

## **SIMIN YANG**

Architecture portfolio

**Pratt Institute**

simin.yangsm@gmail.com

213.776.8919



# Simin Yang

simin.yangsm@gmail.com  
213-776-8919

## Education

**Pratt Institute** | Brooklyn, NY  
Bachelor of Architecture

## Experience

**DCYT Architecture Inc.** | Vancouver, Canada  
Intern Architect AIBC  
Projects: Acute and non-acute healthcare projects.

Apr 2023 - Jul 2024

### Technical abilities:

- assisted with schematic, design development and construction documentation
- produced renderings through 3d modeling tools
- worked collaboratively with the Principal Architect on multiple feasibility studies
- assisted in concept development and all parts of the initial design phases

### Project Management:

- managed correspondence between clients, architects, MEP consultants, and equipment manufacturers
- organized, scheduled, and participated in design meetings, and followed up on action items with responsible parties

**Pratt Institute** | Brooklyn, NY  
Teaching Assistant for professor Lori Gibbs

Fall 2021

- assisted on guiding students with their design intentions
- assisted students with applications including Rhinoceros, AutoCAD and Revit

## Skills

AutoCAD, Rhinoceros, Revit, SketchUp, Enscape, V-ray, Illustrator, Indesign, Photoshop, Twinmotion, Grasshopper, Lumion, Laser Cutting, MModel buiding, parametric modeling within revit

## Languages

English, Mandarin, Cantonese

## References

**Kwan Choy**  
DCYT Architecture Inc.  
sk@dcytarchitecture.ca

**Lisa Cheung**  
DCYT Architecture Inc.  
lc@dcytarchitecture.ca

**Chi Wa Mak**  
DCYT Architecture Inc.  
cw@dcytarchitecture.ca

01

# GRADUATE DORMITORY

Professor\_Salvatore Tranchina

Comprehensive Design I

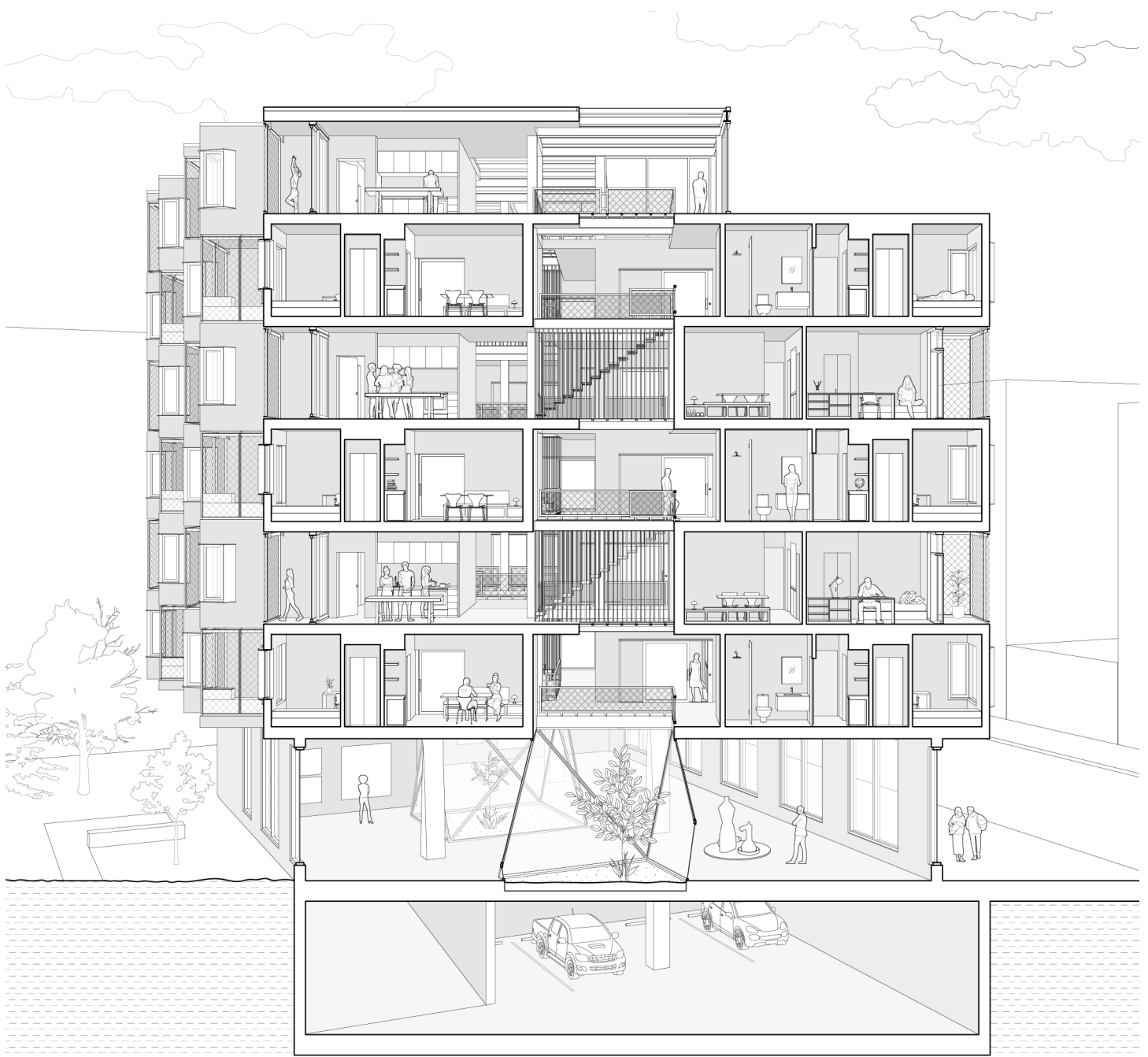
Location\_100 Grand Ave, Brooklyn, United States

Programs\_Rhinoceros, Adobe Illustrator, SketchUp, Revit

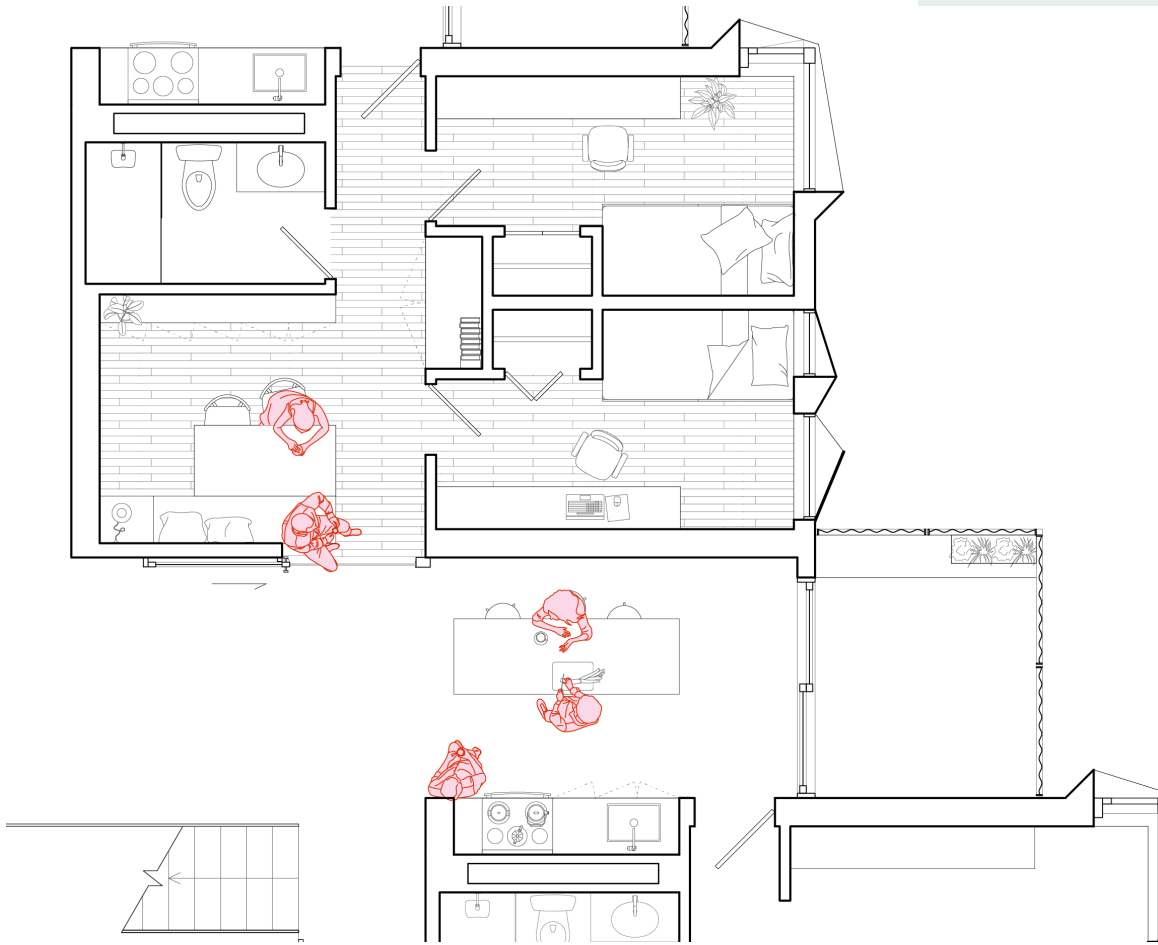
The main concern of this proposal for a seven story student dormitory is to create opportunities for interaction and gathering while also give the individuals control over their connections to others.

Two private rooms, a shared bathroom and a living room are organized into a single unit. The interstitial void space

volumes serve as shared kitchenette and circulation to balcony. The living room inside a unit can be opened to the kitchenette by a large sliding door, encouraging the residents to use the interspace as their second living room. Shared spaces are interconnected sectionally via series of double height spaces, enhancing the unification of spaces and a sense of community.







