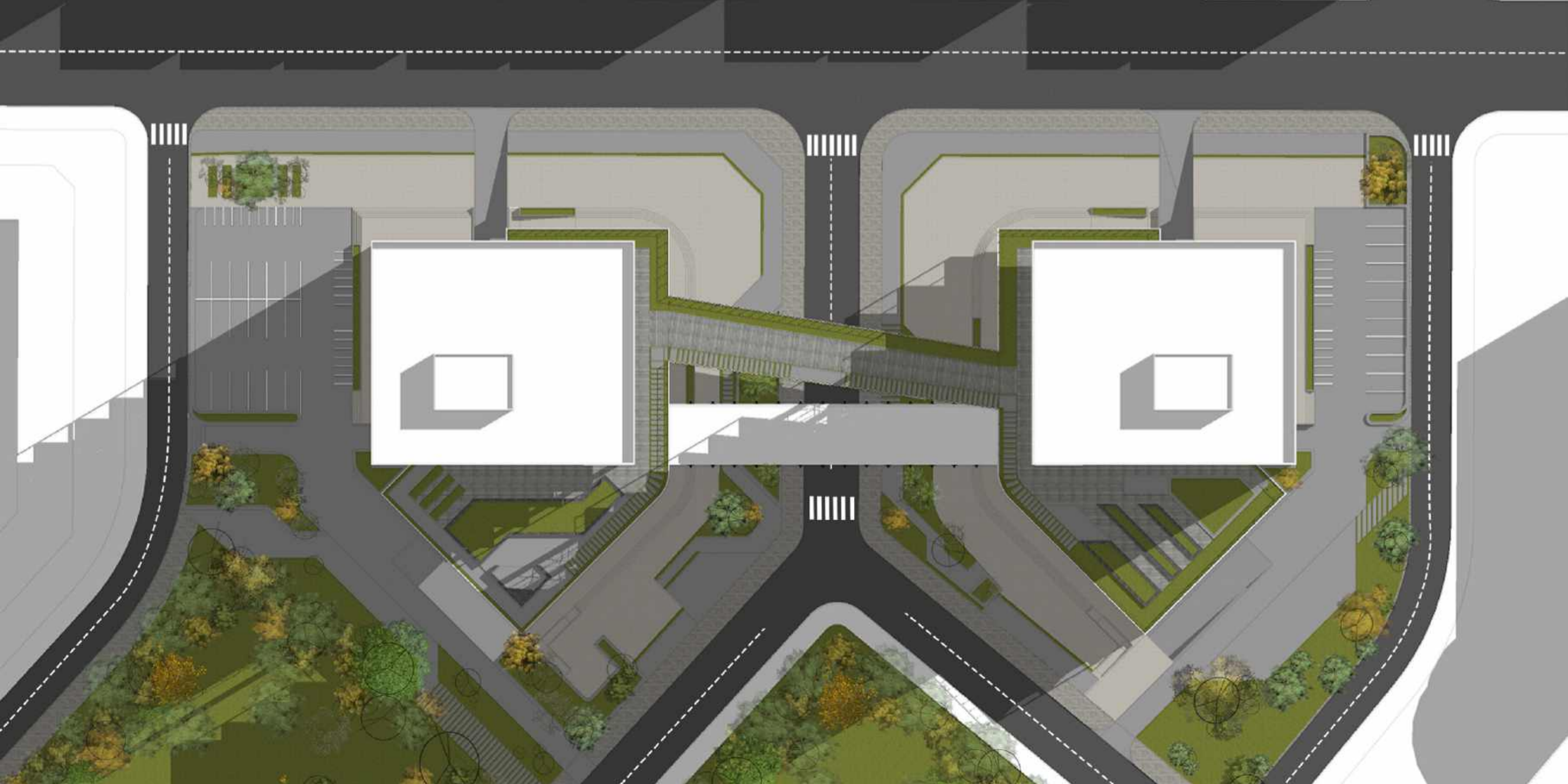
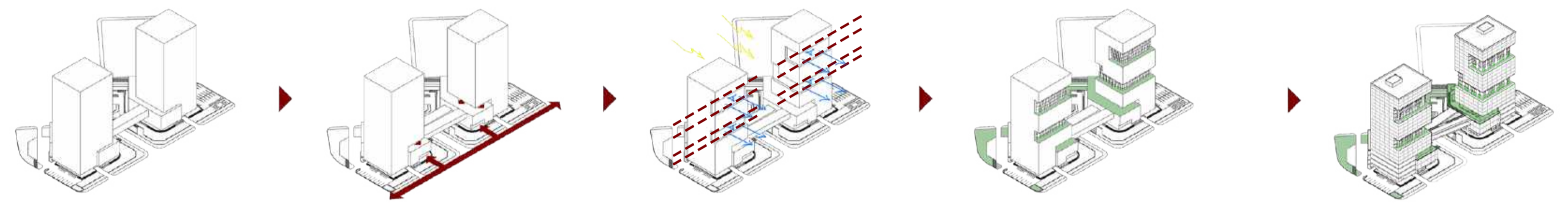


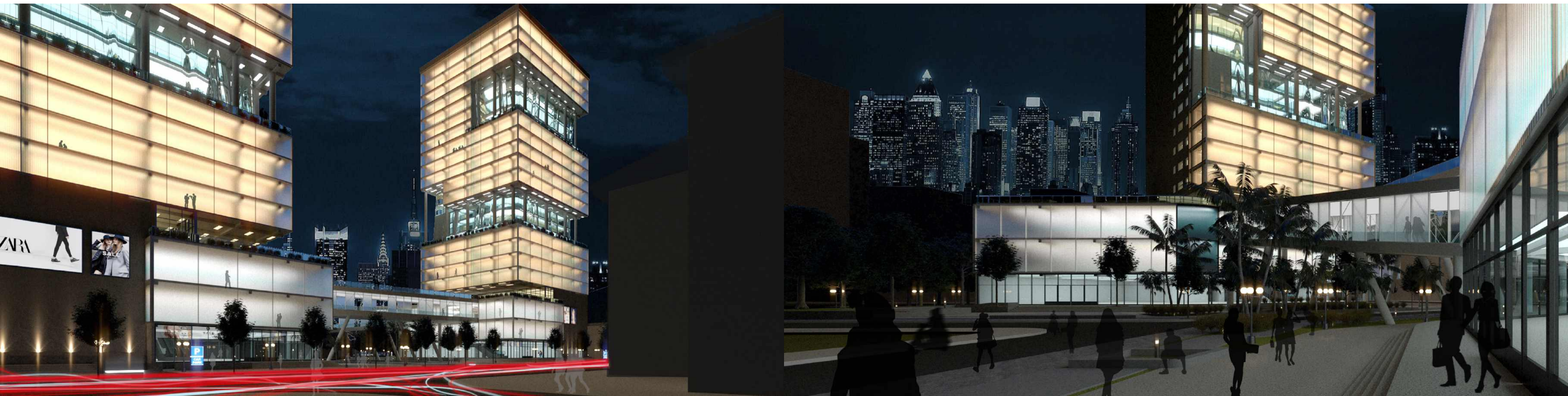
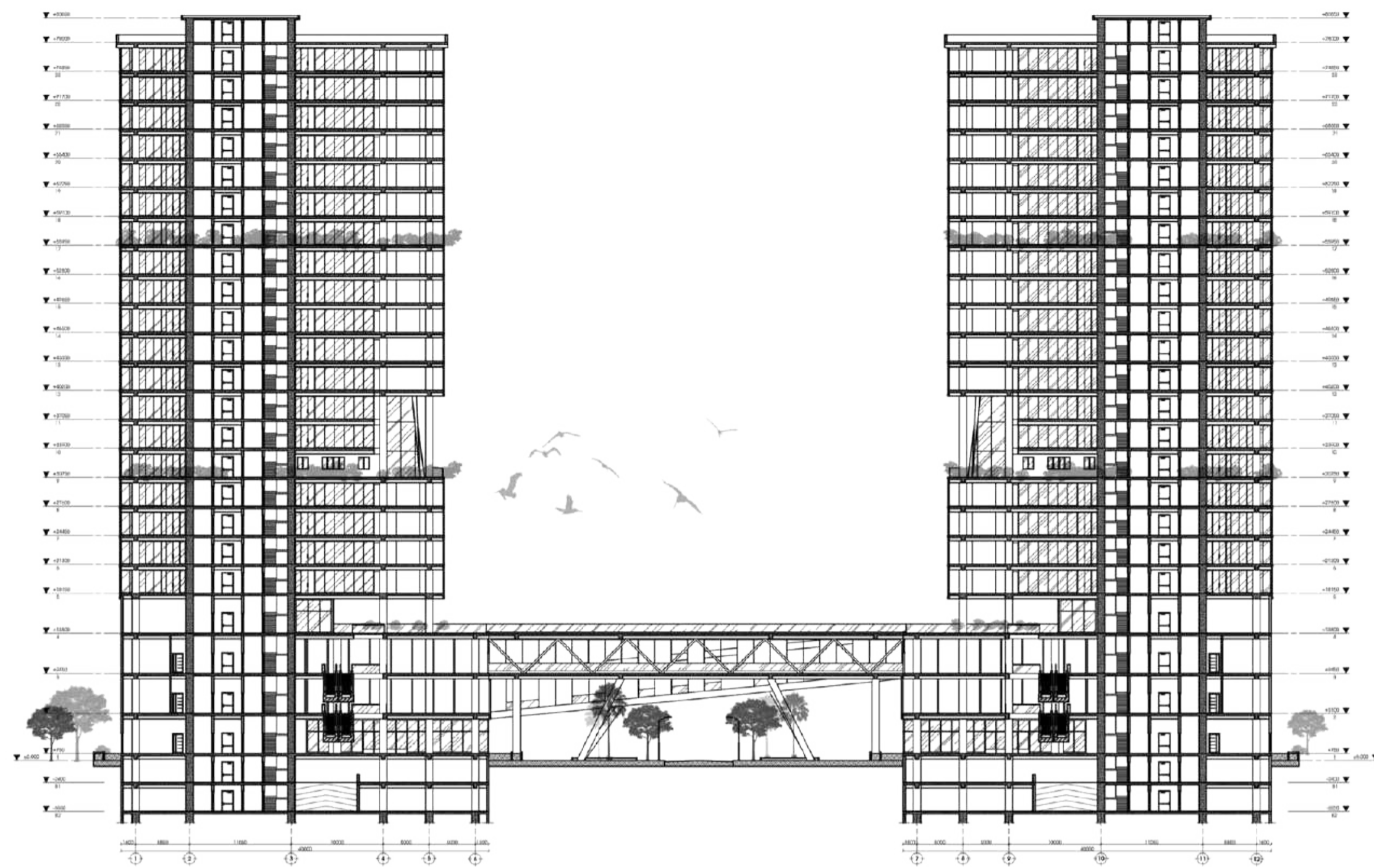
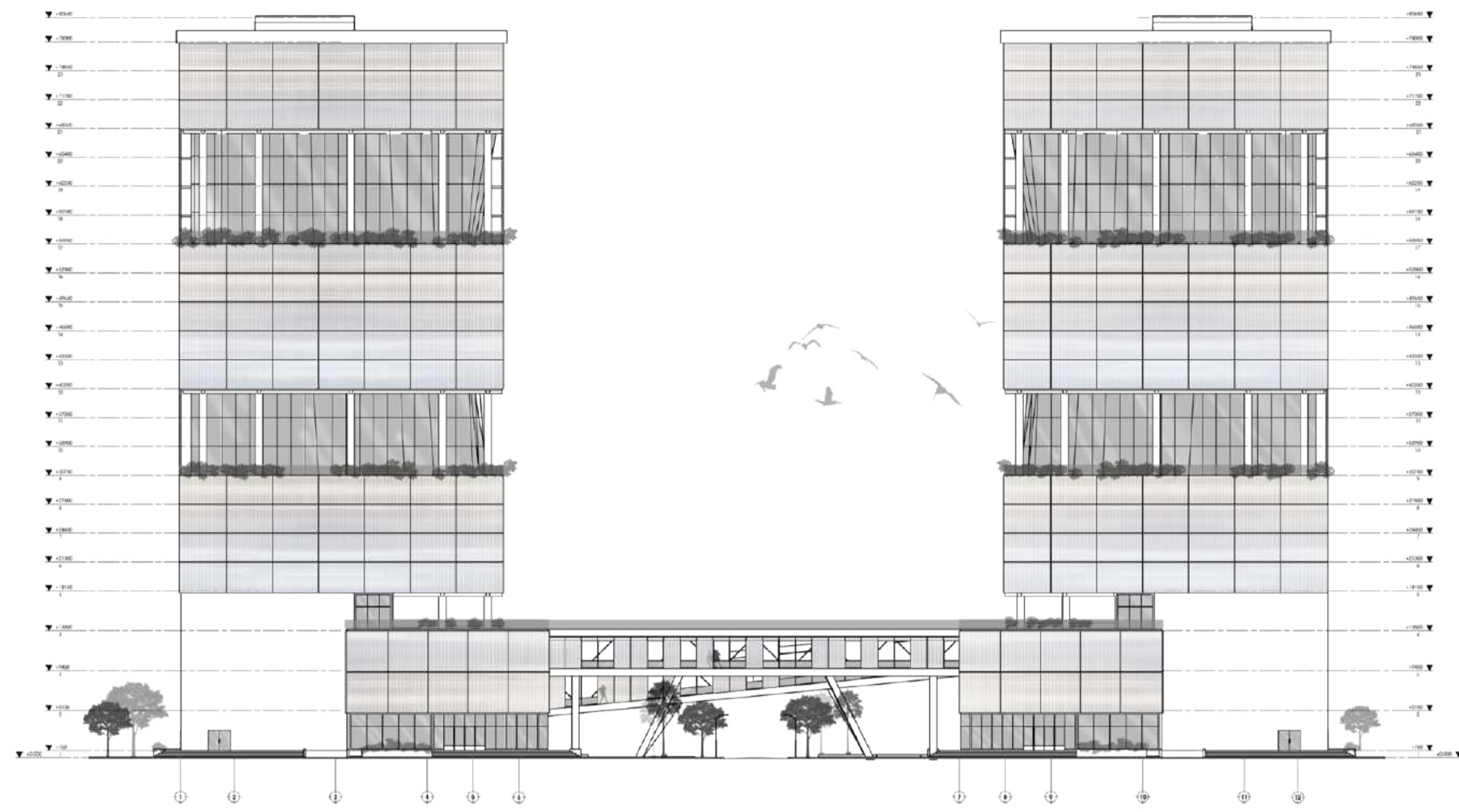
GRADUATION THESIS

