

JAMES E. BARBIER

ARCHITECTURE PORTFOLIO

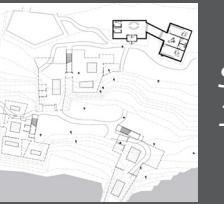


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PROJECTS



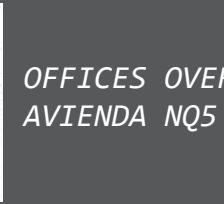
*SACRED
INTERMEDIARIES*

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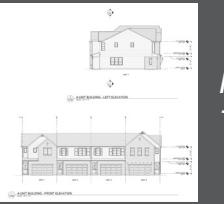
*ALWAYS WATCHING/
ALWAYS PERFORMING*

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*OFFICES OVER
AVIENDA NQ5*

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*FRONTLOAD
TOWNHOMES*

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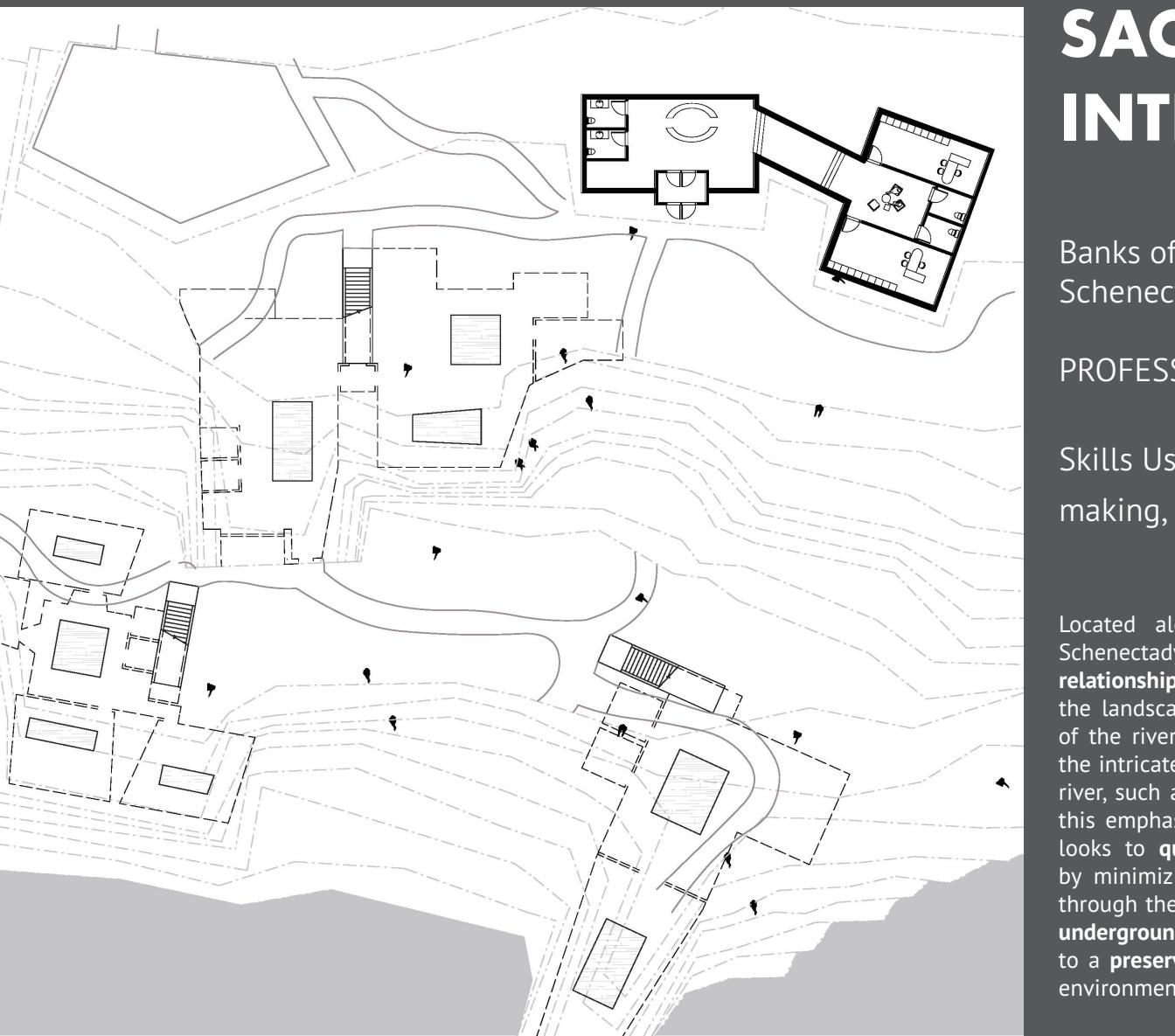
*FROM ORDER INTO
CHAOS*

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URBAN OASIS

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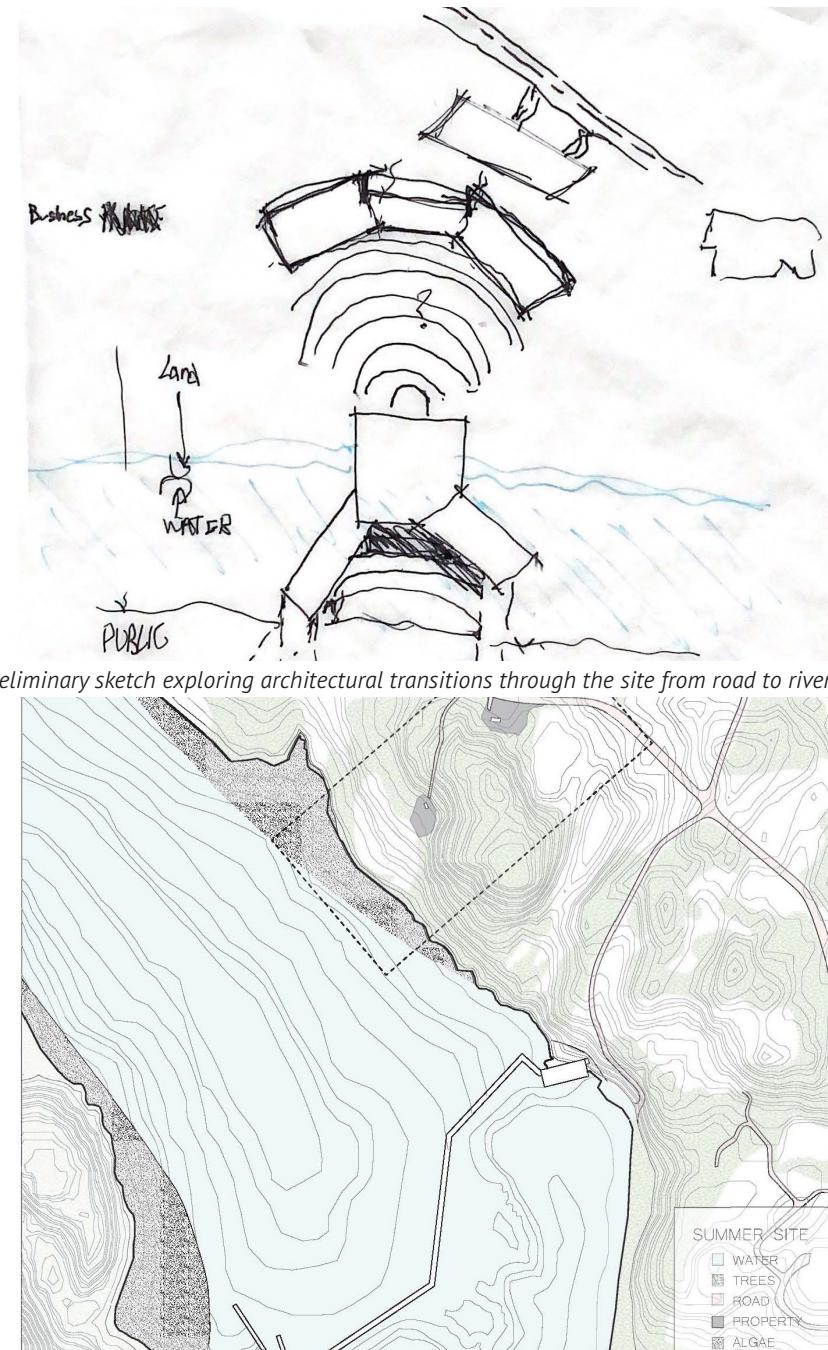
SACRED INTERMEDIARIES