Unit Plan



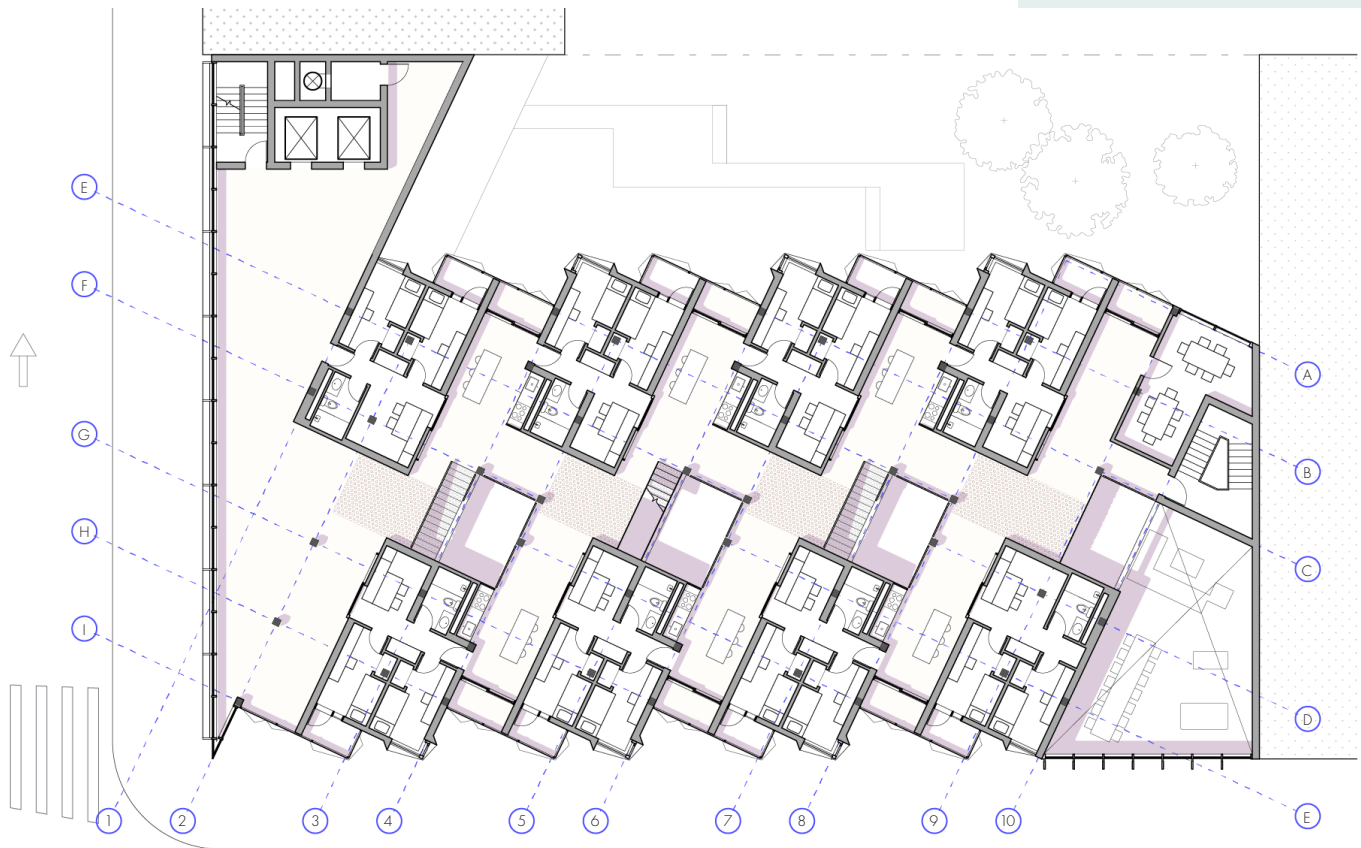
Unit Axon



East Facade



2nd Level Floor Plan



Typical 3rd/5th Level Floor Plan



Typical 4th/6th Level Floor Plan



# COLUMBIA UNIVERSITY BOATHOUSE

Professor Ron DiDonno

Comprehensive Design II

Location 555 West 218 st, Manhattan, United States

Programs Rhinoceros, AutoCAD, Enscape, Adobe Illustrator, Photoshop



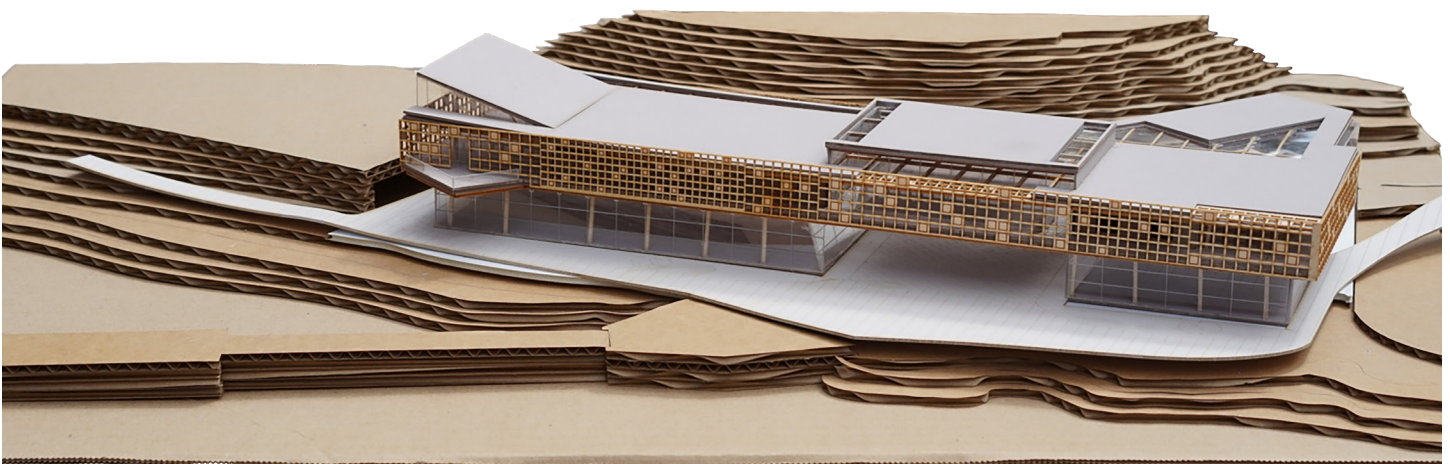
Site Plan

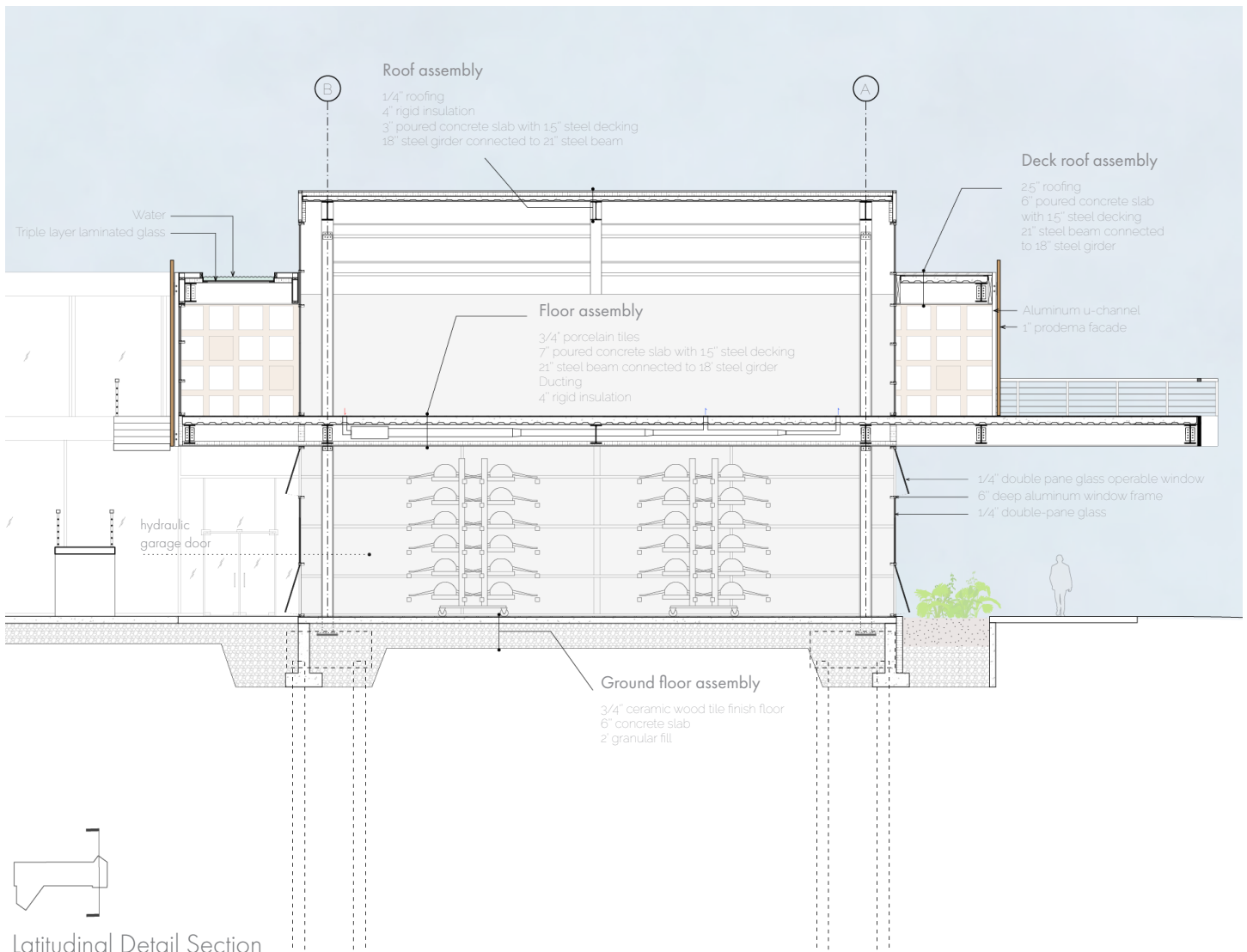
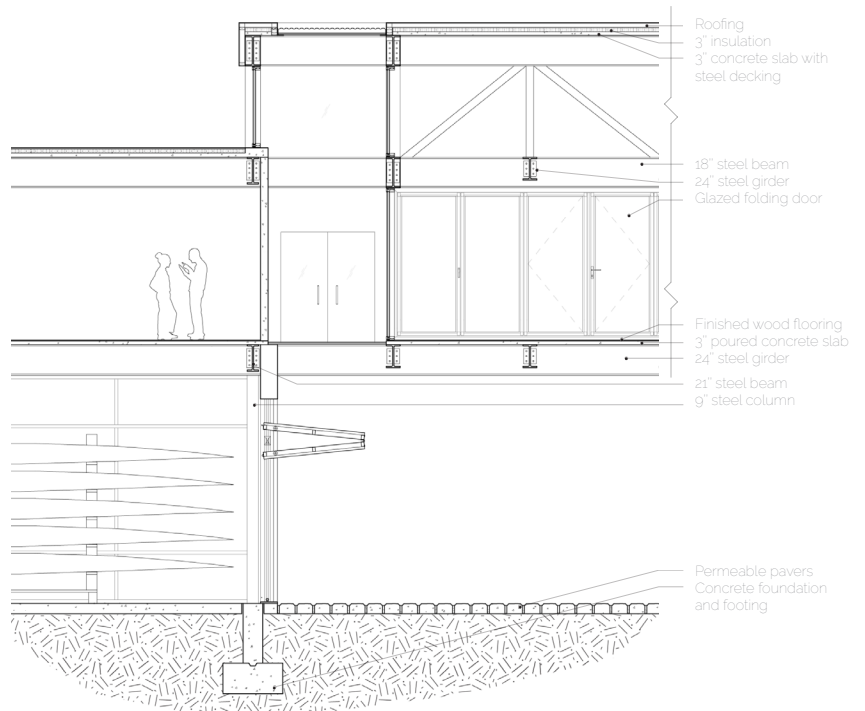
Located on the northern tip of Manhattan, the boathouse is to be utilized by the Columbia University rowing team and the communal public for the purposes of boat storage, boatlaunching, and rowing training.

Most of the facilities were elevated to the conditioned upper floor, which is wrapped around by perforated prodema panels, affording coaches and spectators a view of those rowing on the water. The unconditioned sheds on the lower floor are enclosed by glass panels to allow for the boats to be displayed and account for flood conditions. The transparency of ground floor gives the building the appearance of "a boat floating on water" when viewed from across the waterfront.