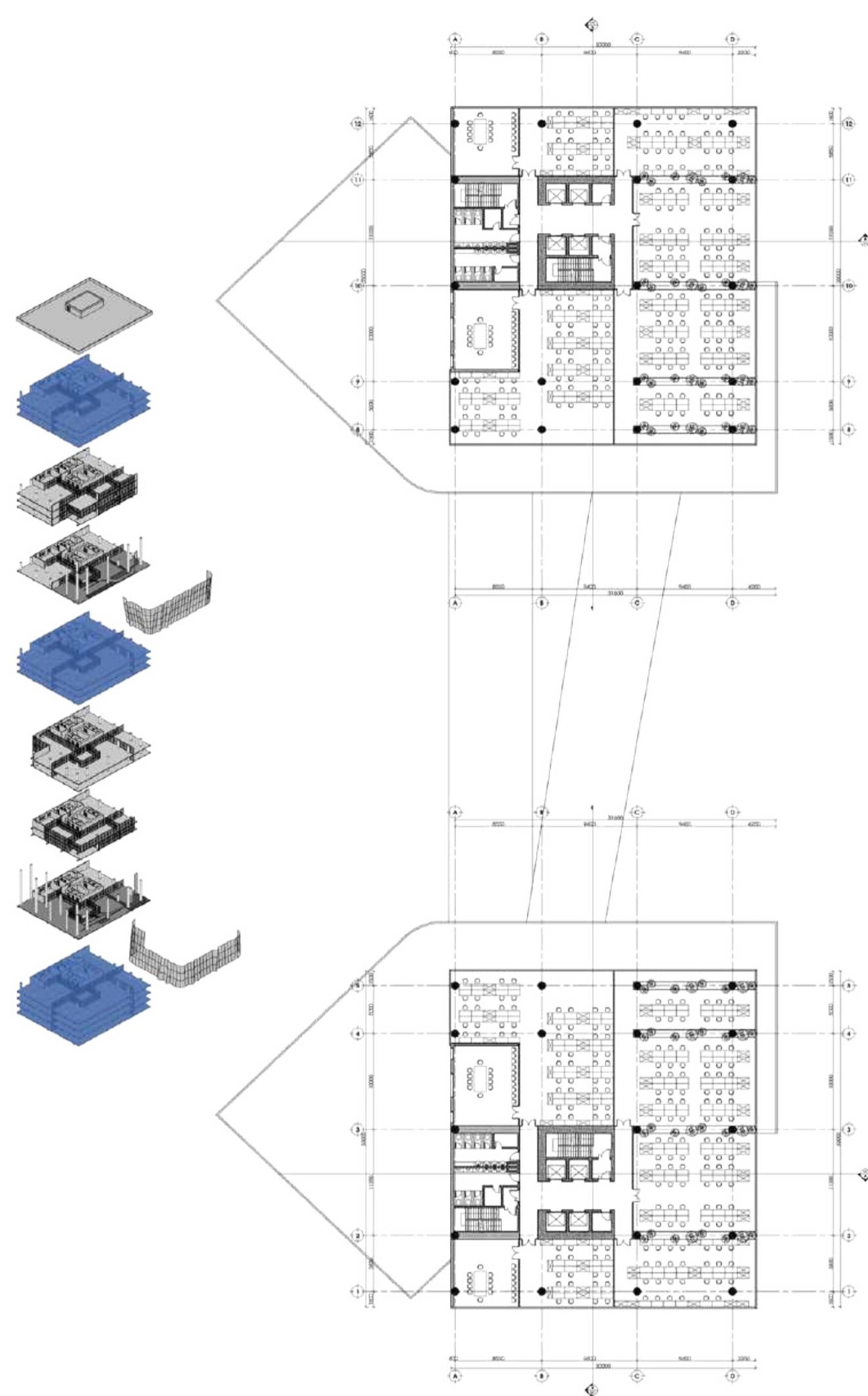
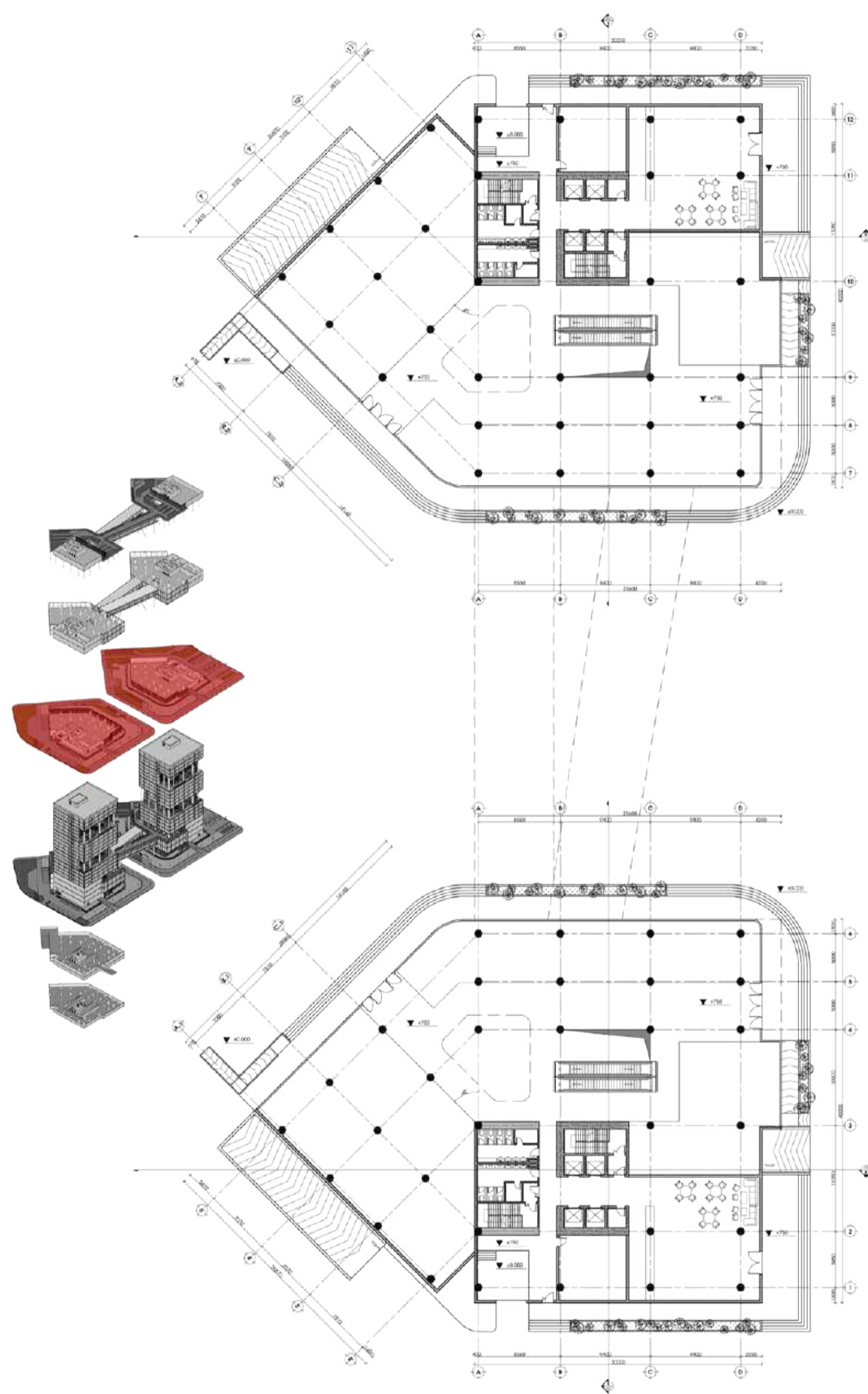
HANOI ARCHITECTURAL UNIVERSITY 2015-2020 GRADUATION THESIS