Banks of Mohawk River
Schenectady, NY

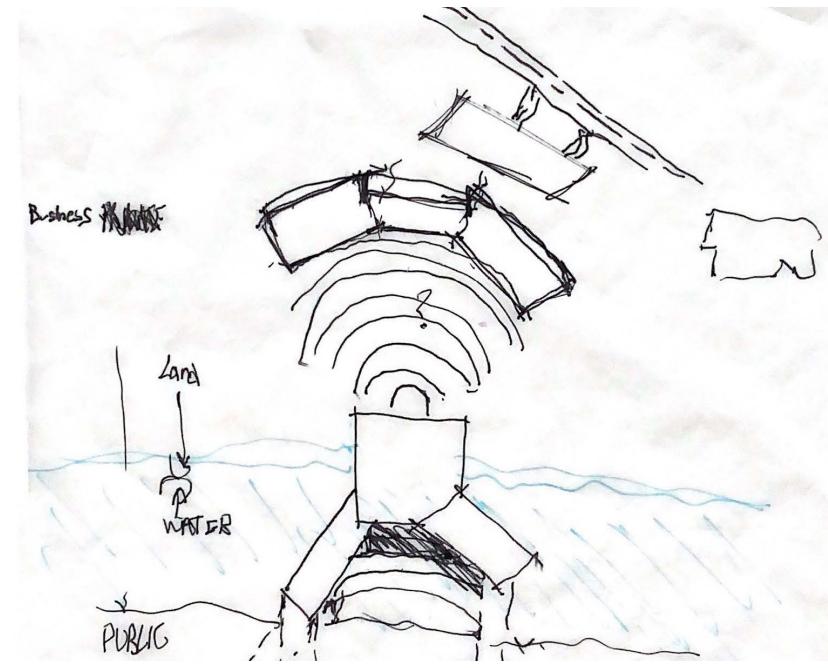
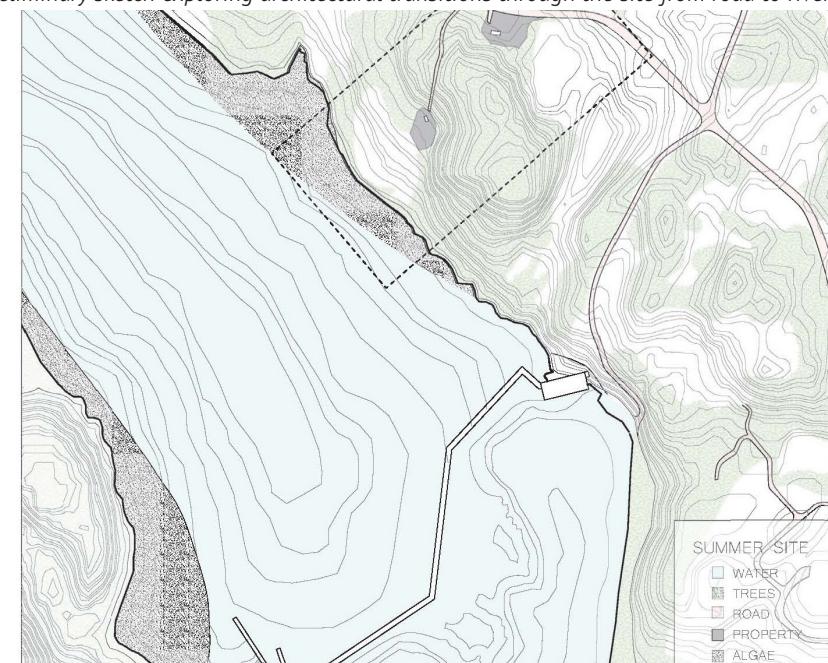
PROFESSOR Marcos Parga

Skills Used: Adobe Suite, Rhino 3d, Model
making, Hand Sketching

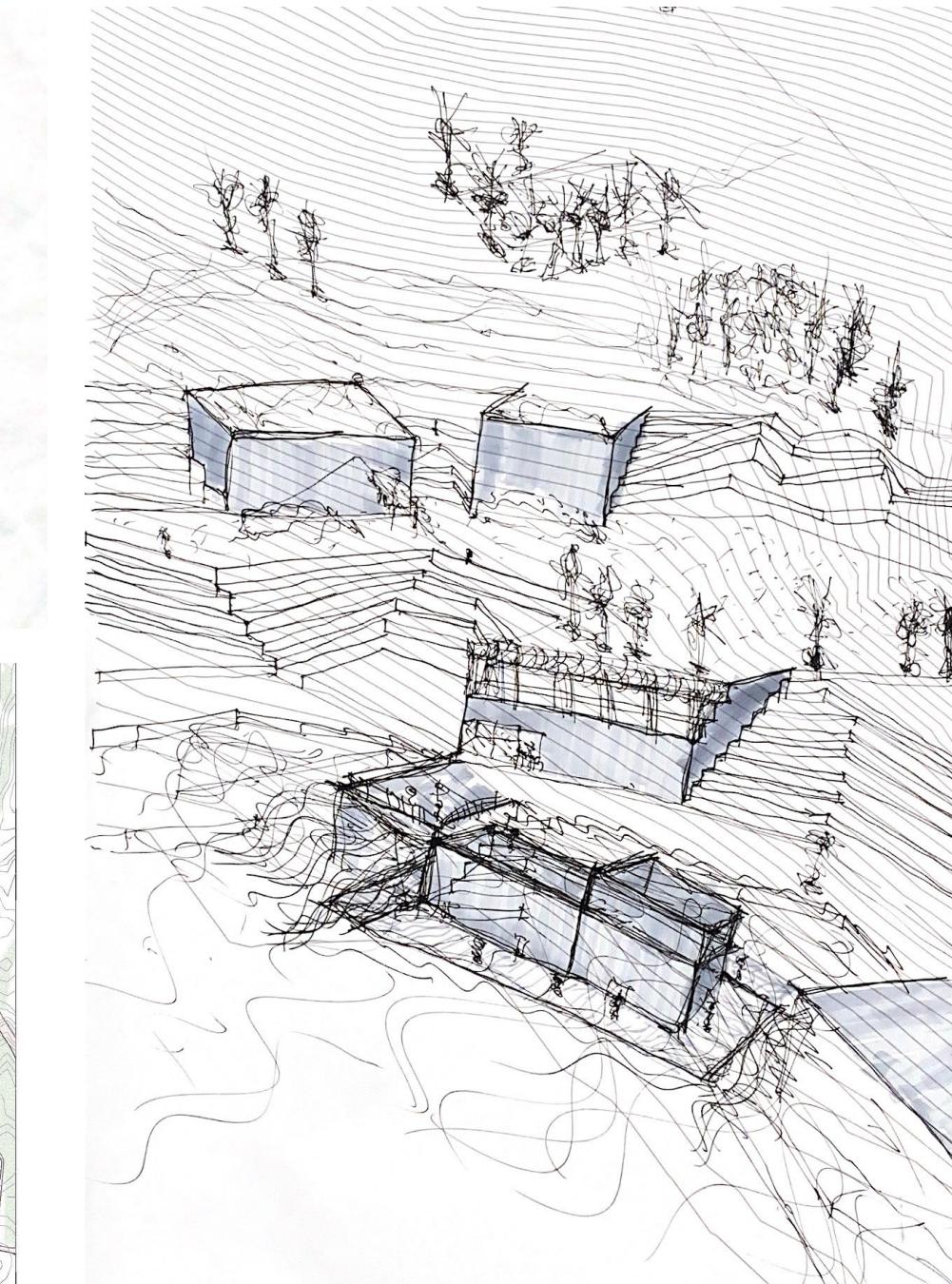
Located along the banks of the Mohawk River near Schenectady, NY, SACRED INTERMEDIARIES explores the relationship of architecture and landscape. By molding with the landscape through terraced platforms along the banks of the river, SACRED INTERMEDIARIES places emphasis on the intricate conversations happening between the land and river, such as the seasonal flooding on the site. Along with this emphasis on land and river, SACRED INTERMEDIARIES looks to question architecture's impact on the landscape by minimizing the physical built environment of the site through the placement of an ecological center/research site underground in stereotomic cavernous spaces, thus leading to a preservation of land and a relationship of human and environment.