## Site Connection

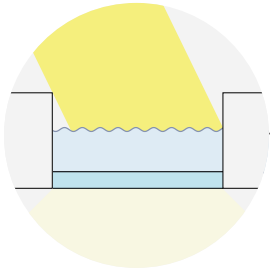
- MARSH TO WATERFRONT
- ENTRANCE TO WATERFRONT
- TENNIS CENTER TO WATERFRONT
- HILL TO WATERFRONT





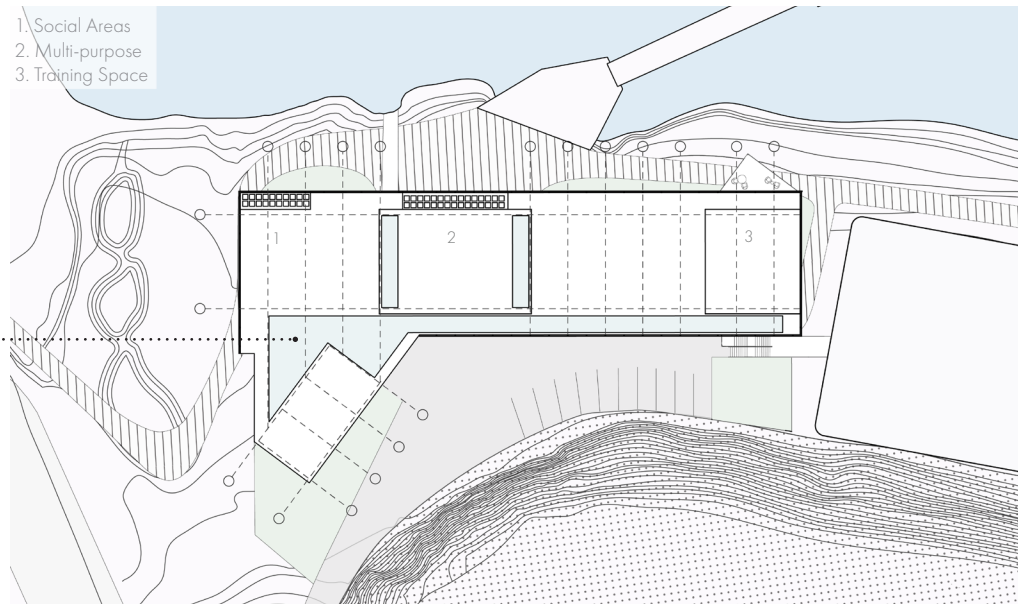


# BUILDING SYSTEMS

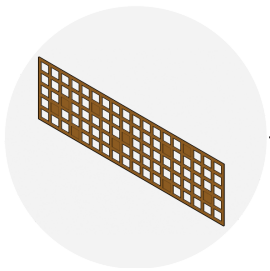


Water on blue roof diffuses sunlight, and acts as thermal mass for stabilizing temperature.

1. Social Areas
2. Multi-purpose
3. Training Space

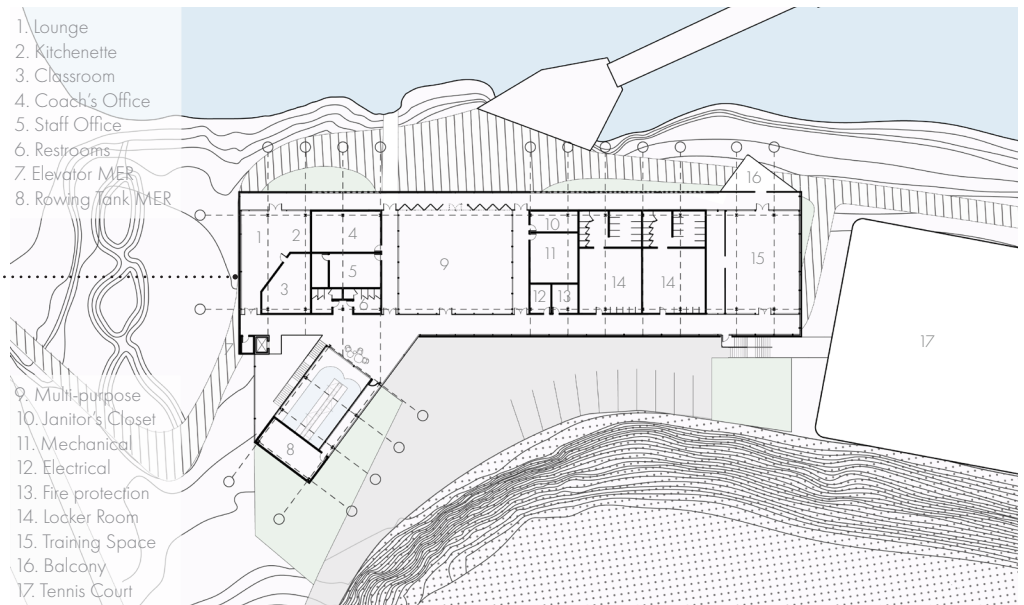


Roof Plan

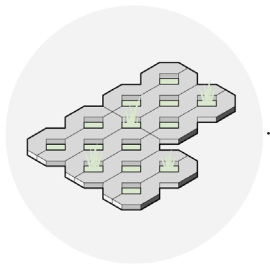


Prodema panels perforated with openings of varying sizes wrap around the second floor.

1. Lounge
2. Kitchenette
3. Classroom
4. Coach's Office
5. Staff Office
6. Restrooms
7. Elevator MER
8. Rowing Tank MER

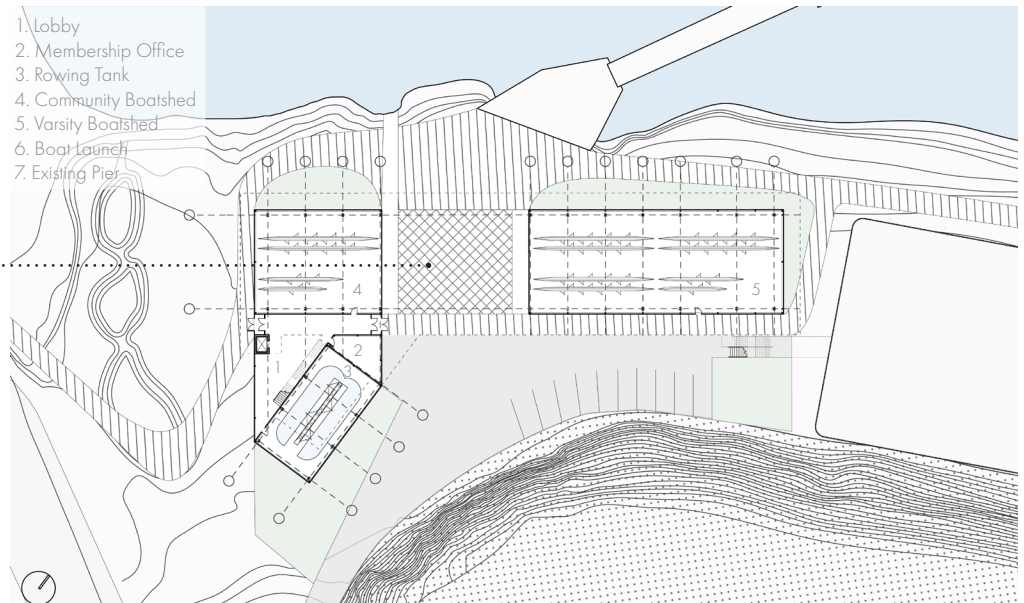


Level 2 Floor Plan

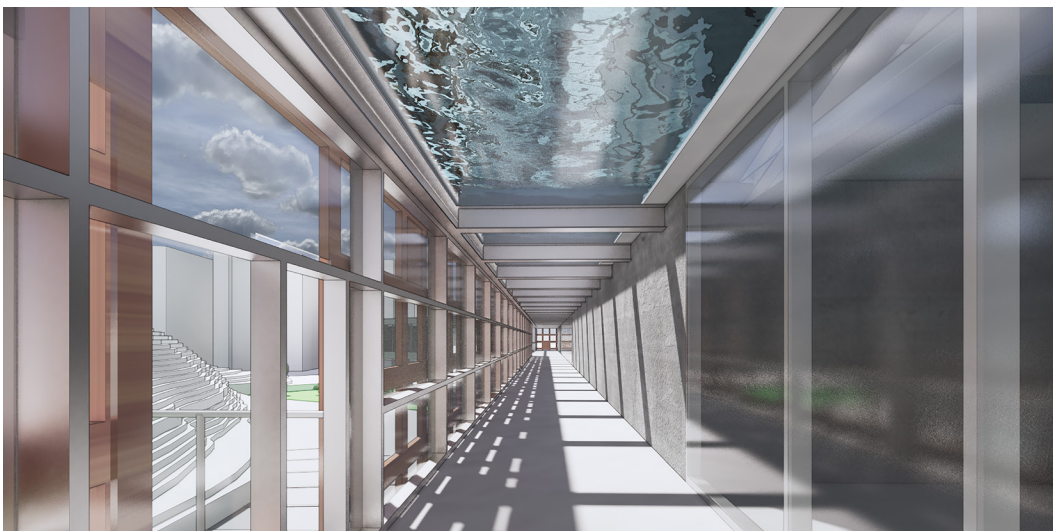
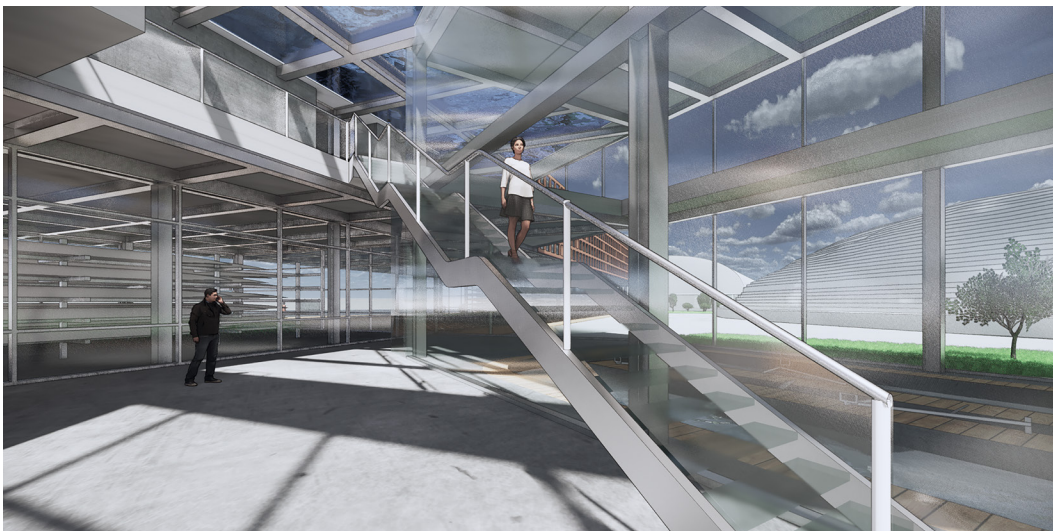


Permeable pavers control water drainage through absorption into the vegetation between pavers.