PROFESSOR: NGUYEN DINH PHONG

LOCATION: B1, B2 TRAN KIM XUYEN STREET, CAU GIAY DISTRICT, HANOI, VIETNAM.
 PROPERTY SIZE: 11,800 m²
 PROGRAM: MIXED-USE COMMERCIAL AND OFFICE
 BUILDING DENSITY: 40%
 MAXIMUM HEIGHT: 23 STORIES







INTERIOR DESIGN STUDIO

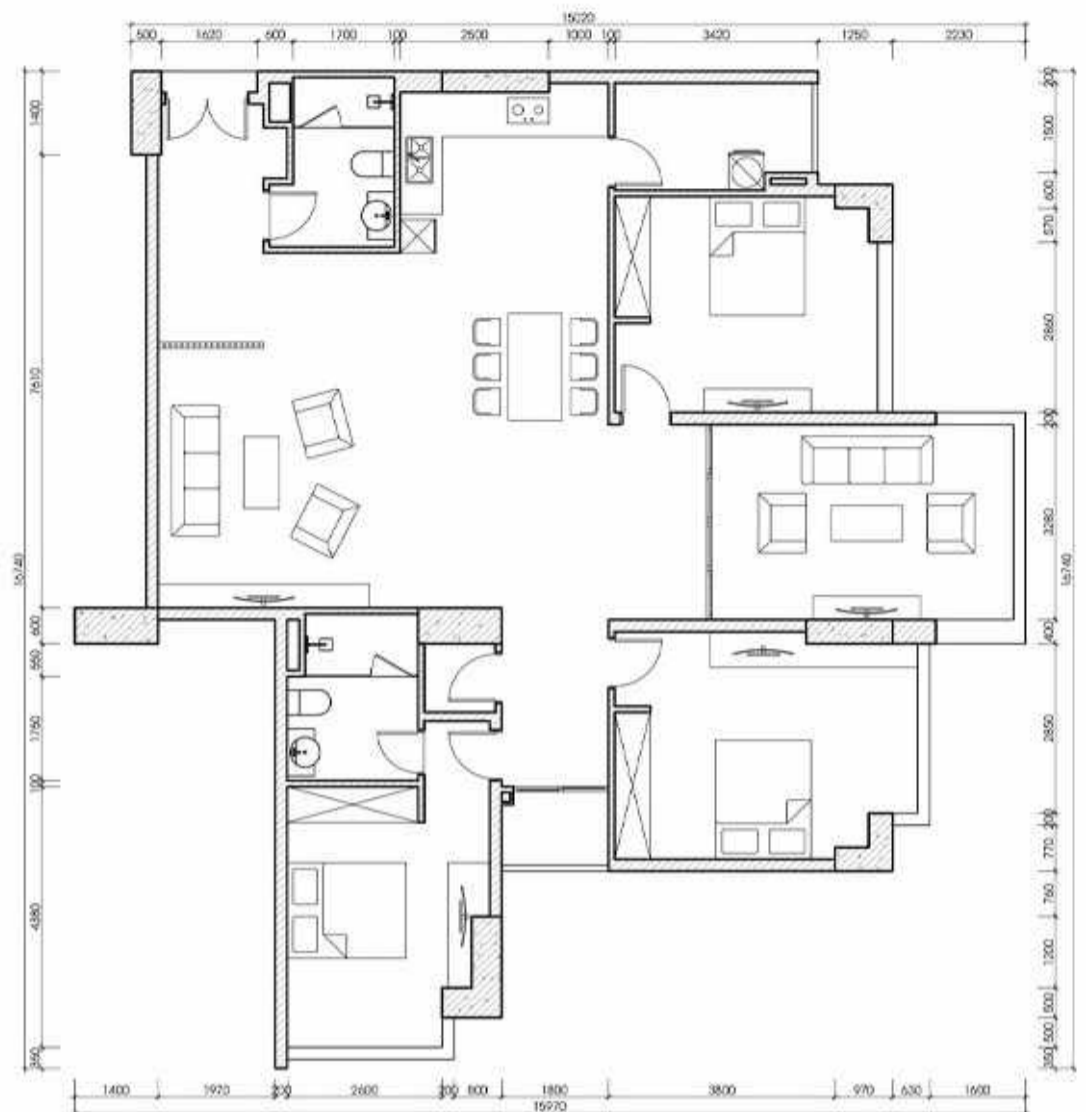
HANOI ARCHITECTURAL UNIVERSITY



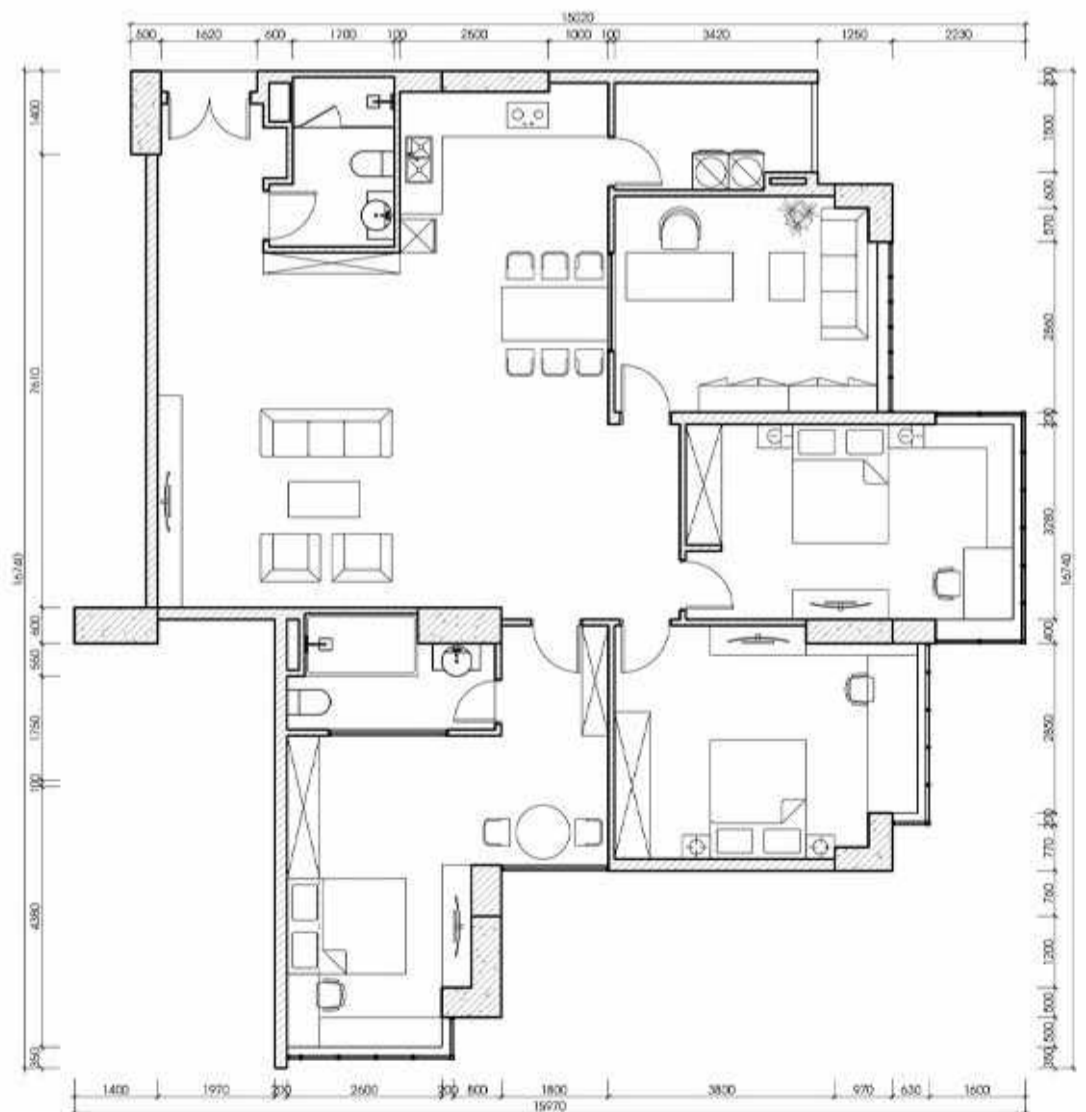
LOCATION: YEN HOA SUNSHINE APARTMENT COMPLEX, 9 VU PHAM HAM STREET, HANOI, VIETNAM.

PROPERTY SIZE: 280 m²
 PROGRAM: SINGLE FAMILY RESIDENTIAL
 REQUIREMENTS: 3 BEDROOMS (1 MASTER) INCLUDE 1 HOME OFFICE PRIOTIZE LARGER SPACE FOR FAMILY GATHERING.