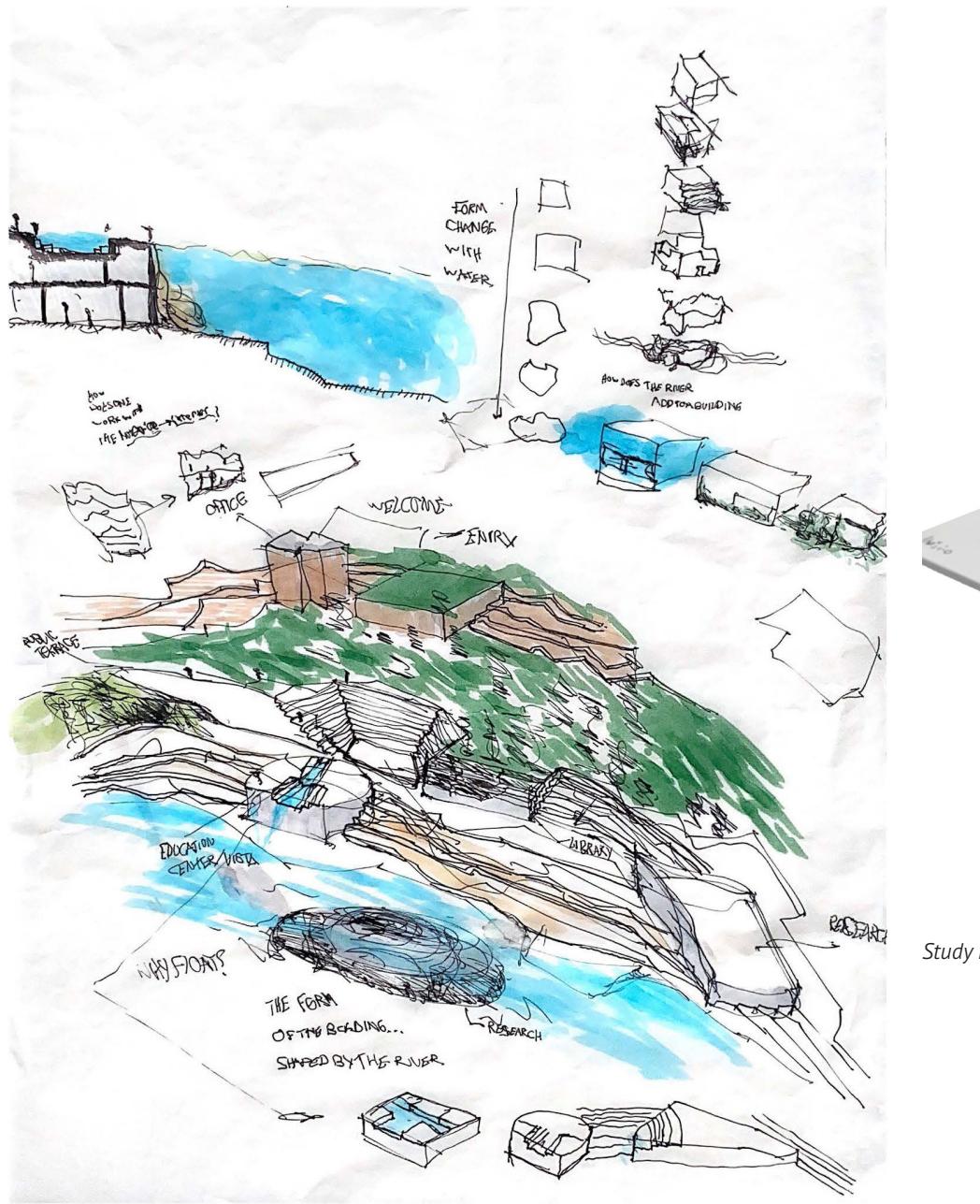
Seasonal Analysis of Flooding along the site's river bank



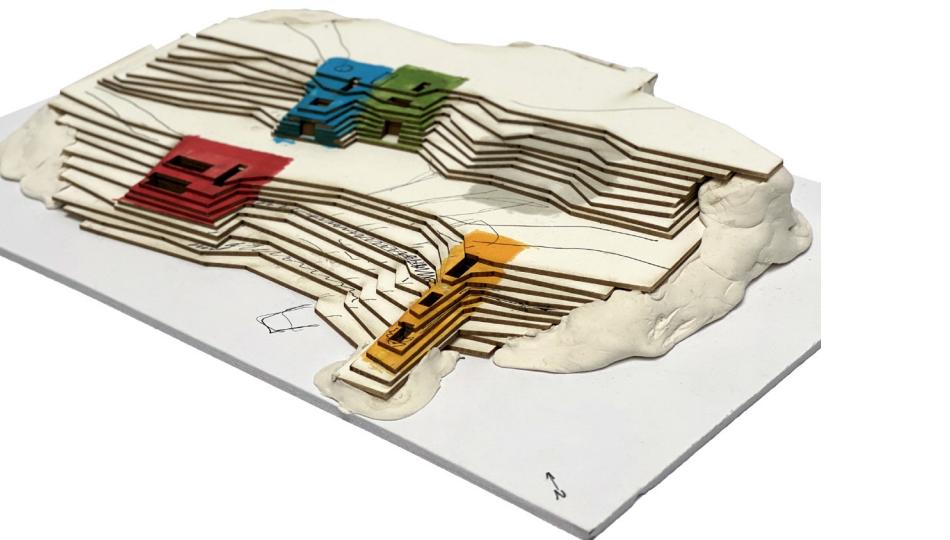
Preliminary sketch exploring architectural transitions through the site from road to river



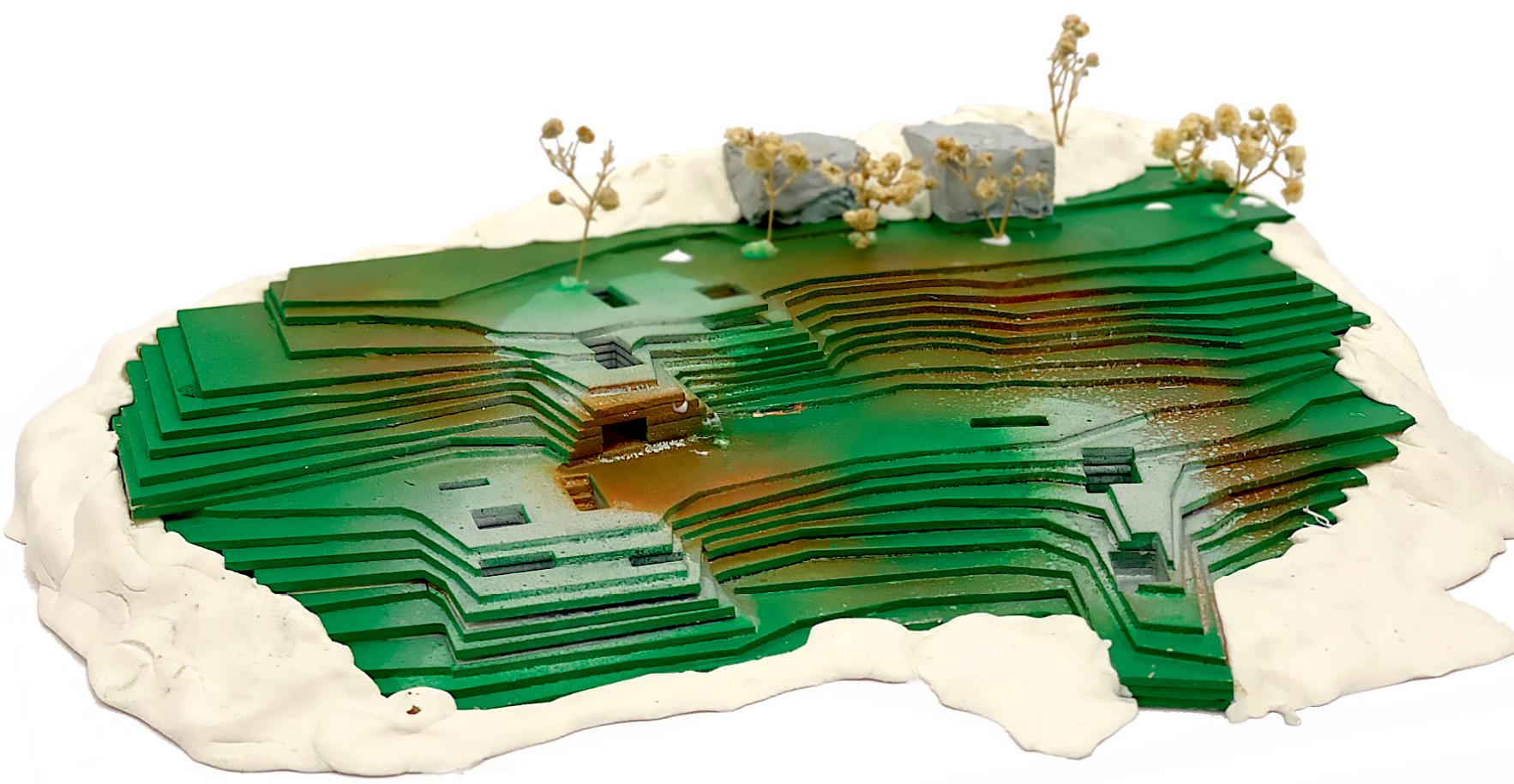
Conceptual Sketch exploring terracing along topography and building within the earth