1. Lobby
2. Membership Office
3. Rowing Tank
4. Community Boatshed
5. Varsity Boatshed
6. Boat Launch
7. Existing Pier



Level 1 Floor Plan





# INTERACTIVE SHOW ROOM

Professor\_David Mans

Representation 3

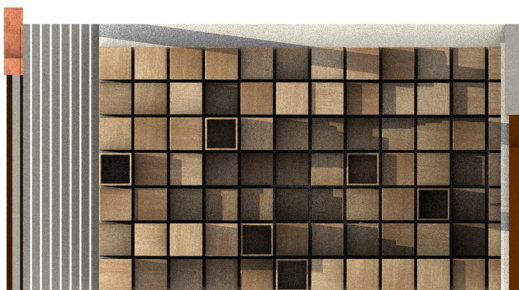
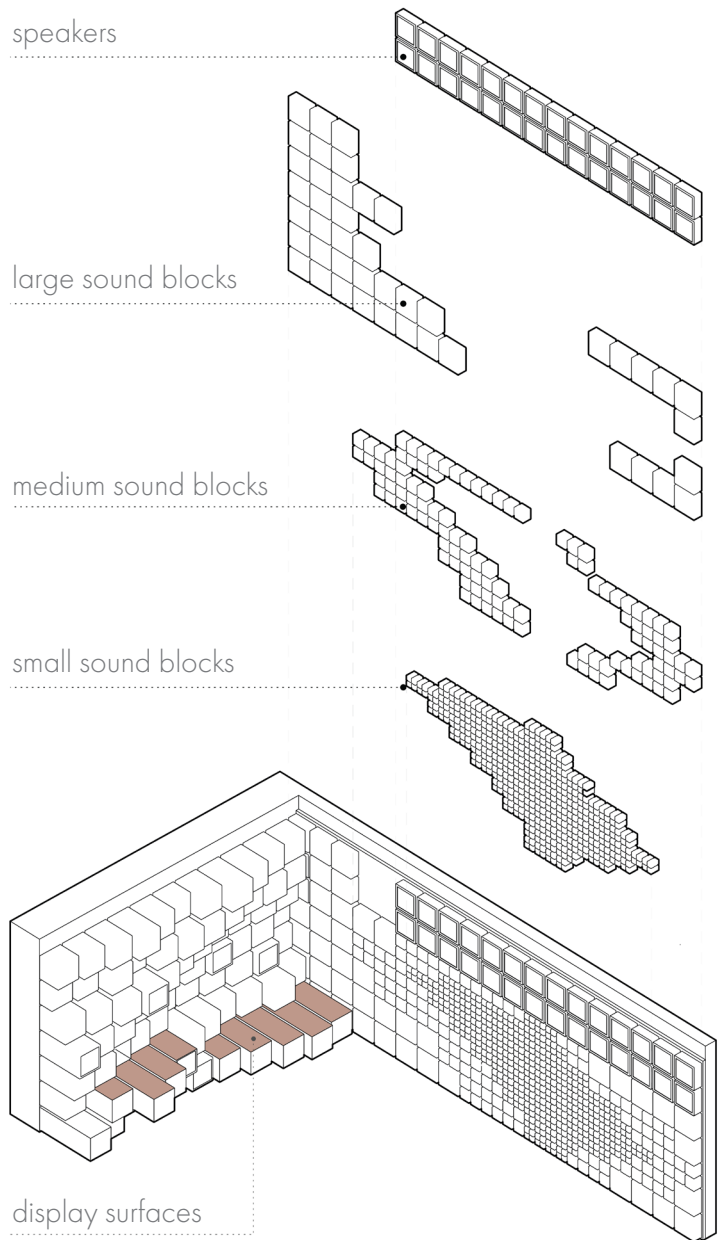
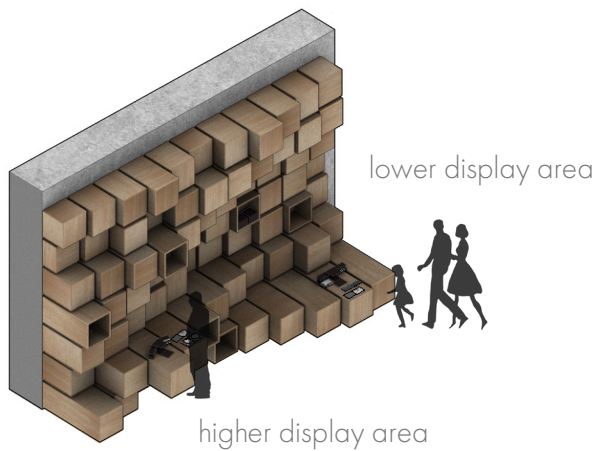
Location\_61 St James Pl, Brooklyn, NY

Programs\_Rhinoceros, V-ray, Adobe Illustrator

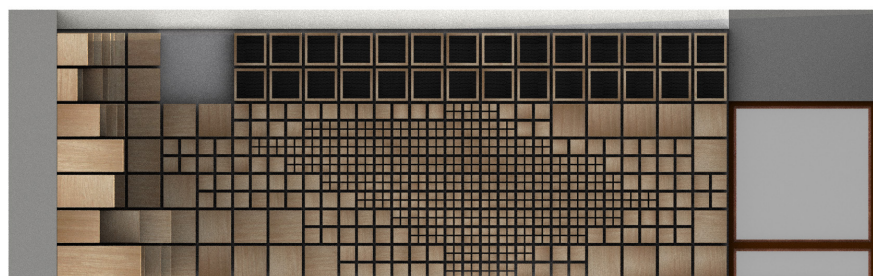
As a showroom for electronic musical instruments, the project takes the tactile quality of the user interface on an electronic instrument into its design. The showroom becomes an extension of the products on display, and encourages visitors to experience music-making.

One wall allows physical interactions and consists of pushable blocks, each block representing a key on a midi keyboard. The sound is output by overhead speakers.

Resembling the musical wall, the display wall consists of static blocks of various depth. Its form then provides opportunities to create display surfaces at different heights.

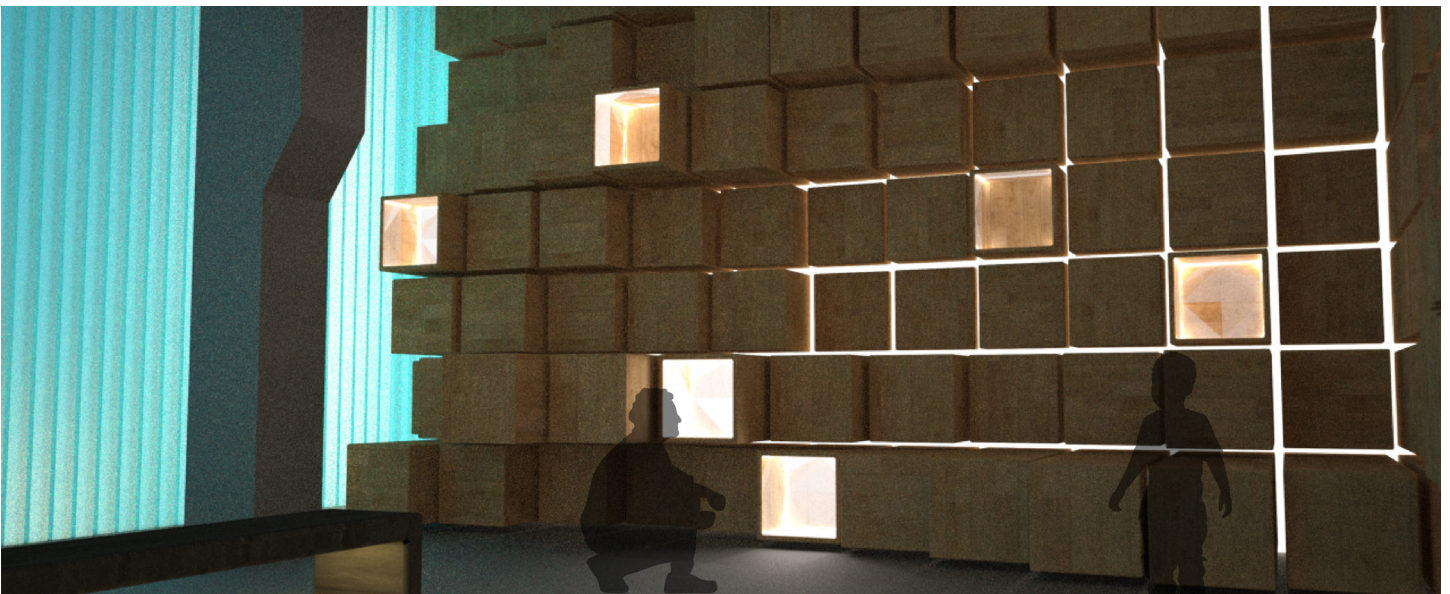
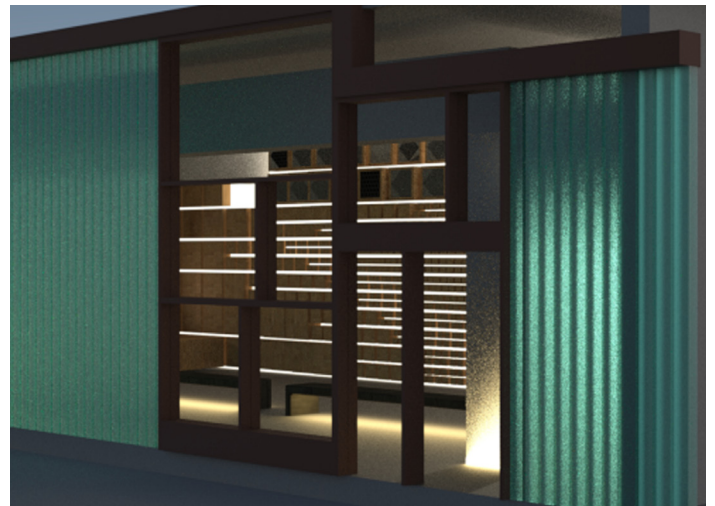
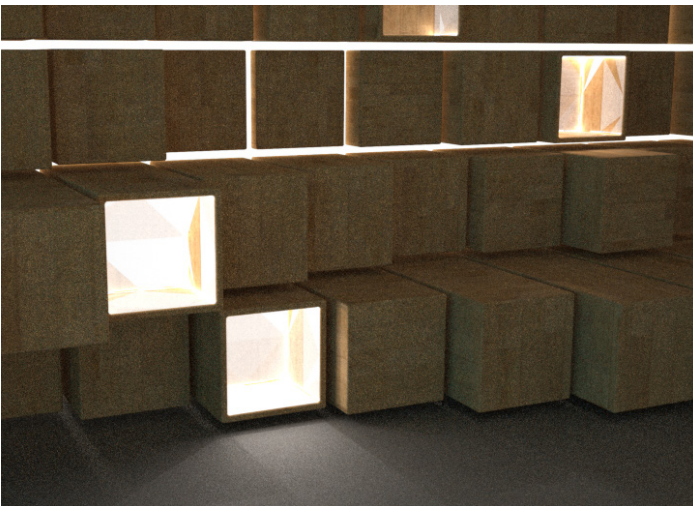
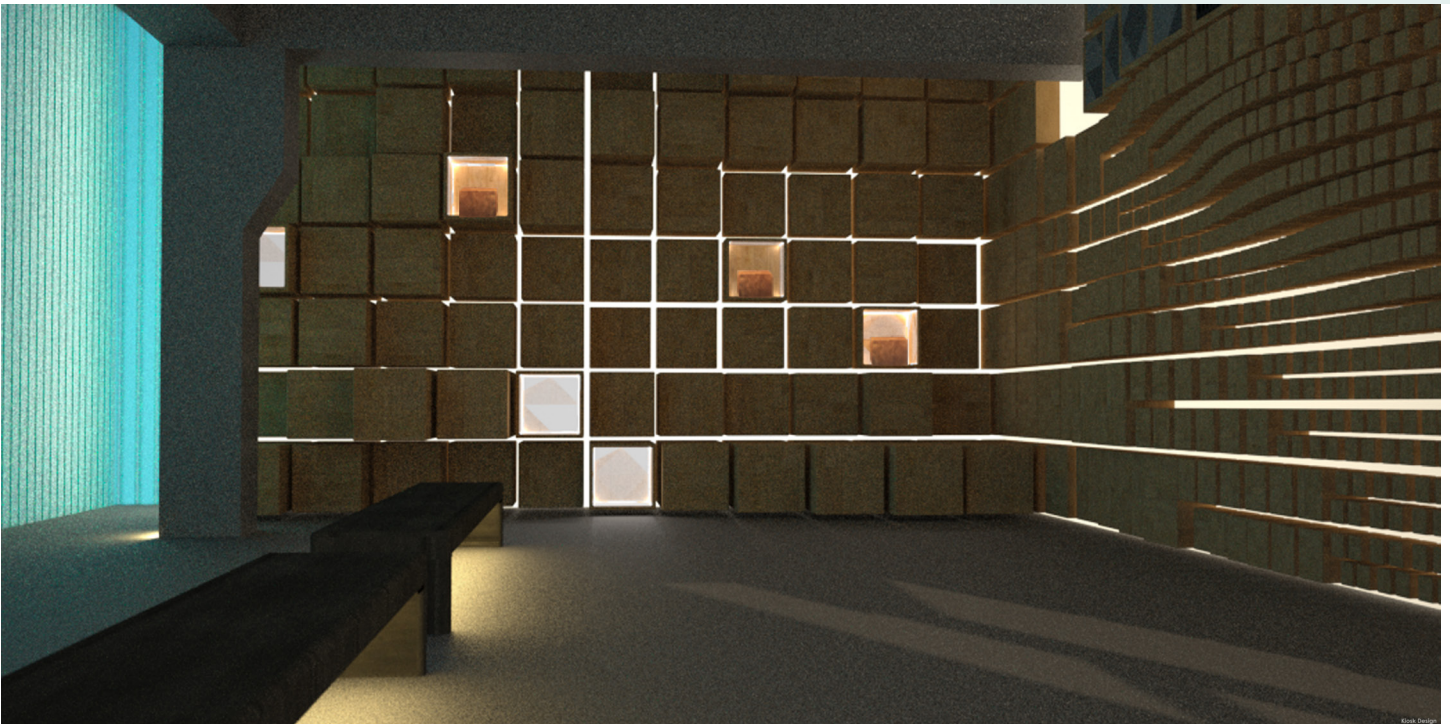