RENDERING PROGRAM: V-RAY
 3D MODELING PROGRAM: SKETCH-UP



ORIGINAL FLOOR PLAN



RENOVATED FLOOR PLAN



STUDIO B

INTERIOR DESIGNS AND RENDERINGS
MENTOR: NGUYEN TUAN HUY
POSITION: INTERN

PROJECT T230

LOCATION: LANG LUA VAN PHUC,
HA DONG, HANOI, VIETNAM.
PROPERTY SIZE: 230 m²
PROGRAM: SINGLE FAMILY RESIDENTIAL

RENDERING PROGRAM: V-RAY
3D MODELING PROGRAM: SKETCH-UP



PROJECT HB250

LOCATION: 284 TRAN HUNG DAO STREET,
HOA BINH, VIETNAM.
PROPERTY SIZE: 250 m²
PROGRAM: HOMESTAY BUSINESS
RESPONSIBILITY: 3D RENDERER

RENDERING PROGRAM: V-RAY
3D MODELING PROGRAM: SKETCH-UP





THIEN VAN INTERIOR

INTERIOR DESIGNS AND RENDERINGS
POSITION: COLABORATOR



PROJECT Q90

PROPERTY SIZE: 90 m²
 PROGRAM: SINGLE FAMILY RESIDENTIAL
 RENDERING PROGRAM: V-RAY
 3D MODELING PROGRAM: SKETCH-UP





HACID

HANOI CONSTRUCTION
CONSULTANT &
URBAN DEVELOPMENT
INVESTMENT, .JSC

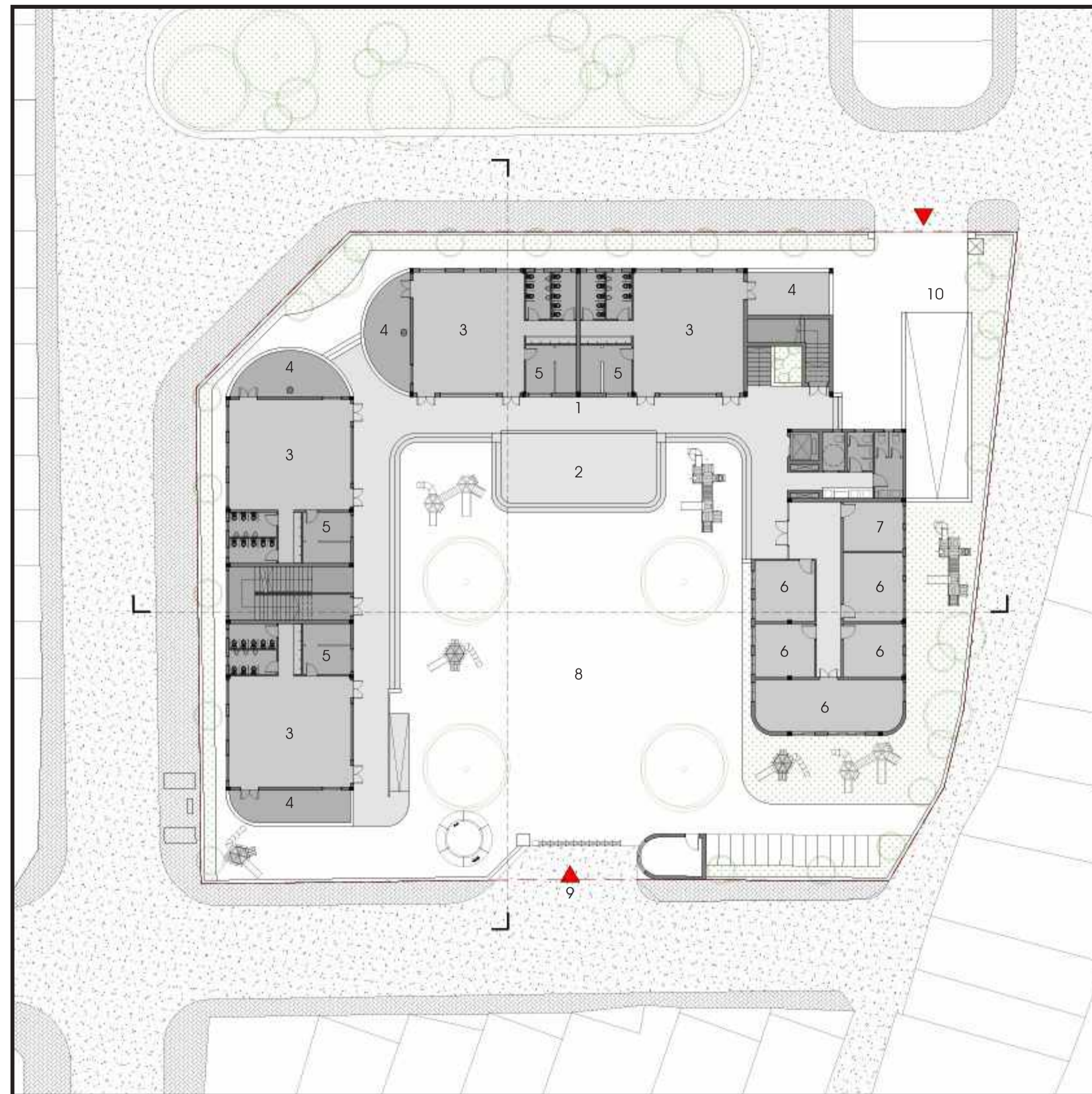
POSITION: JUNIOR ARCHITECT



SON CA KINDERGARTEN

INVESTOR: PEOPLE'S COMMITTEE
OF CAU GIAY DISTRICT
LOCATION: 48 NGUYEN CHANH,
CAU GIAY, HANOI, VIETNAM
PROPERTY SIZE: 2.034,1 m²
BUILDING DENSITY: 40%

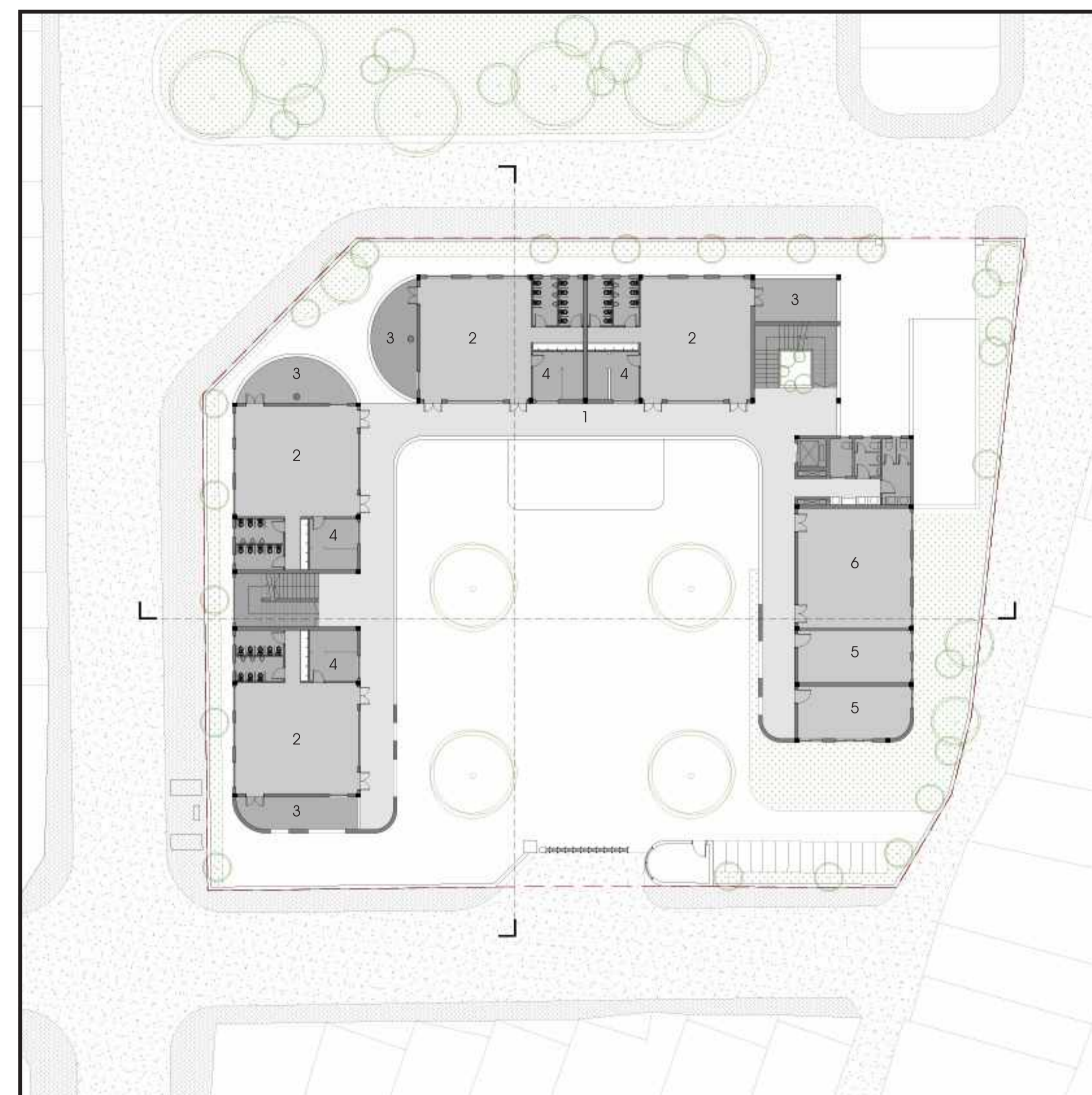
PROGRAM: KINDER-GARTEN
RENDERING PROGRAM: ENSCAPE
3D MODELING PROGRAM: SKETCH-UP