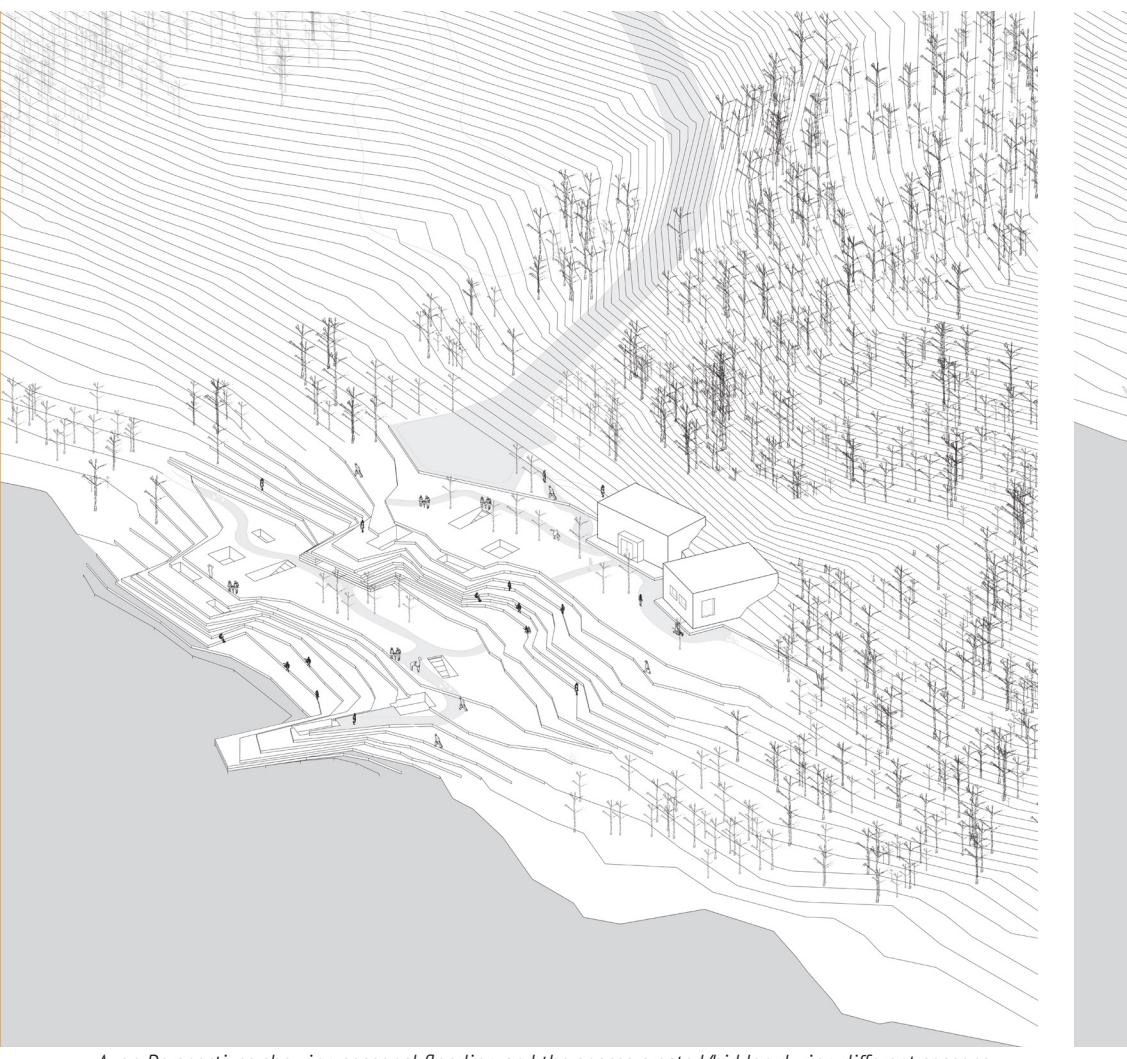
Analysis of Landscape/Envelope Interactions and the simulated effects of river on landscape



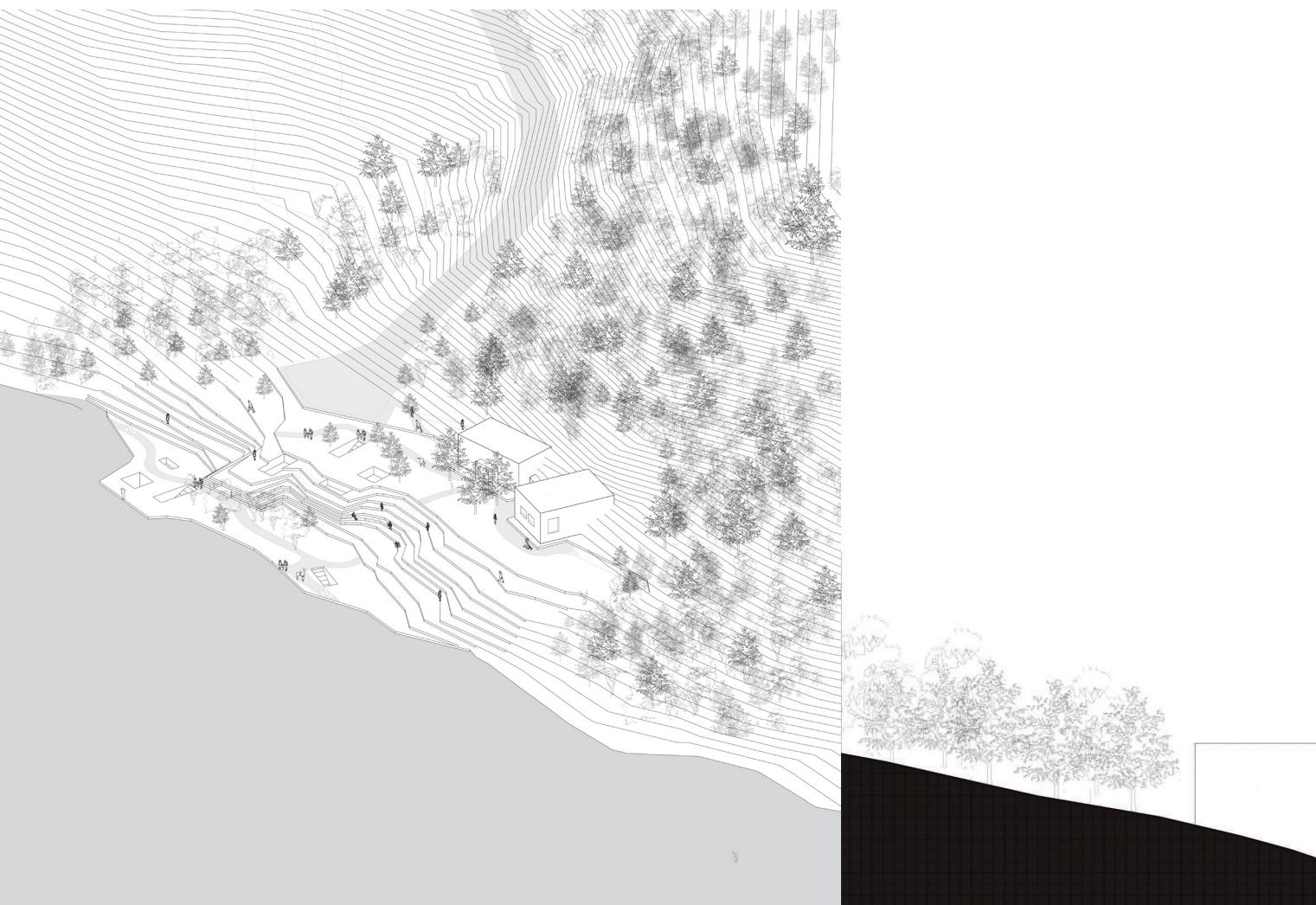
Study model highlighting program within and the expression of buildings through landscape