Display Wall



Musical Wall







## PROFESSIONAL WORKS

Employment\_*DCYT Architecture Inc.*









# 01 MISSION UPCC AND PPH

Team\_Kwan Choy, Lisa Cheung, Simin Yang

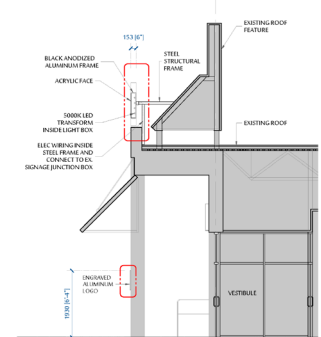
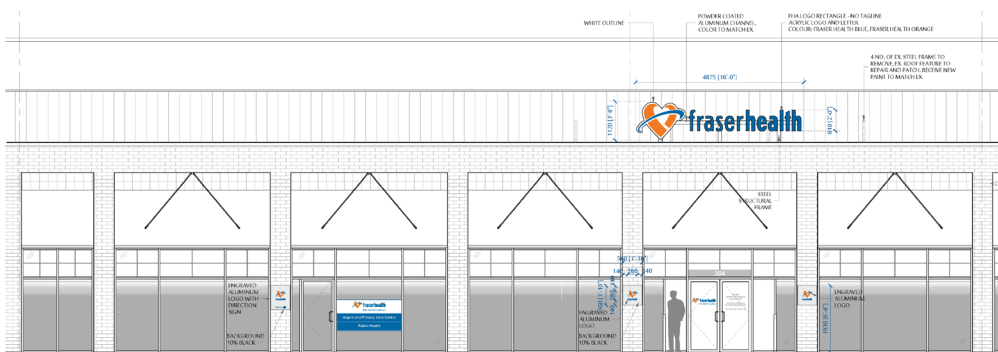
Project Phase\_Assisted with Schematic, Design Development and Construction Documentation

Programs\_AutoCAD, SketchUp, Enscape

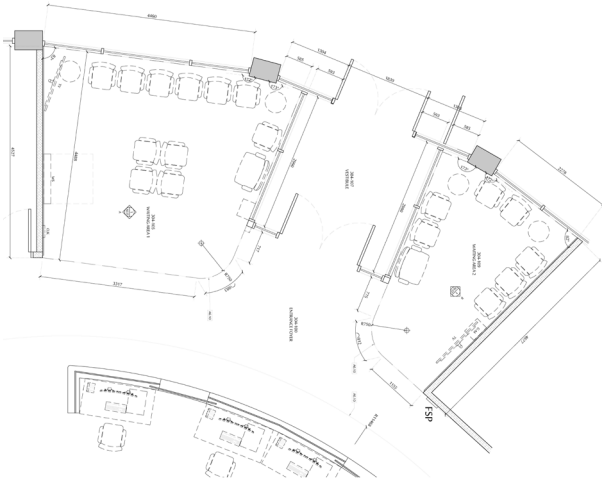


The project was a large-scale renovation of an existing retail space to meet the needs of the clinical program for the new Urgent and Primary Care Centre (UPCC) and Population Public Health (PPH).

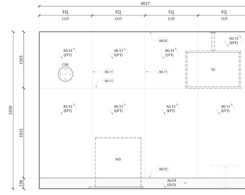
My role on the project included constructing and assisting with CAD drawings, Schedules, organizing materials for client meetings, creating renderings, designing exterior and interior signages as well as translucent glass film patterns, and assisting with client meetings.



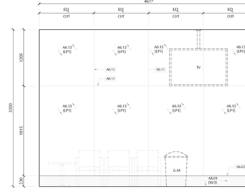
Exterior Signage



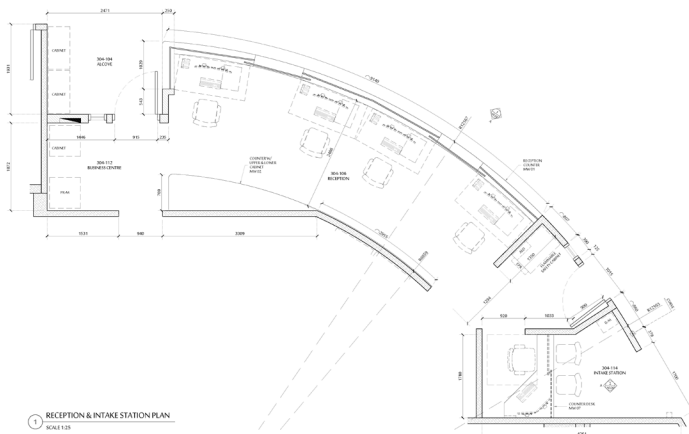
1 WAITING AREA PLAN  
SCALE 1:25



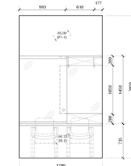
1A WAITING AREA ELEVATION  
SCALE 1:25



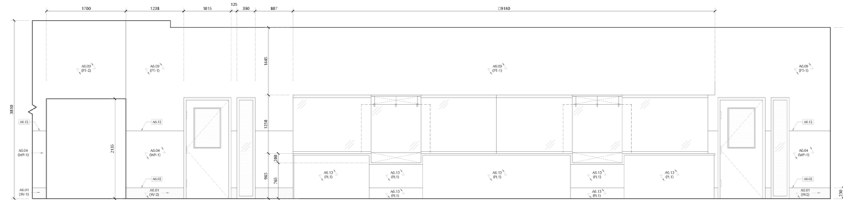
1B WAITING AREA ELEVATION  
SCALE 1:25



1 RECEPTION & INTAKE STATION PLAN  
SCALE 1:25



2A INTAKE STATION ELEVATION  
SCALE 1:25



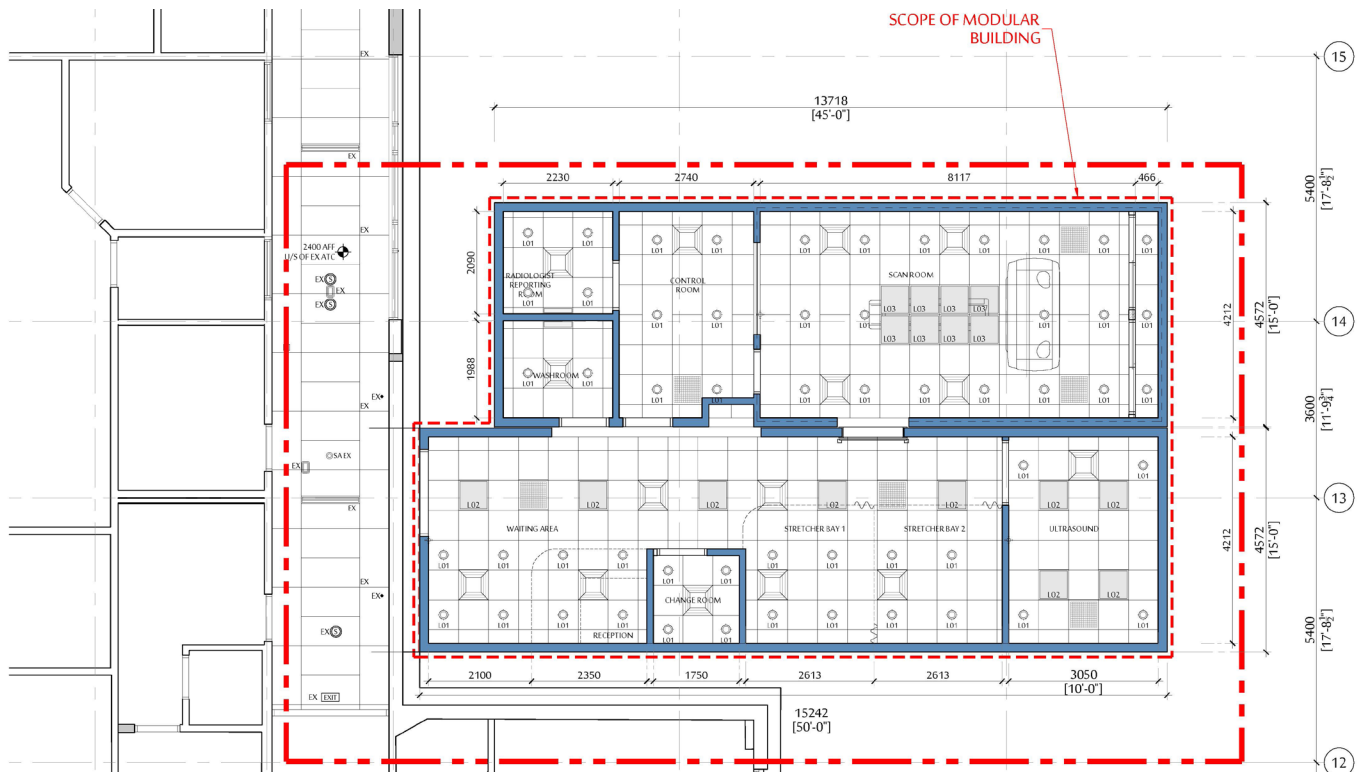
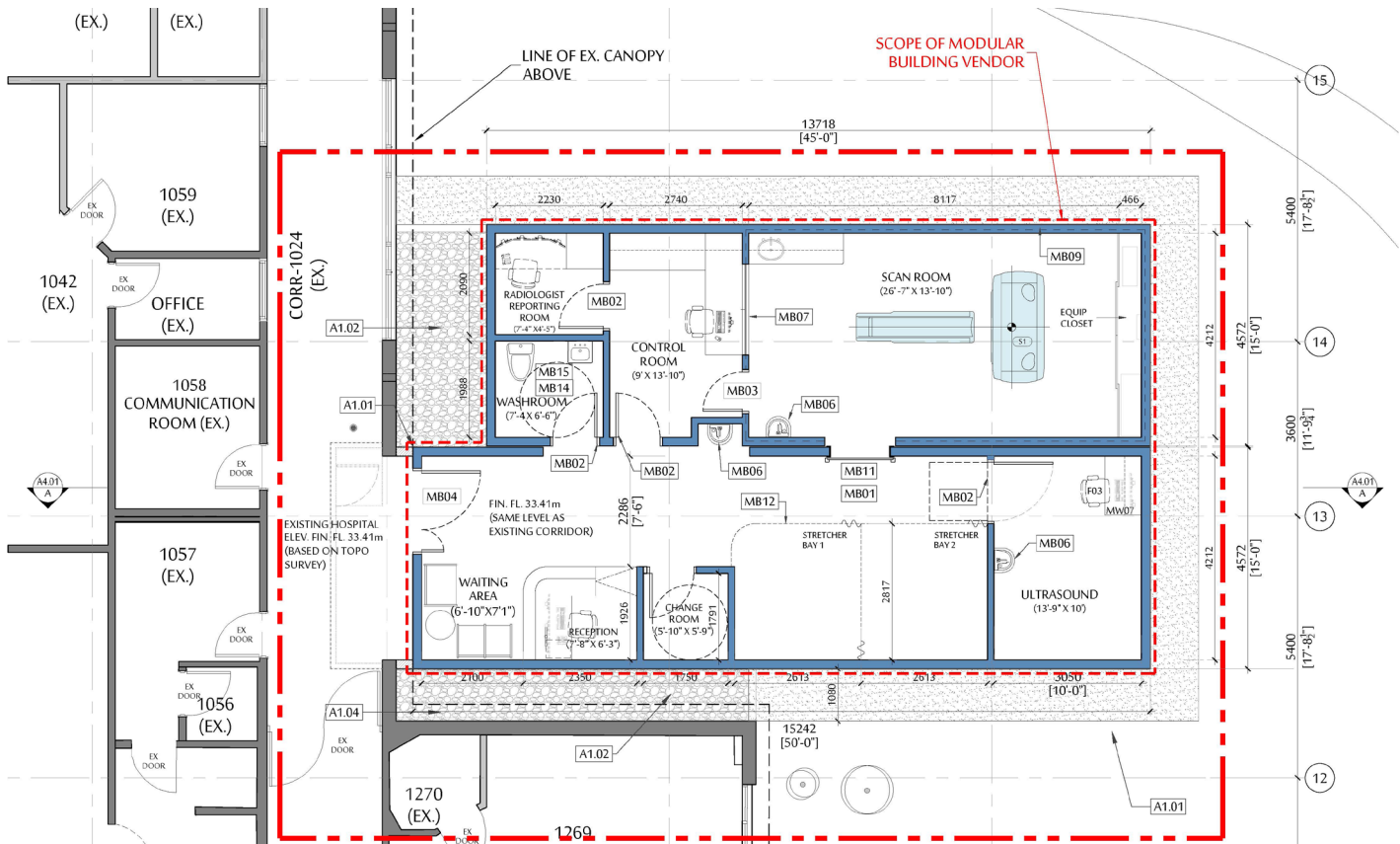
05