FIRST FLOOR PLAN

LEGEND

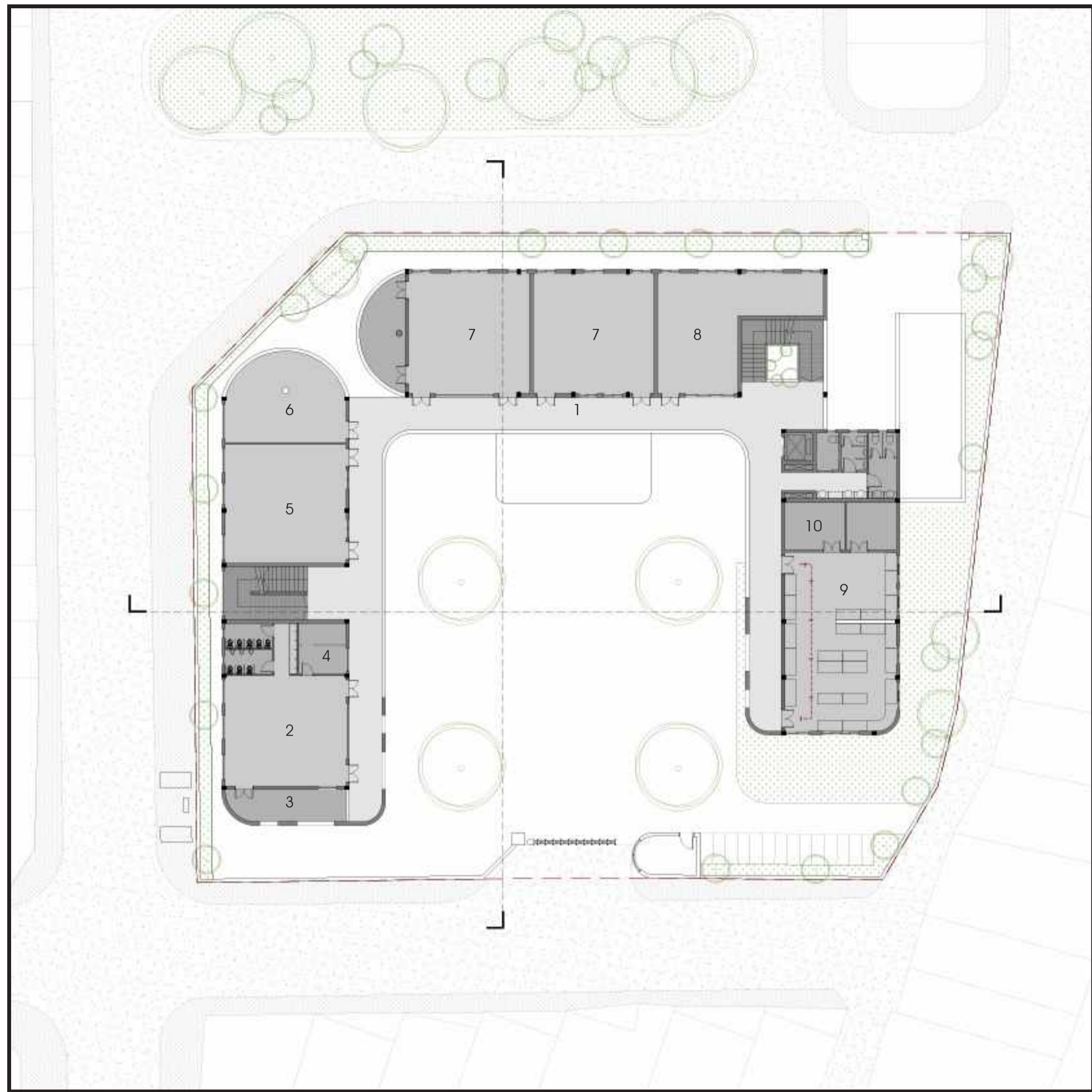
- | | |
|-----------------------------|---------------------|
| 1. OUTSIDE CORRIDOR | 6. OFFICE |
| 2. OUTDOOR'S STAGE | 7. INFIRMARY |
| 3. NURSERY ROOM | 8. PLAYGROUND |
| 4. PLAYROOM | 9. MAIN ENTRANCE |
| 5. STAFF'S ROOM AND STORAGE | 10. GARAGE ENTRANCE |



SECOND FLOOR PLAN

LEGEND

- | | |
|------------------------------|-----------------------------|
| 1. OUTSIDE CORRIDOR | 4. STAFF'S ROOM AND STORAGE |
| 2. NURSERY ROOM | 5. HEADMASTER OFFICE |
| 3. CLASS'S PRIVATE PLAY AREA | 6. MEETING ROOM |



THIRD FLOOR PLAN

LEGEND

- | | |
|------------------------------|------------------------|
| 1. OUTSIDE CORRIDOR | 6. MULTI-MEDIA ROOM |
| 2. NURSERY ROOM | 7. MULTI-FUNCTION ROOM |
| 3. CLASS'S PRIVATE PLAY AREA | 8. LIBRARY |
| 4. STAFF'S ROOM AND STORAGE | 9. KITCHEN |
| 5. MUSICAL ROOM | 10. STORAGE |



MASTER PLAN



SECTION A - A



SECTION B - B





INDIVIDUAL WORKS

ARCH - 6311

DIGITAL MEDIA - FALL 2022

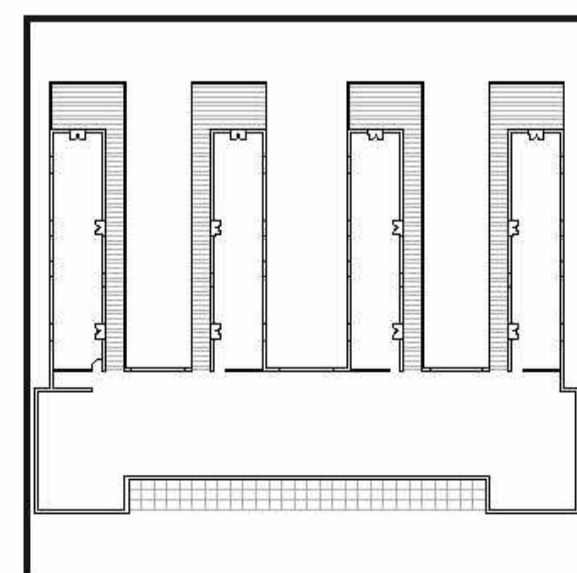
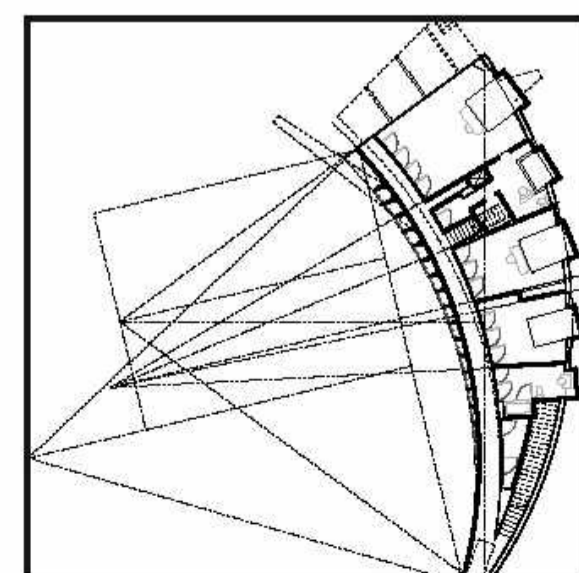
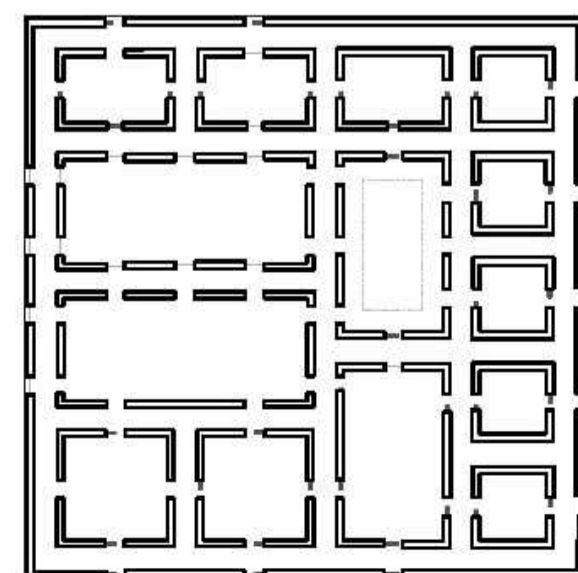
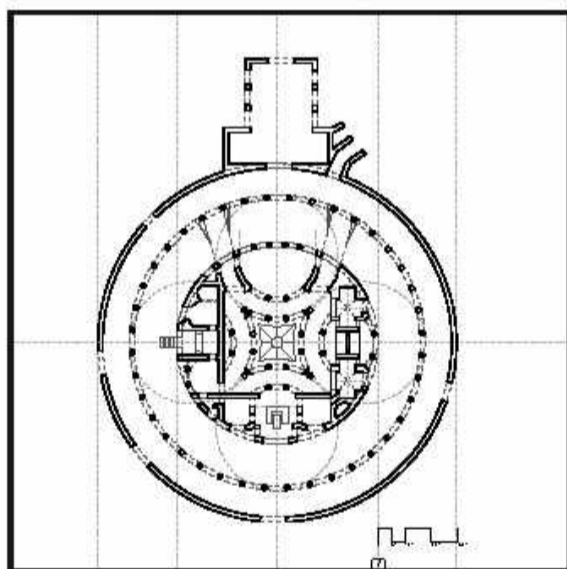
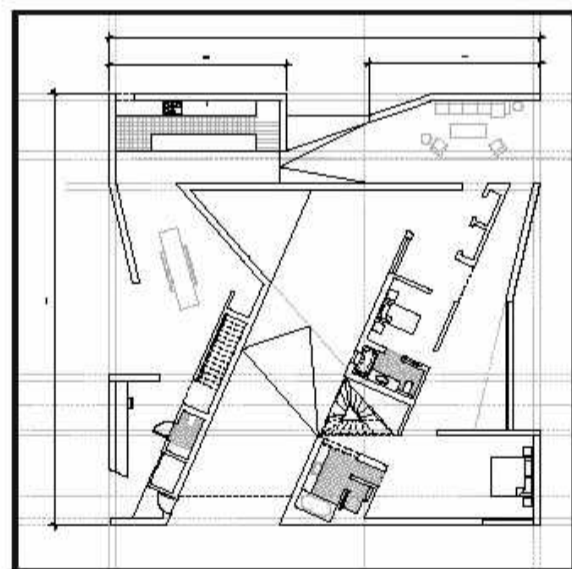
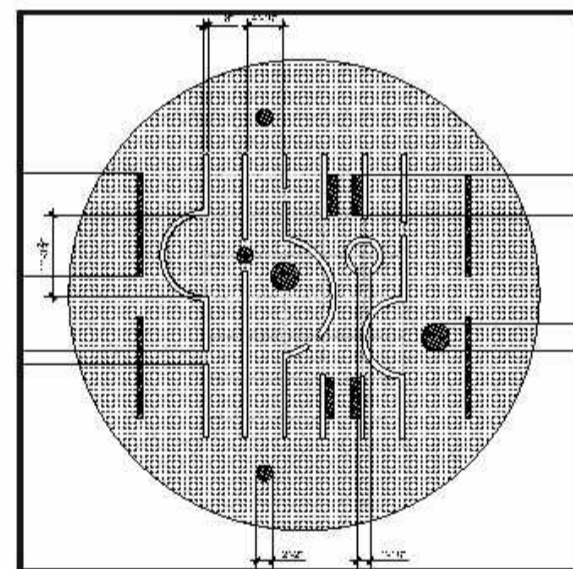
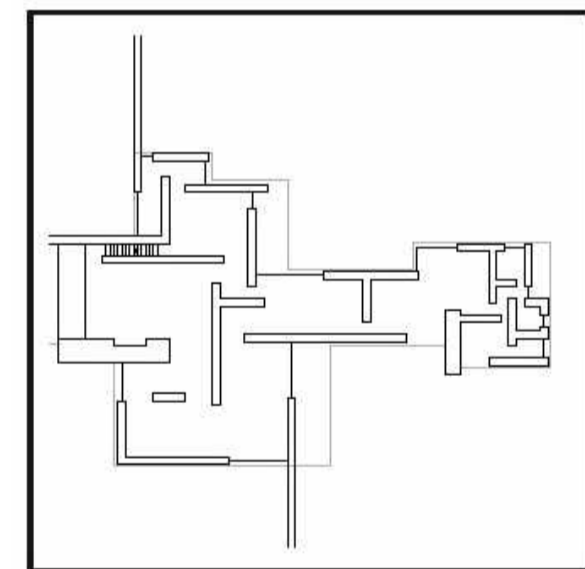
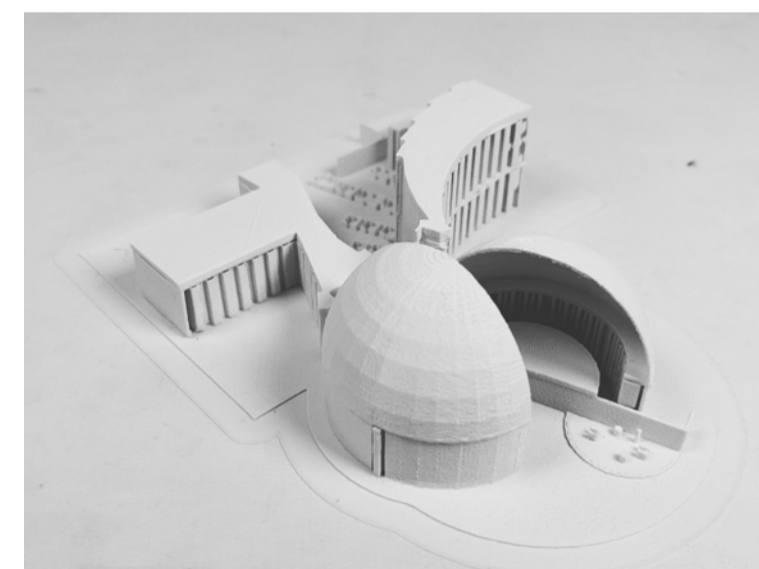
PROFESSOR: S. OMAR ALI AND NIMET ANWAR