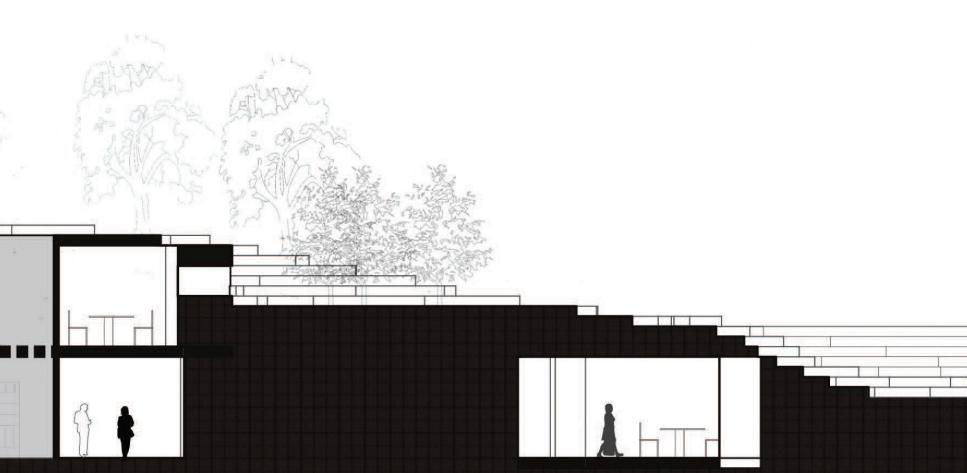
Final landscape model showing the critique of architecture on landscape with the solution of architecture within landscape

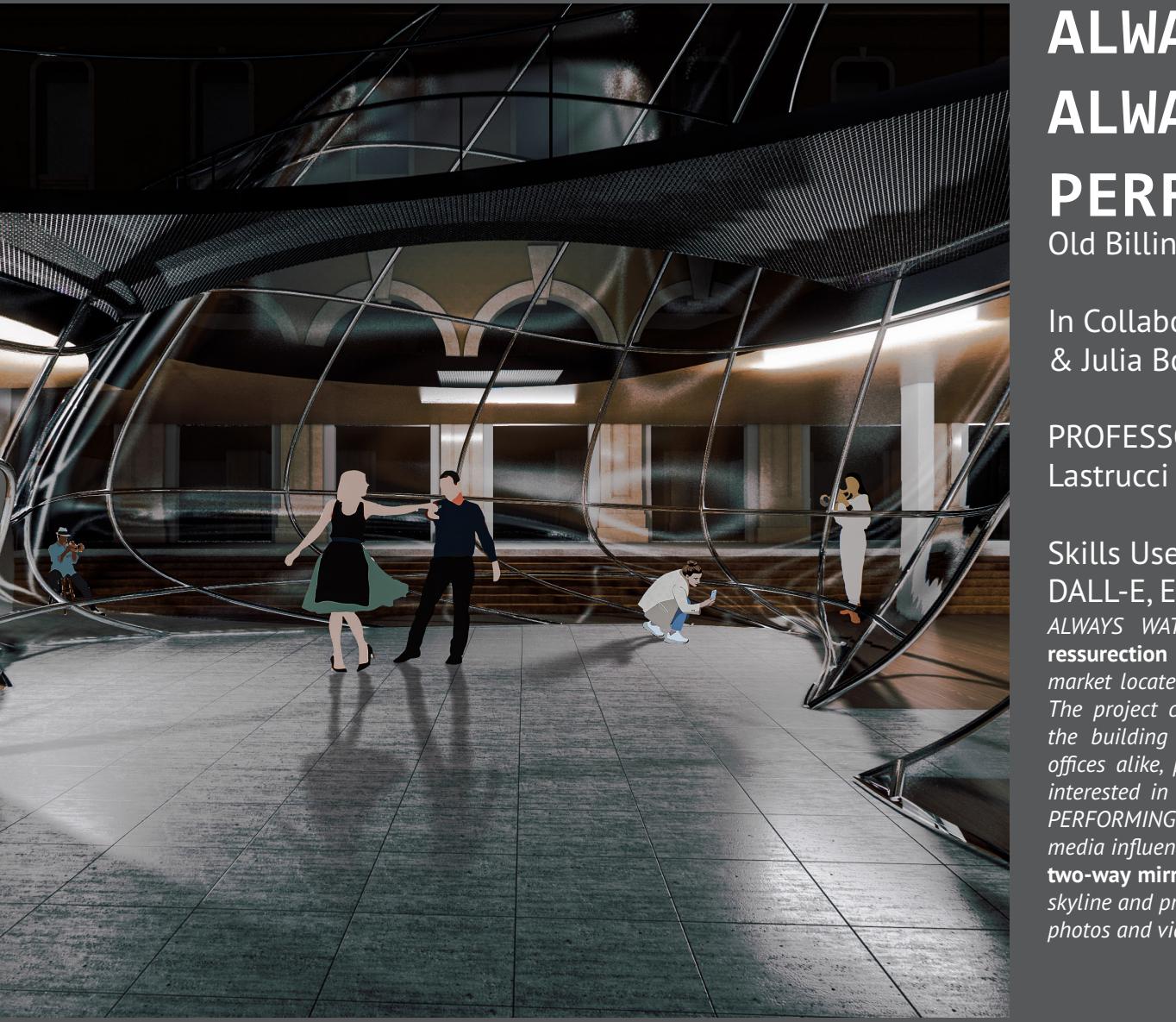


Axon Perspectives showing seasonal flooding and the spaces created/hidden during different seasons



Ground Plan expressing the dynamic underground spaces hidden under the formations of the terrain





ALWAYS WATCHING/ ALWAYS PERFORMING

Old Billingsgate Market, London, England

In Collaboration with Jayden Schexnayder
& Julia Bolukh

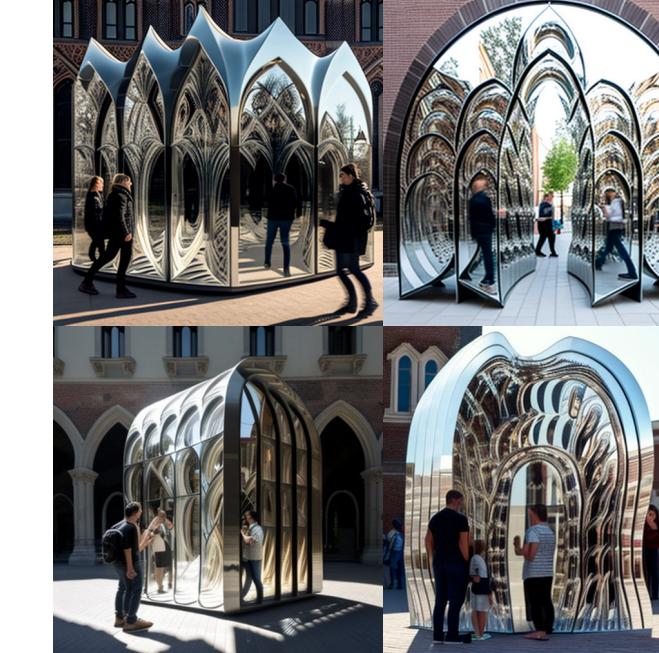
PROFESSORS: Amber Bartosh, Vanessa
Lastrucci

Skills Used: Rhino, QGIS, Midjourney,
DALL-E, Enscape, Adobe Creative Suite

ALWAYS WATCHING/ALWAYS PERFORMING focuses on the **resurrection** and **reactivation** of a former prominent fishing market located on the Thames promenade in London, England. The project carefully makes use of only the southern side of the building to house performing spaces, music rooms, and offices alike, providing a safe and exclusive space for anyone interested in the performing arts. ALWAYS WATCHING/ALWAYS PERFORMING caters itself to both the performing arts, social media influencers, and passing tourists via the use of a **sculpted two-way mirror curtain wall** that **reflects** the surrounding city skyline and prominent landmarks, making it an ideal location for photos and video taking.