# SQUAMISH GENERAL HOSPITAL MODULAR CT

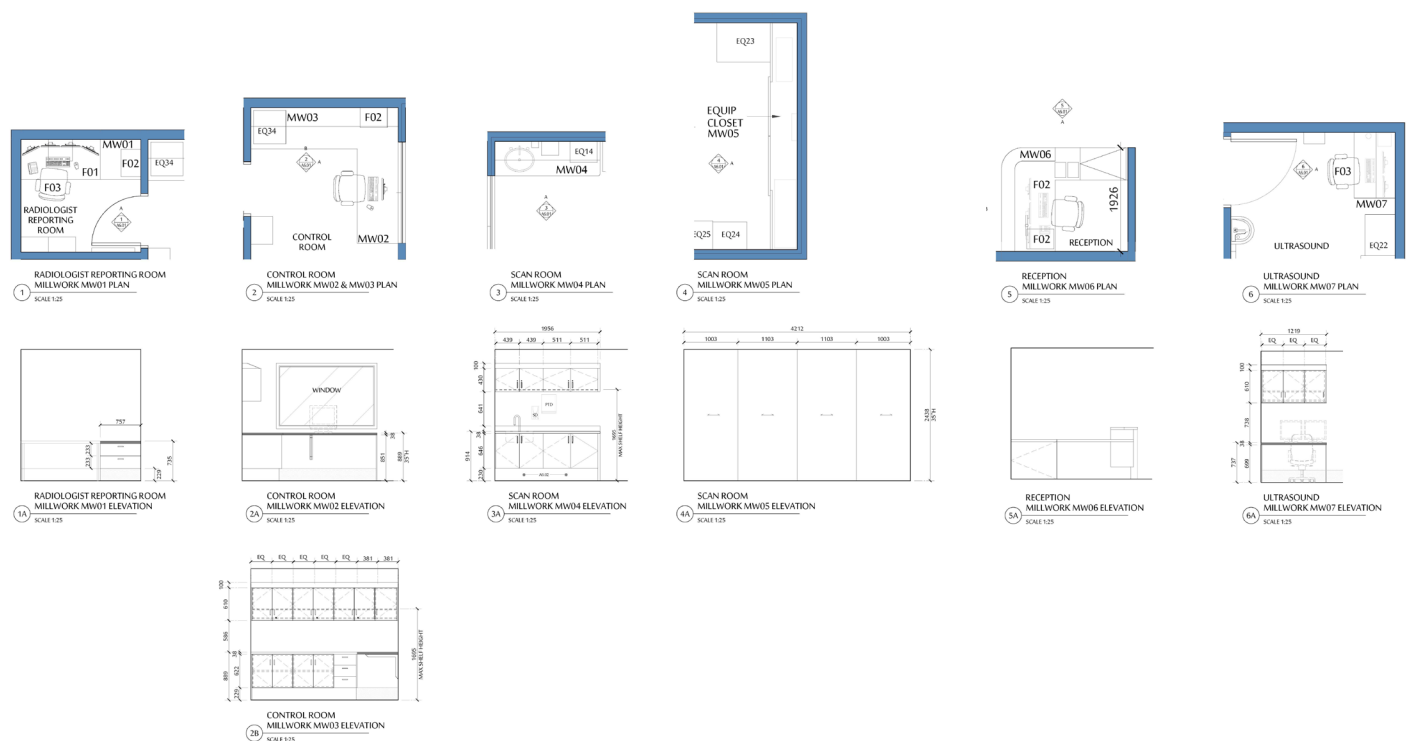
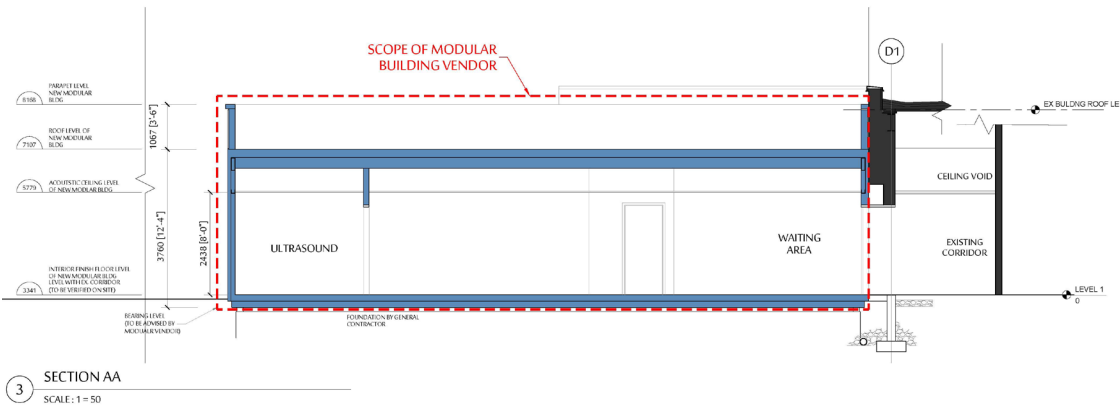
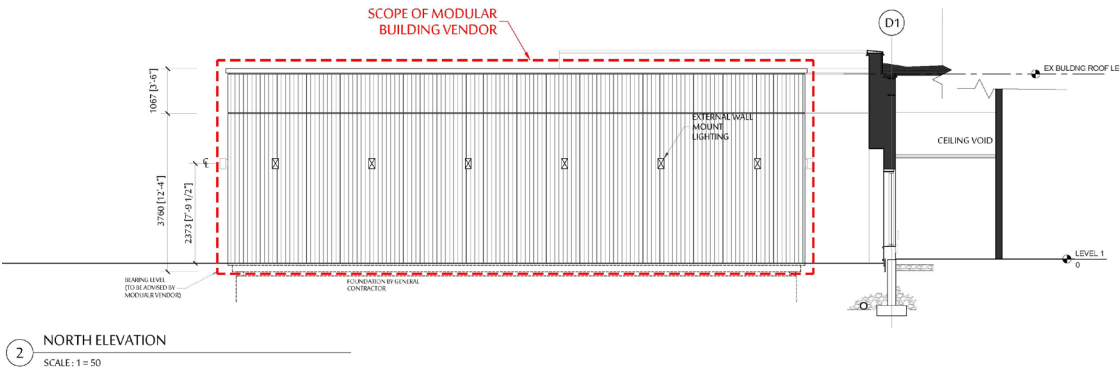
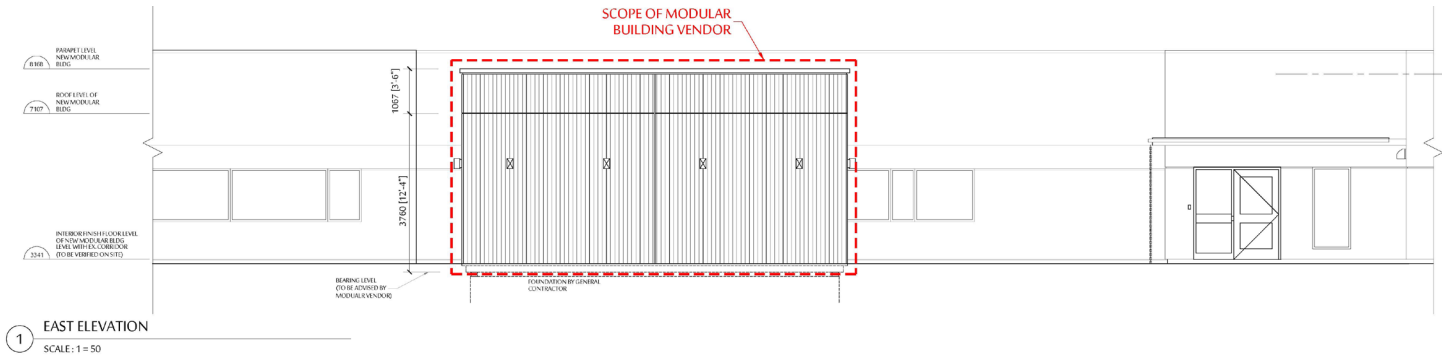
Team\_Kwan Choy, Victor Tam, Simin Yang

Project Phase\_Led Feasibility Study stage, and assisted with Schematic and Design Development stages