ASSIGNMENT 1: PLAN PATTERNS AND MASHUP

USING COMPOSITIONAL RIDDLES AS AN ORGANIZATIONAL FRAMEWORK, CONSTRUCTING A FICTIONAL, YET PRECISE AND CAREFULLY RECONSTRUCTED FLOOR PLAN THAT COMBINES FRAGMENTS FROM A MINIMUM OF FIVE PRECEDENTS. THIS IS A GRAPHICAL REMIX, THE CONCLUSION OF WHICH FUSES A MEDLEY OF RECOGNIZABLE, EVEN ICONIC, PARTS, DETACHED FROM THEIR WHOLE.

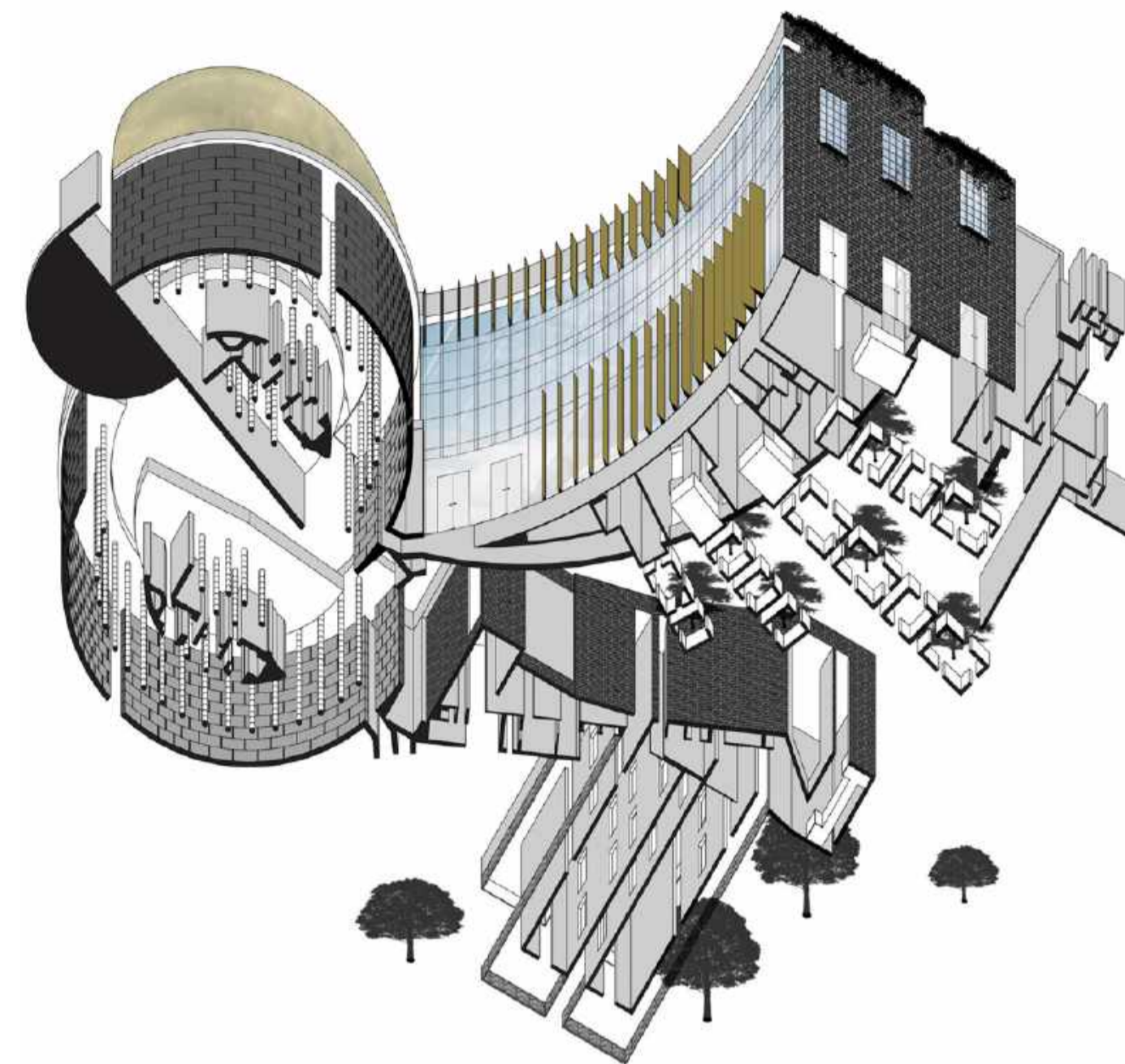
FOR THIS ASSIGNMENT I USED A TOTAL OF SEVEN PRECEDENTS:

- BRICK COUNTRY HOUSE - MIES VAN DER ROHE
- SONBEEK PAVILION - ALDO VAN EYCK
- HOUSE WITH A VOID - STUDIO SEAN CANTI
- TEATRO MARITIMO AT HADRIAN'S VILLA - HADRIAN
- SLOW HOUSE - ELIZABETH DILLER
- ALVALADE HOUSE - AIRES MATEUS
- VILLA AND PAVILION - ALDO ROSSI