Sketch exploring mirrors, reflections, and material changes based off certain lighting conditions



Midjourney exploration of reflections and mirrors

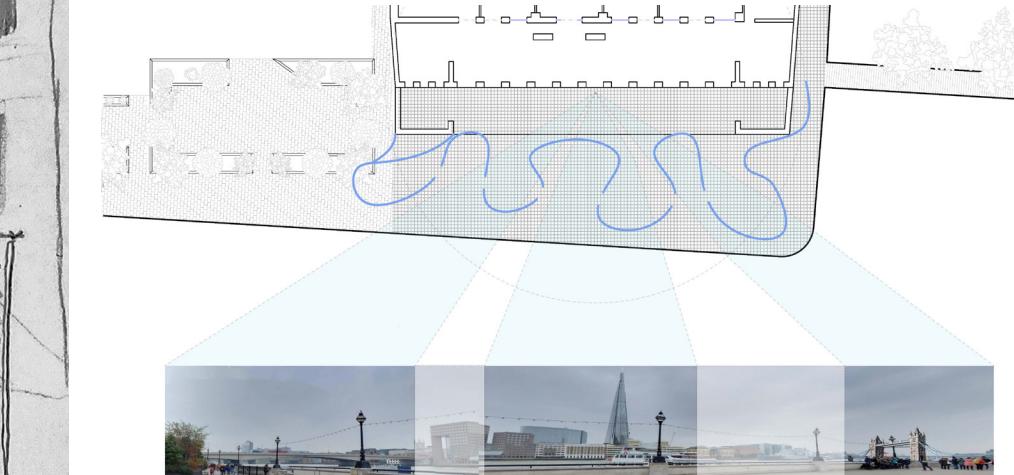
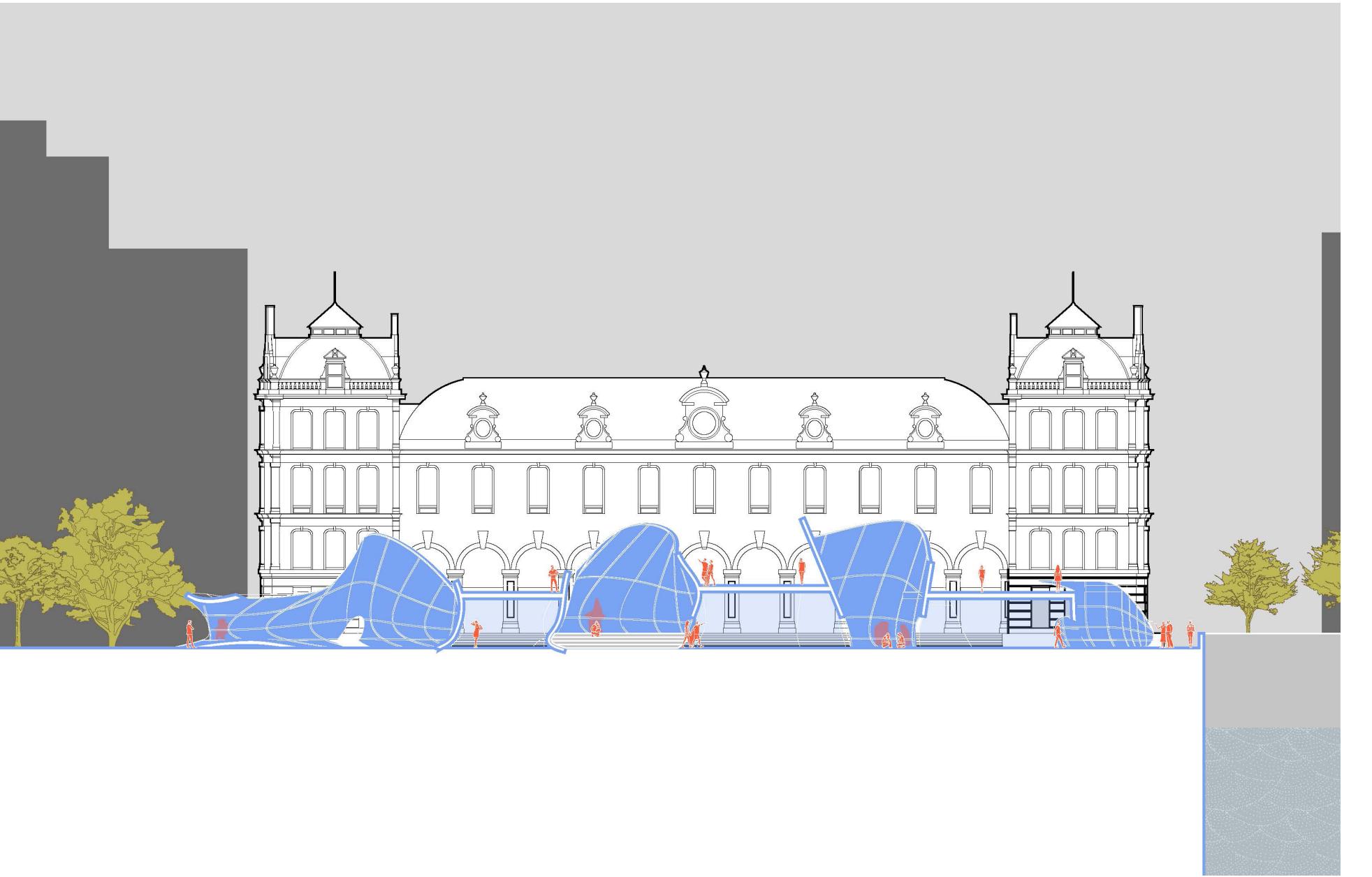


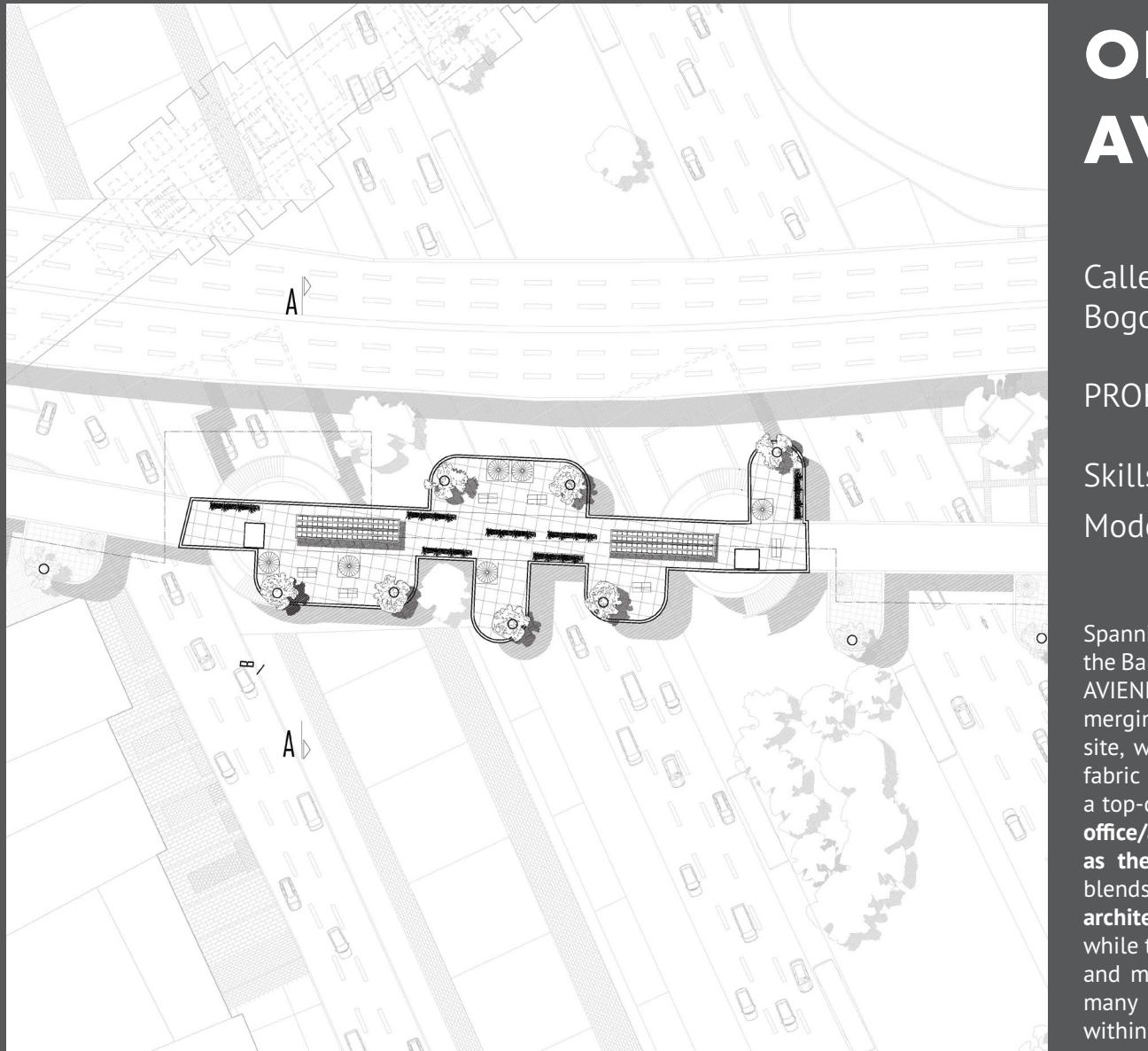
Diagram of the surrounding landmarks and possible photo spot locations around the site