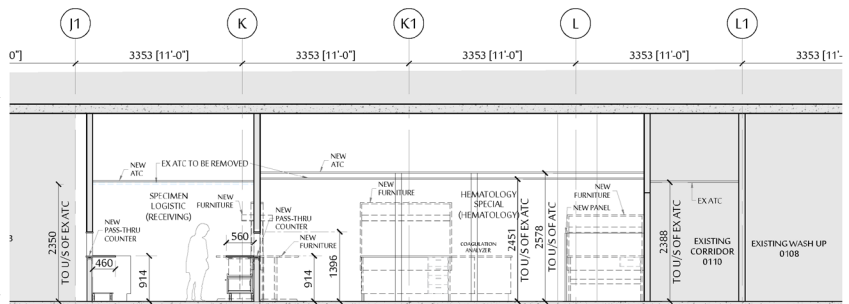
Program\_AutoCAD



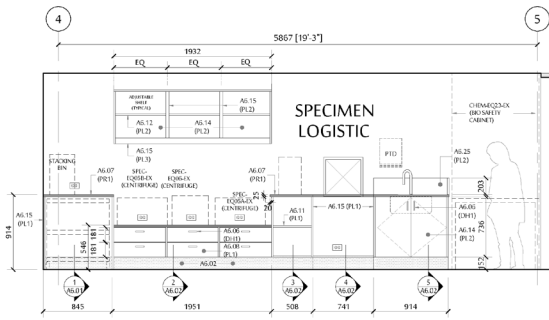




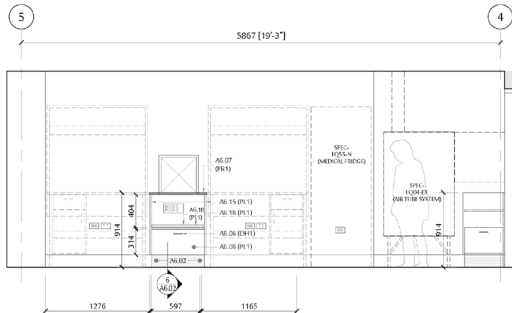
## Program\_AutoCAD



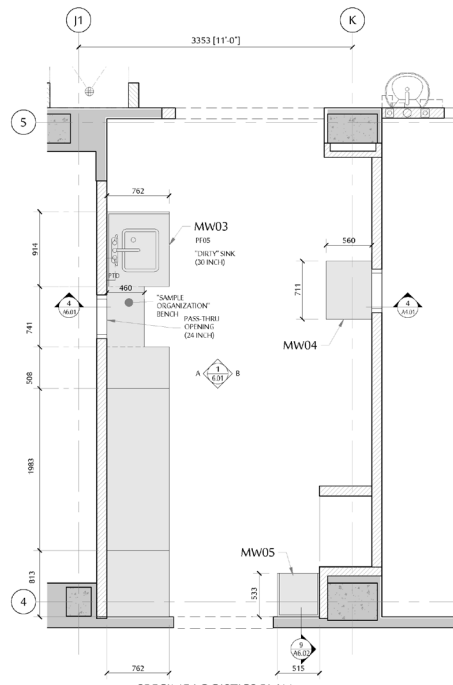




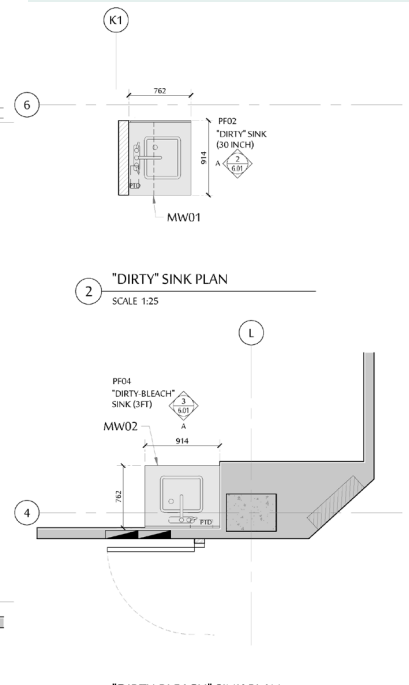
1A ELEVATION A - SPECIMEN LOGISTIC  
SCALE 1:25



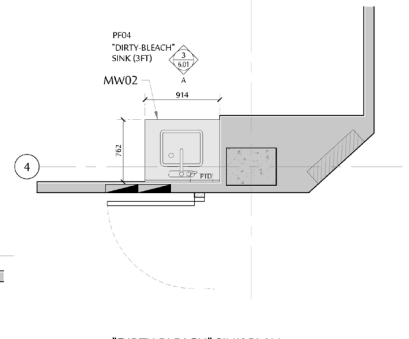
1B ELEVATION B - SPECIMEN LOGISTIC  
SCALE 1:25



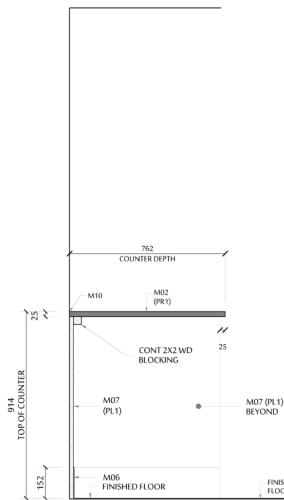
1 SPECIMEN LOGISTICS PLAN  
SCALE 1:25



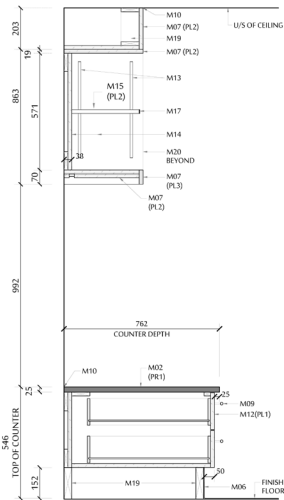
2 "DIRTY" SINK PLAN  
SCALE 1:25



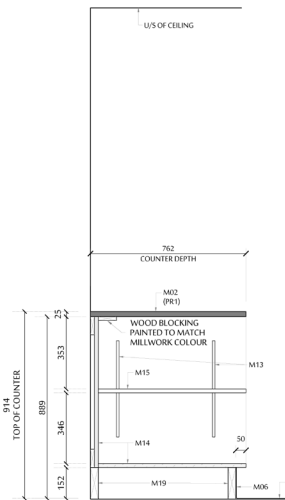
3 "DIRTY-BLEACH" SINK PLAN  
SCALE 1:25



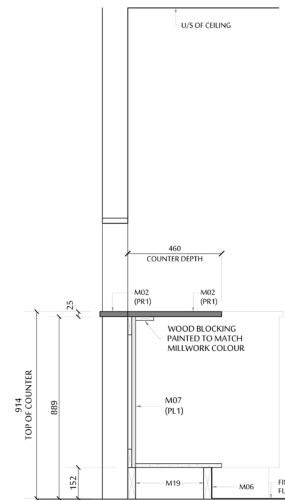
1 MILLWORK SECTION  
SCALE 1:10



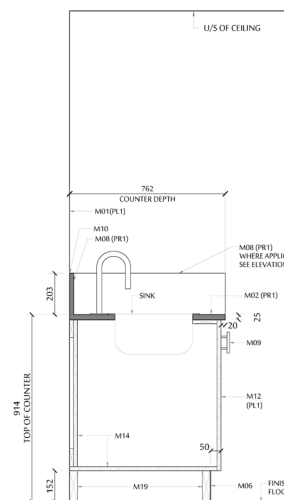
2 MILLWORK SECTION  
SCALE 1:10



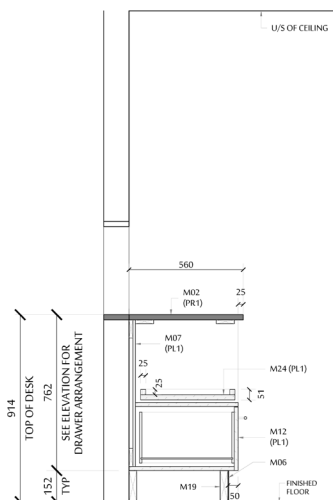
3 MILLWORK SECTION  
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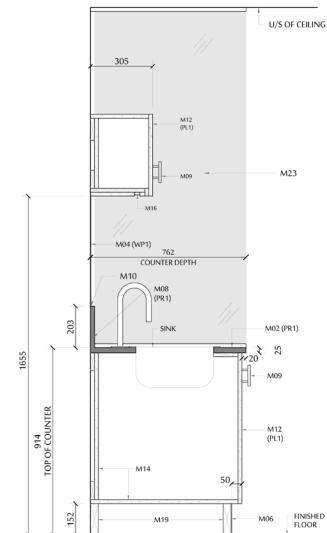
4 MILLWORK SECTION  
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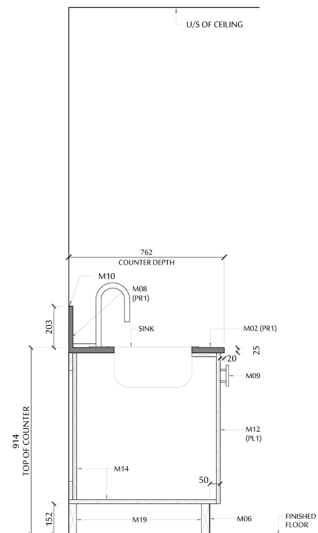
5 MILLWORK SECTION  
SCALE 1:10