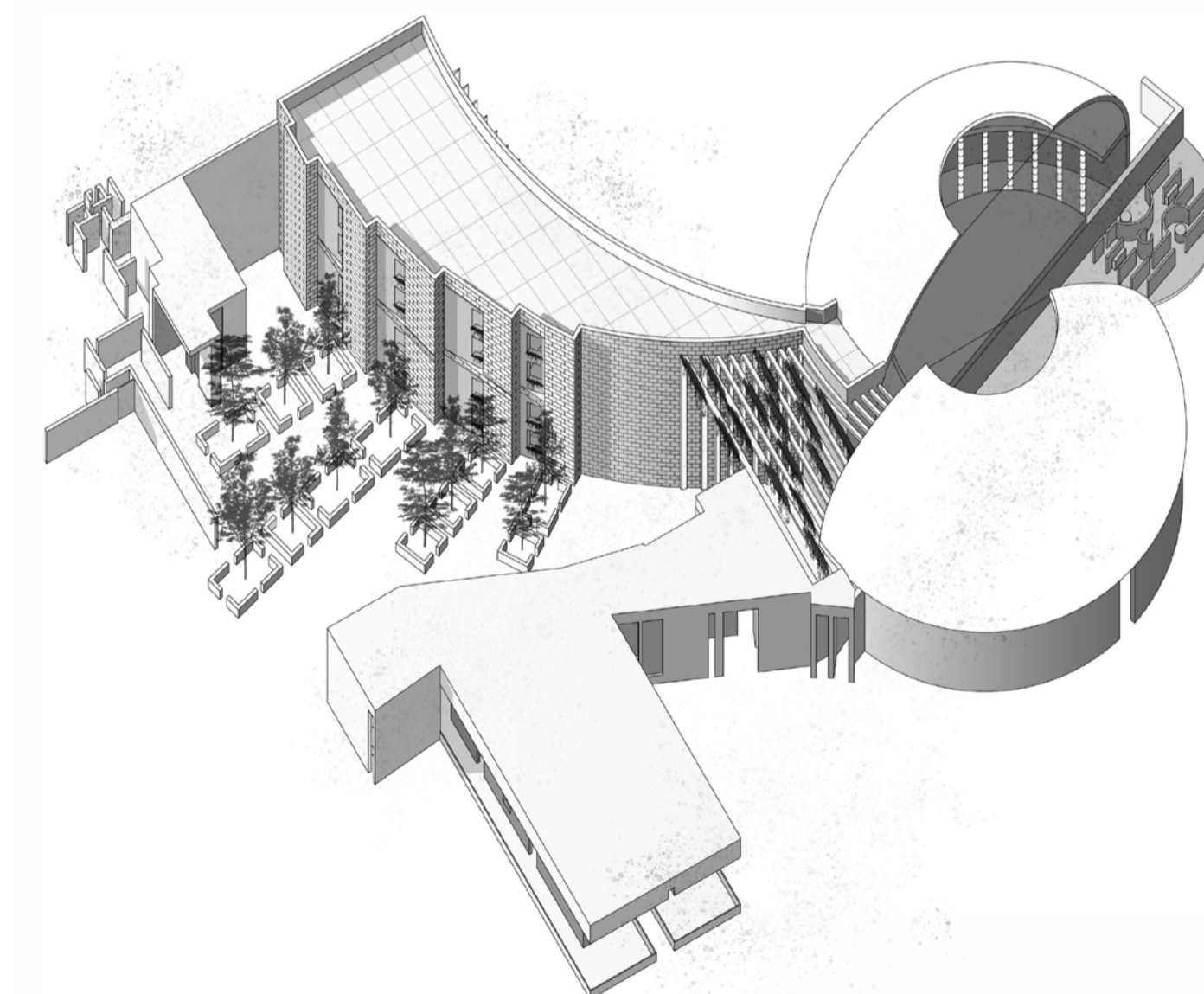
ASSIGNMENT 2: WORM'S EYE OBLIQUE

MY COMPOSITIONAL RIDDLE "A FLOOR PLAN THAT BREAKS" CAME FROM THE IDEA OF COMBINING CURVES WITH STRAIGHT EDGES. AFTERWARD, PLAN MASHUP WAS USED TO GENERATE A 90° OBLIQUE PROJECTION DRAWING. THE PLAN GENERATES FIRST LEVEL'S ELEVATION. ABOVE THE FIRST LEVEL, THE DRAWING IS A WORK OF FICTION. THE COMPOSITIONAL RIDDLE MAY BE USED TO ASSIST IN DEFINING THE ELEVATION.



ASSIGNMENT 3: BIRD'S EYE AXONOMETRIC

SIMILAR TO ASSIGNMENT 2, THIS IS THE SAME PLAN ONLY GENERATED INTO AN AXONOMETRIC PROJECTION DRAWING (30-60° FROM ABOVE). HOWEVER, THERE IS A CATCH FOR THIS ASSIGNMENT WHERE YOU HAVE TO FOLLOW A LIST OF PRECEDENTS AND FIND A WAY TO BEST REPRESENT THEM IN YOUR DRAWINGS. I ENDED UP CHOOSING DOLMA'S PROJECT - FIRST OFFICE AS A BASE.





ASSIGNMENT 4: COPY CAT

THIS IS BY FAR MY BEST WORK IN THE SERIES, AS I WAS LOOKING THROUGH THE LIST OF PRECEDENTS, THIS PERSPECTIVE RENDERING BY PALMA WAS THE MOST CAPTIVATING TO ME AS IT CLEARLY SHOWS THE PEACEFUL ATMOSPHERE. THE RELATIONSHIP BETWEEN THE DETAILS AND THERE IS SOMEHOW A CONVERSATION DEMONSTRATED THROUGH A 2D DRAWING. THIS IS ALSO THE GOAL OF THE ASSIGNMENT AS I TRY TO BRING THE DRAWING TO LIFE.



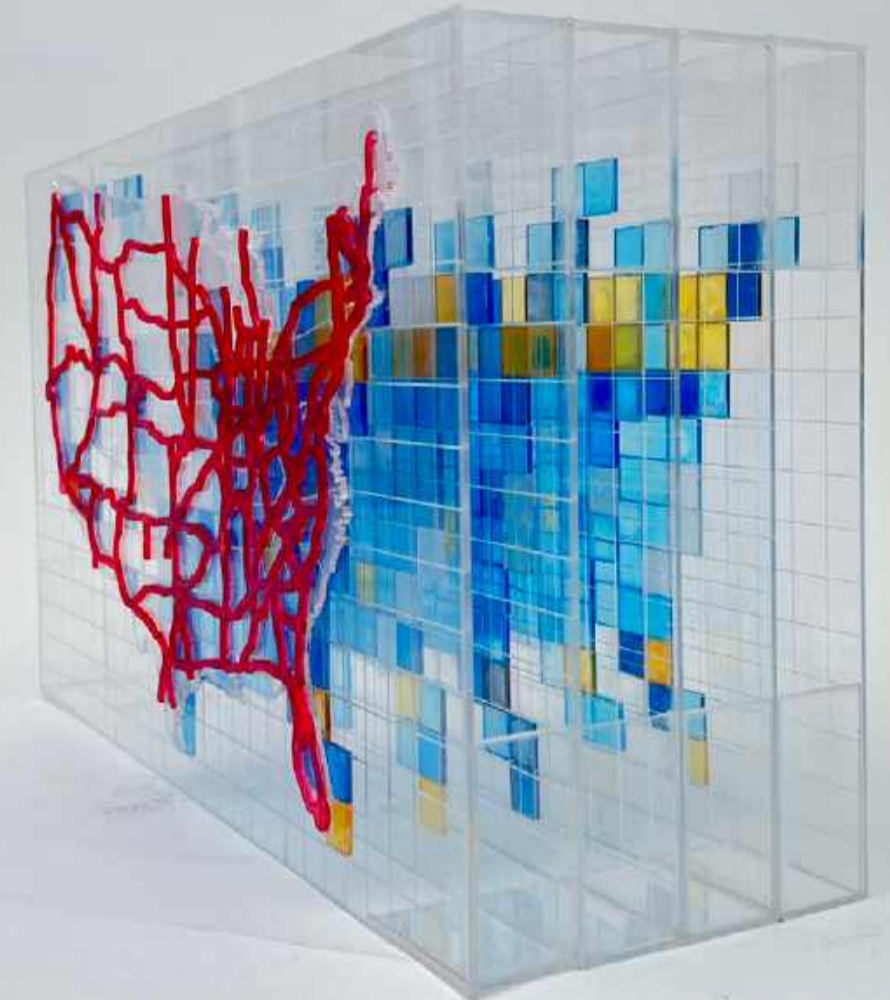
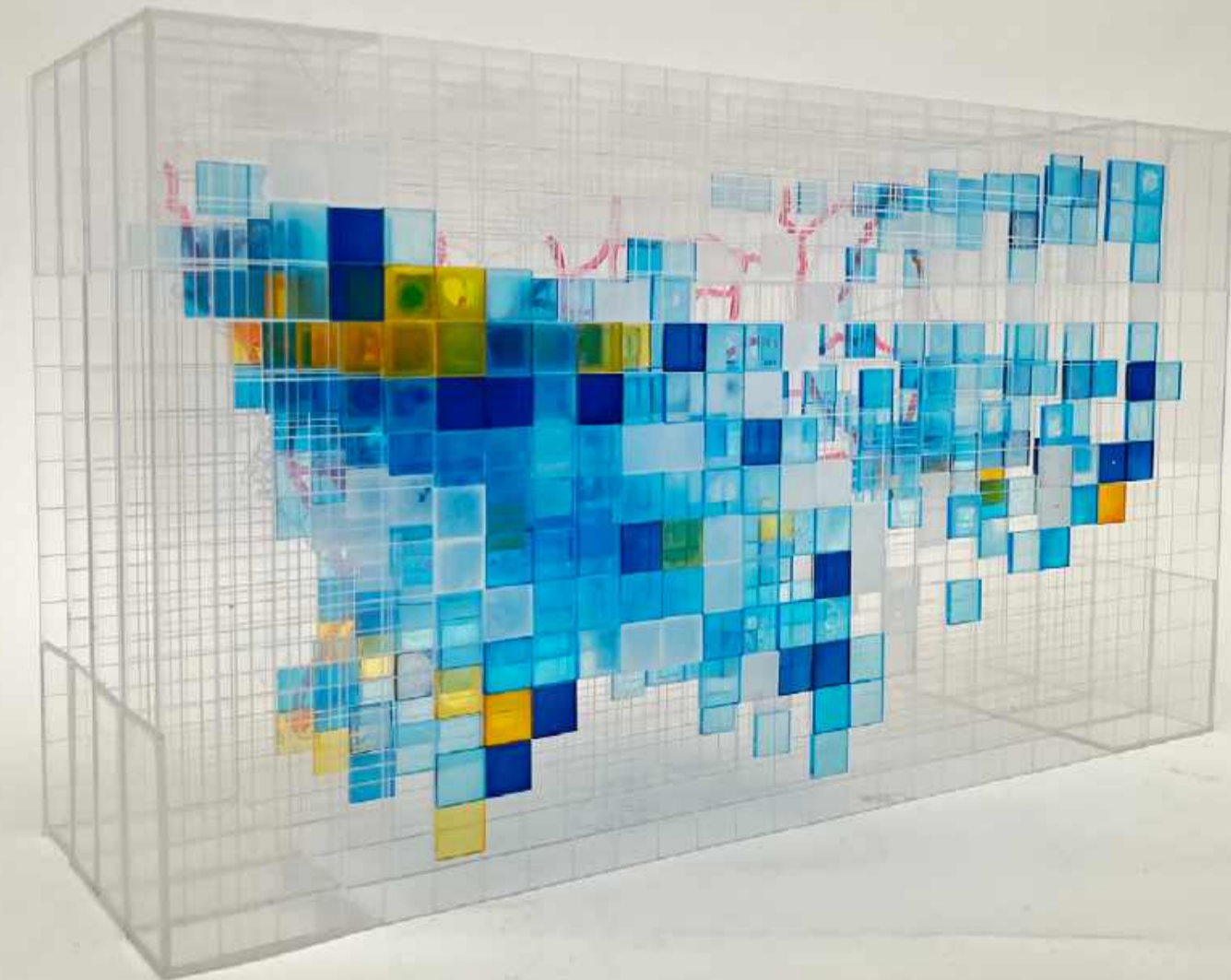
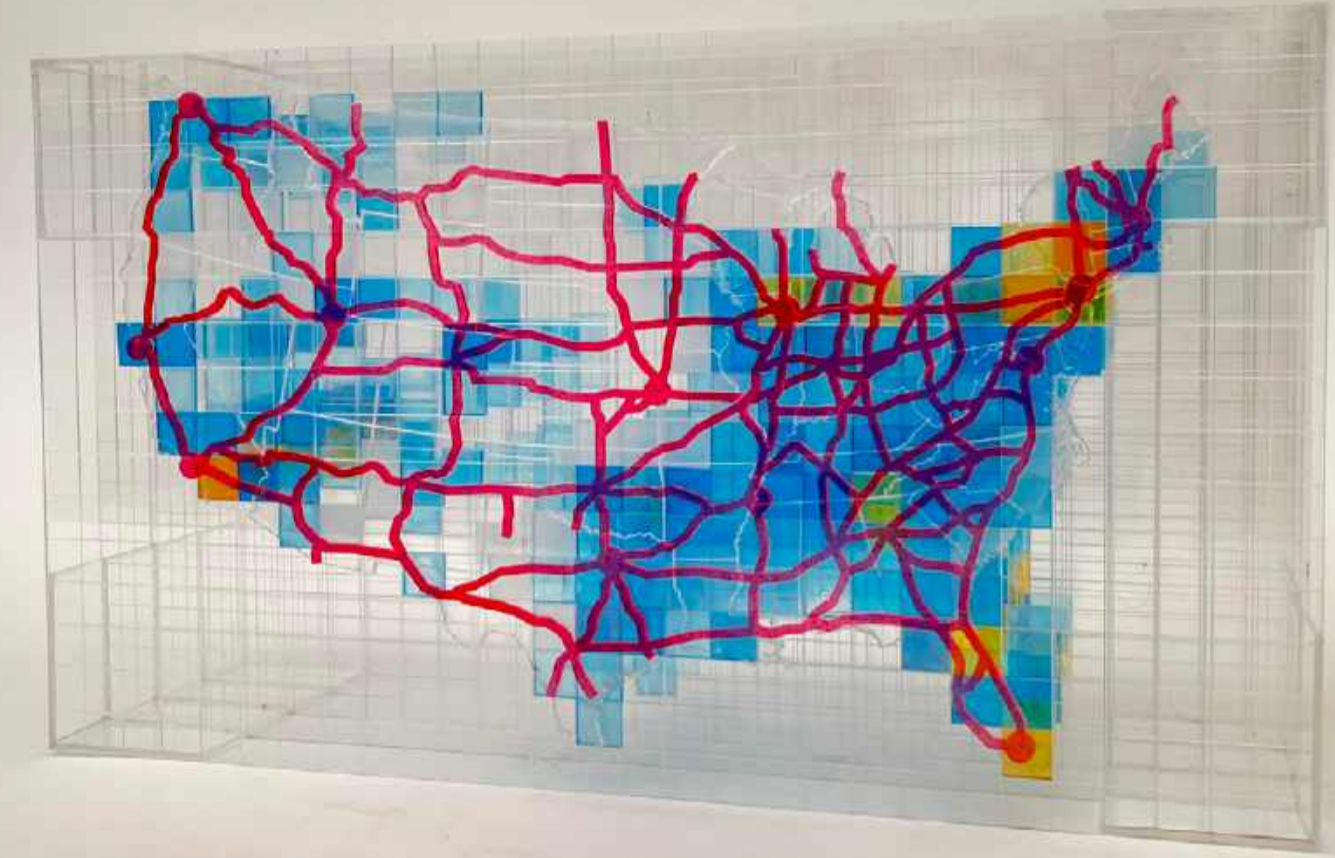
PALMA, CASA PARA AXEL (2018)