Long Section showing spaces between in the sculptural installation as well as the dynamic engagement between the project and Old Billingsgate's facade



Daytime render of possible user experiences with the sculptural mirror facade



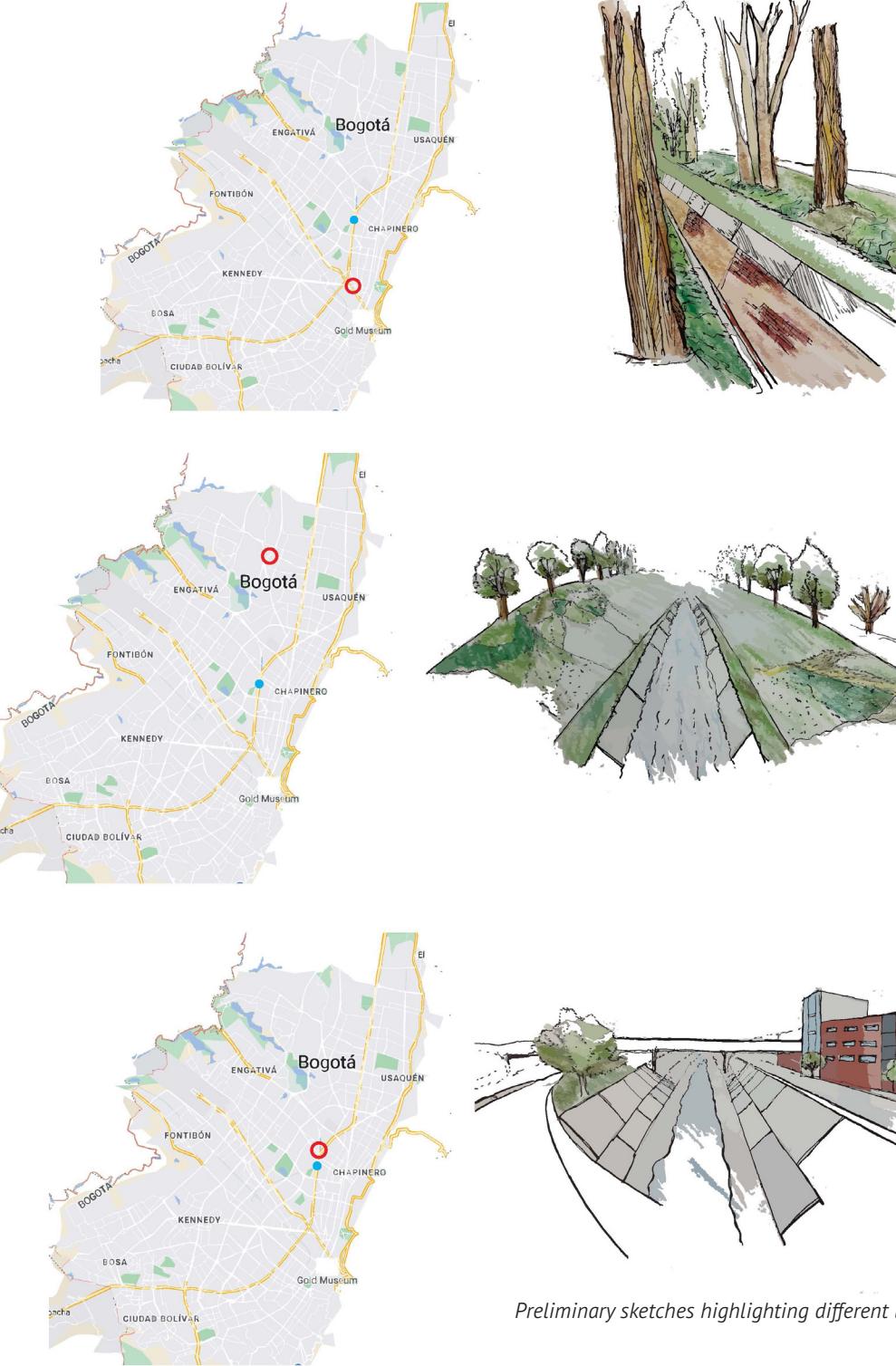
OFFICES OVER AVIENDA NQS

Calle 60 & Avienda NQS in Barrios Unidos
Bogota, Colombia

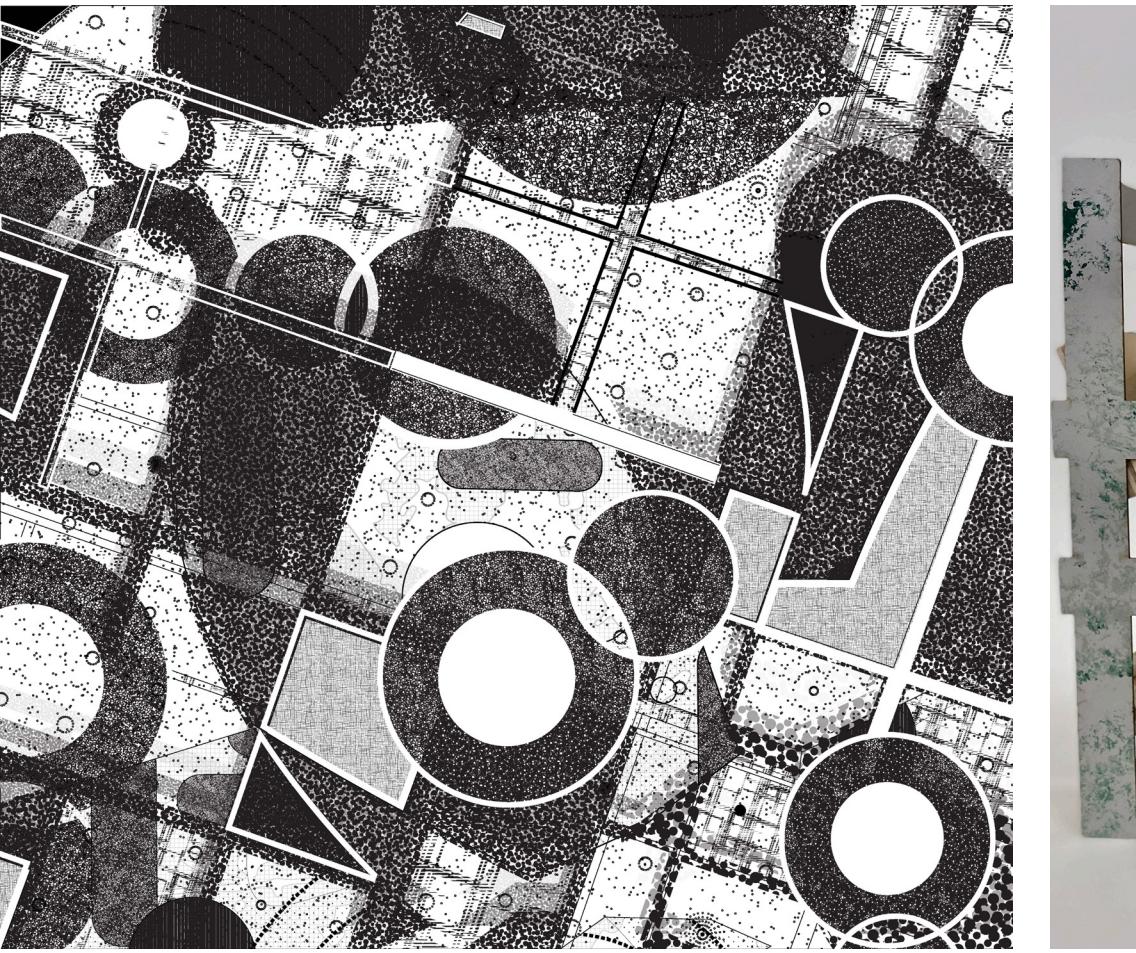
PROFESSOR Joel Kerner

Skills Used: Adobe Suite, Rhino 3d, Enscape,
Modelmaking, Handsketching, Fabrication

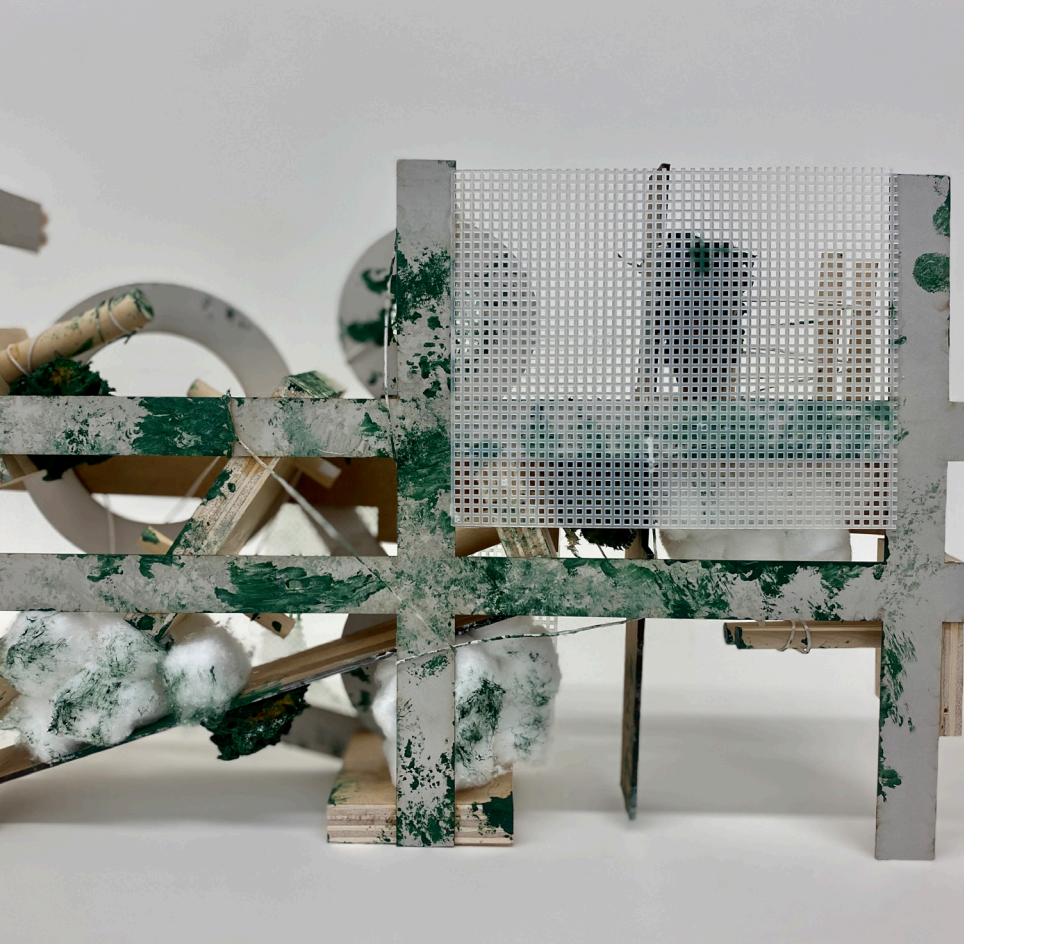
Spanning across the central highway Avienda NQS through the Barrios Unidos district in Bogota, Colombia, OFFICES OVER AVIENDA NQS tackles **the problem of layered infrastructure** by merging pedestrian spaces with a