6 MILLWORK SECTION  
SCALE 1:10



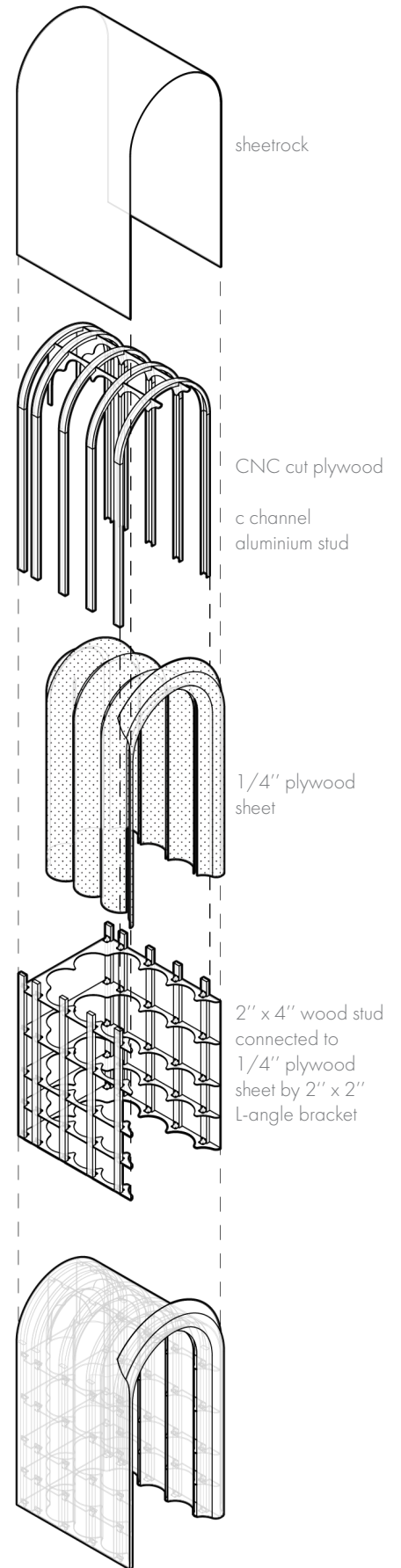
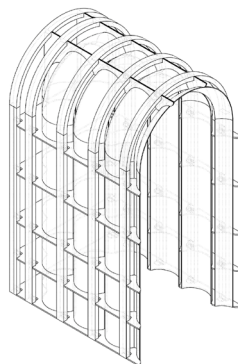
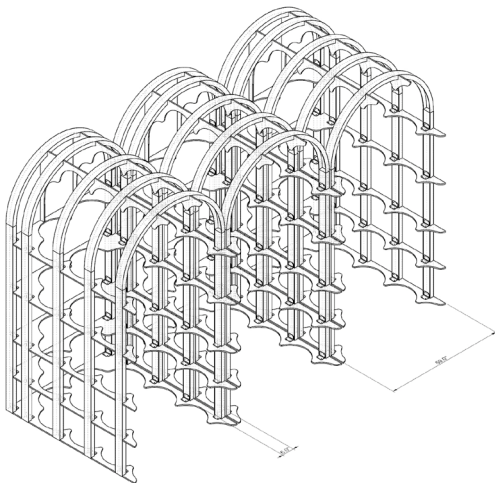
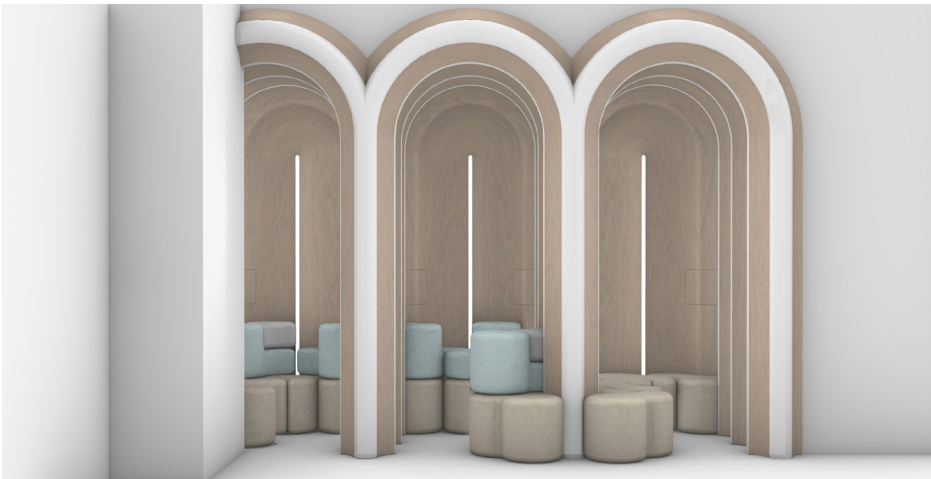
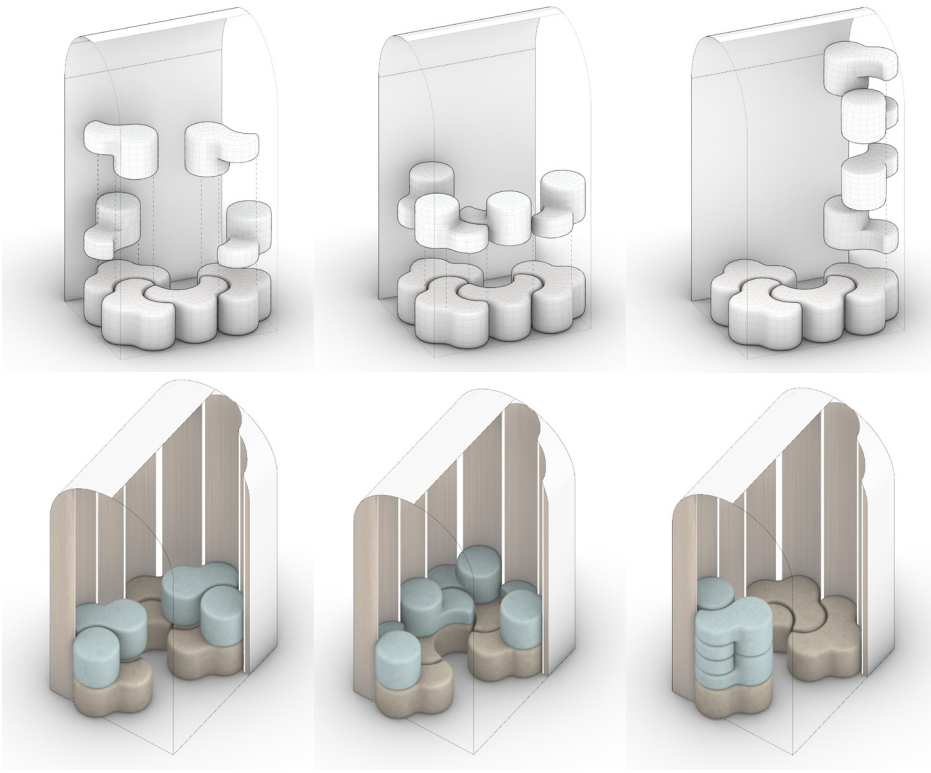
7 "DIRTY" SINK SECTION  
SCALE 1:10

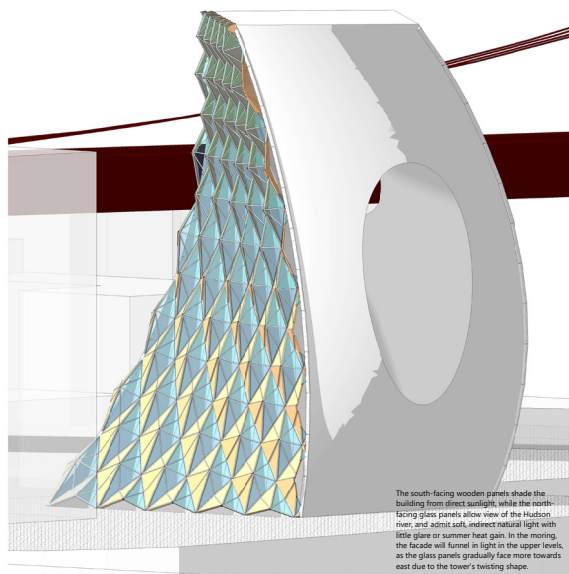


8 "DIRTY-BLEACH" SINK SECTION  
SCALE 1:10

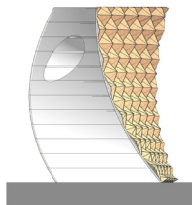
# 07 OTHER WORKS

## NEOTENIC NESTS

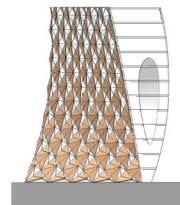




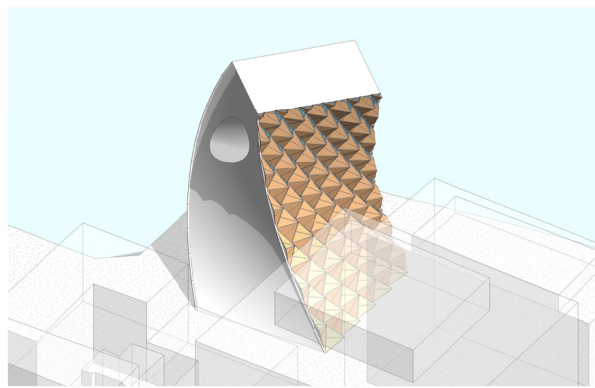
① Northeast view  
3/32" = 1' - 0"



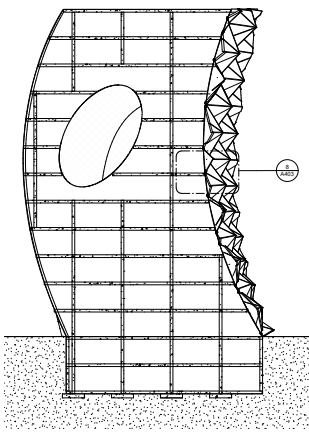
② South elevation  
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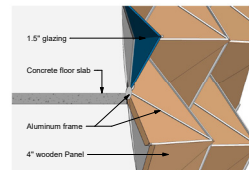
③ East elevation  
1" = 30' - 0"



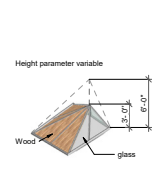
④ Southeast view  
3/64" = 1' - 0"



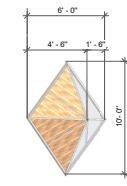
⑤ Panel section  
1/16" = 1' - 0"



⑥ Panel to structure sectional detail  
1/16" = 1' - 0"



⑦ Panel detail  
3/32" = 1' - 0"



⑧ Panel detail 2  
3/32" = 1' - 0"

CD SP/18

Myrtle and Grand

Brooklyn, NY 11205

Revision #:

Date:

CD

Scale: As indicated

Date: 10/14/18

Project No: 1502

Drawn by: Simin Yang

Checked by: Checker

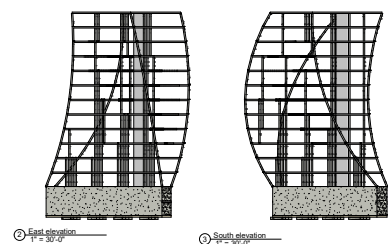
Drawing Title:

Facade Panel Design 1

(rhomboid)

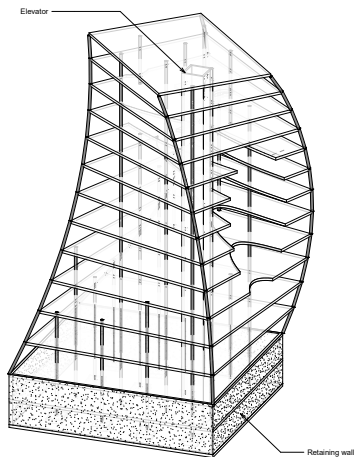
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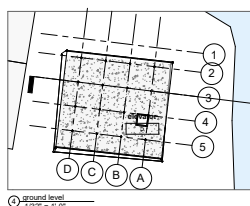


① East elevation  
1" = 30' - 0"

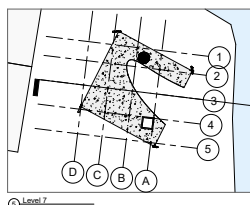
② South elevation  
1" = 30' - 0"



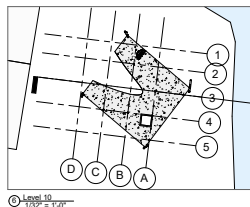
③ 3D view  
1/16" = 1' - 0"



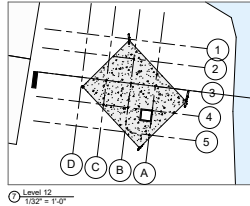
④ Ground level  
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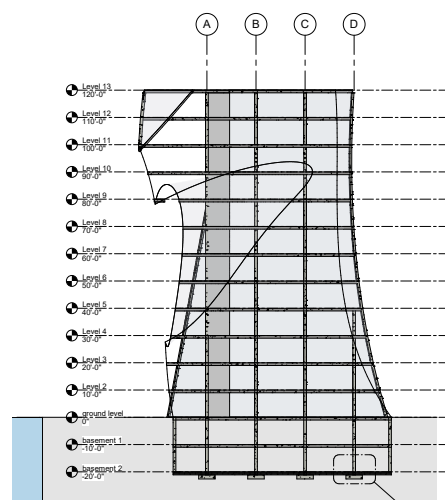
⑤ Level 7  
1/32" = 1' - 0"



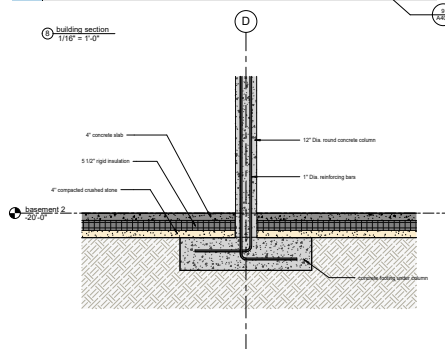
⑥ Level 10  
1/32" = 1' - 0"



⑦ Level 12  
1/32" = 1' - 0"



⑧ Building section  
1/16" = 1' - 0"



⑨ Sectional detail  
1/2" = 1' - 0"

CD SP/18

Myrtle and Grand

Brooklyn, NY 11205

Revision #:

Date:

CD

Scale: As indicated

Date: 10/05/18

Project No: 1502

Drawn by: Simin Yang

Checked by: Checker

Drawing Title:

Structure system

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