ARCH - 6963

MAPPING AS MAKING

PROFESSOR
ELIZABETH CAMUTI

MODEL VISUALIZATION OF THE UNITED STATES HEAT MAP OF THE NUMBERS OF MOTOR VEHICLE ACCIDENTS OCCURRED IN 2012. COLOR CODED AND SEPARATED INTO WEEKDAYS



IMPACT DESIGN

2022

STUDIO B

POSITION
TEAM LEADER

INSTRUCTOR
NGUYEN TUAN HUY

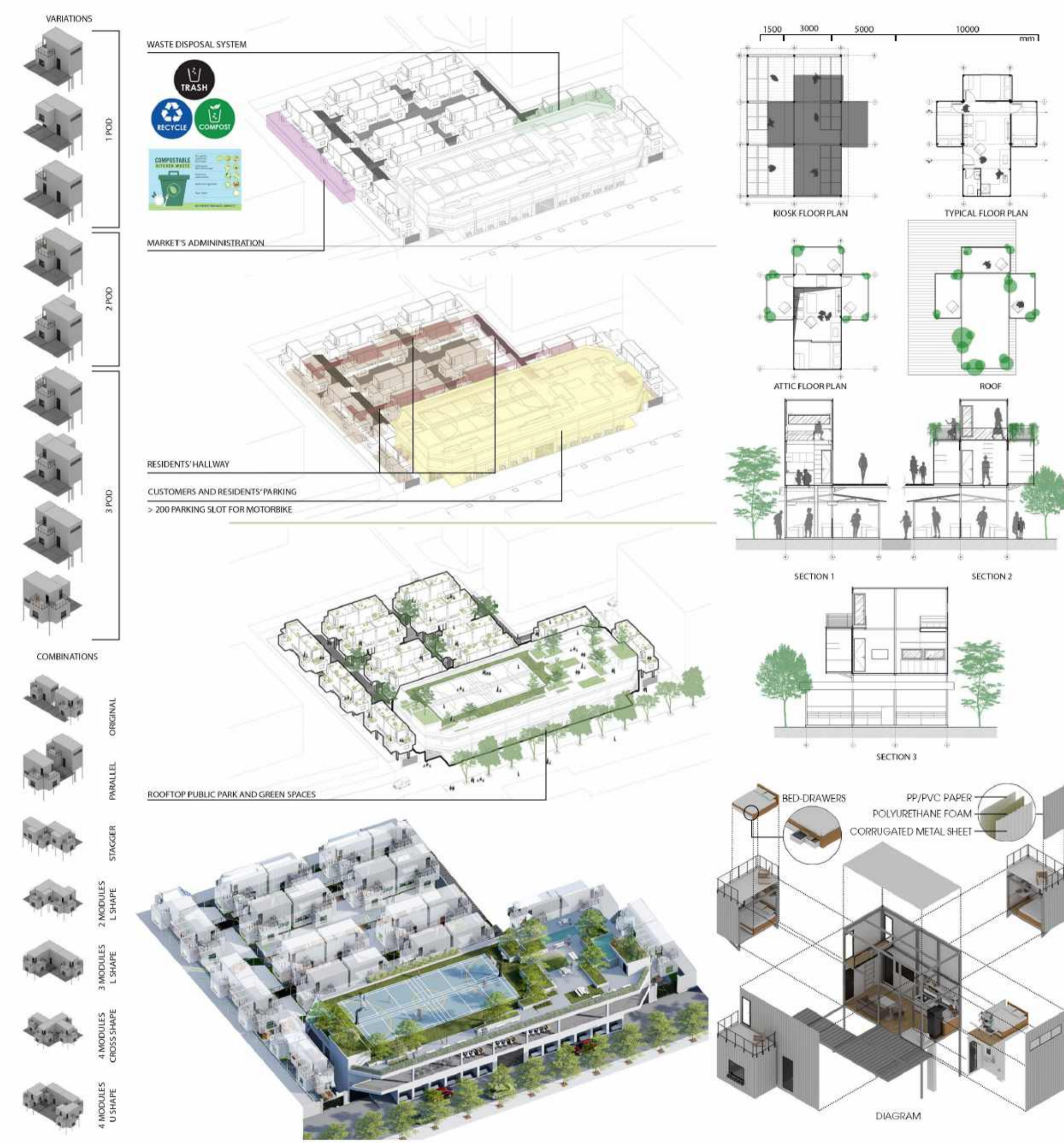


IVXI - A HOME FOR THE LOW INCOME

ICTMH221090763

IN PRESENT DAYS, YOUNG PEOPLE INCLINE TO MIGRATE TOWARD URBAN AREAS FOR BETTER EMPLOYMENT AND NETWORKING OPPORTUNITIES. HOWEVER, THIS LEADS TO A CONCERN OF POPULATION EXPLOSION AND LACK OF RESIDENTIAL AREAS WITH REASONABLE PRICES WHILE ENSURING FUNDAMENTAL LIVING QUALITIES. THE SITUATION IN HANOI, VIETNAM IS ONE OF THE TYPICAL EVIDENCES OF THIS. THROUGH THOROUGH RESEARCHES, IT CAME TO OUR AWARENESS THAT THERE IS A WASTE OF SPACE ABOVE TRADITIONAL MARKETS IN VIETNAM. THE KIOSKS ROOFED WITH CORRUGATED IRON AND CANVAS DOES NOT MATCH THE AESTHETICS OF A DEVELOPING CITY.

"IVXI", REFERRING TO 4X1 - 4 BEDROOM AND 1 BATHROOM, IN OUR PERCEPTION, IS A MODULAR SOLUTION TO UTILIZE WASTED SPACE TO ACCOMMODATE SHELTERS FOR 100+ INDIVIDUALS THAT CAN BE FLEXIBLE FROM 1 TO 4 PEOPLE EACH MODULE. MOREOVER, OUR CONCEPT CREATES OTHER VALUES FOR PEOPLE WITH LOW INCOME SUCH AS ELIMINATING THE DISTANCE OF RESIDENTS TO THE FOOD SUPPLIERS AS WELL AS MINIMIZING WASTED FOOD. IVXI ALSO PROVIDES A PUBLIC SPACE THAT HELPS WITH ENHANCING SOCIAL ENGAGEMENT FOR PEOPLE AND INCREASING MORE GREEN SPACES FOR THE CITY.



AWARDED
TOP 25 HONORABLE MENTIONS



**CERTIFICATE OF
ACHIEVEMENT**

Proudly Presents to

Doan Hai Dang

**for securing a position in Top 50
MICRO HOUSING ARCHITECTURE COMPETITION
Hosted by IMPACT COMPETITIONS**

Jury Panel

Aristides Dallas • Joe Chikamori • Liz Walsh • Sebastian Irarrazaval • James Shen
Ludwig Godefroy • Doan Thanh Ha • Peter Pichler • Mark Foster Gage • Sun Dayong

THANK YOU!

IF YOU HAVE ANY QUESTIONS, FEEDBACK OR IF YOU JUST WANT
TO REACH OUT TO HAVE A CHAT ABOUT ART AND ARCHITECTURE
PLEASE DON'T HESITATE TO SEND ME AN EMAIL OR A TEXT

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