predominantly automotive site, while still keeping with the representational material fabric of Bogota. The project takes the existing footprint of a top-down pedestrian bridge and molds it into a bottom-up **office/automotive school complex that grows and develops as the city itself advances**. OFFICES OVER AVIENDA NQS blends with the surrounding **material environment and iconic architecture** buildings through the usage of **brick construction**, while the creation of the automotive school hopes to connect and make use of a vital industry within Bogota, given the many mechanic and automotive garages that are located within the site.



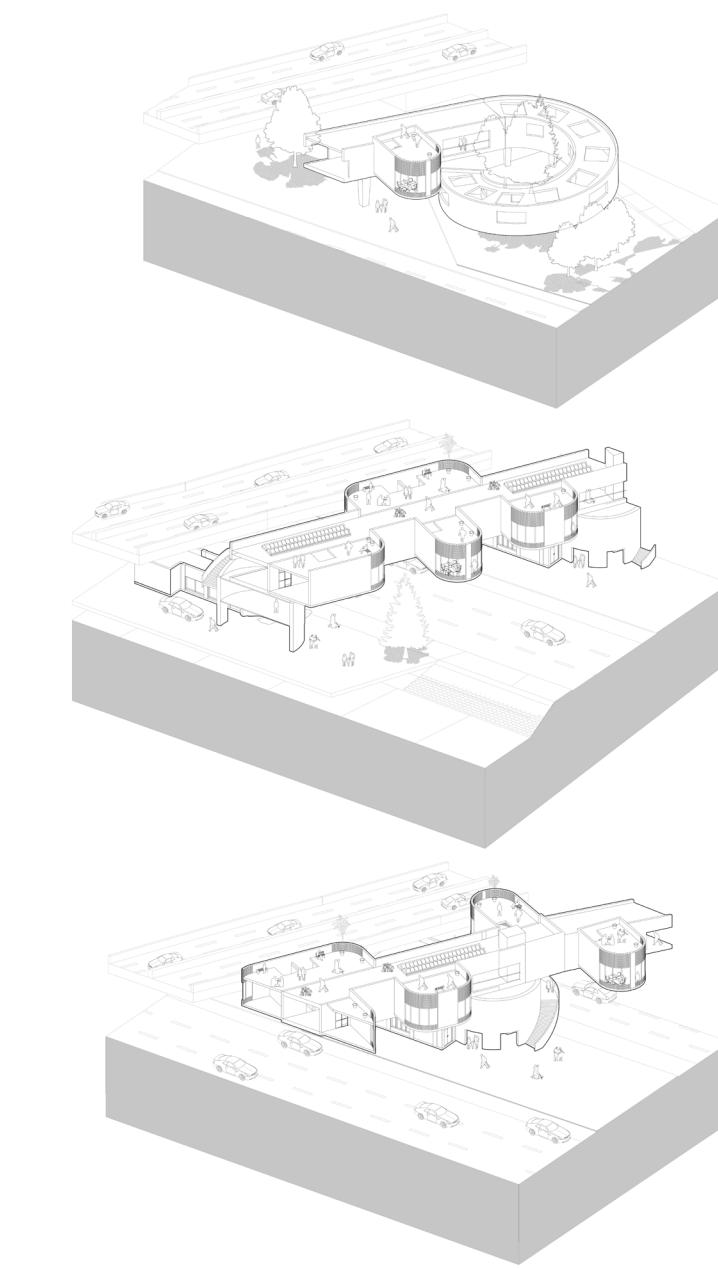
Preliminary sketches highlighting different landscape conditions around Bogota, Colombia



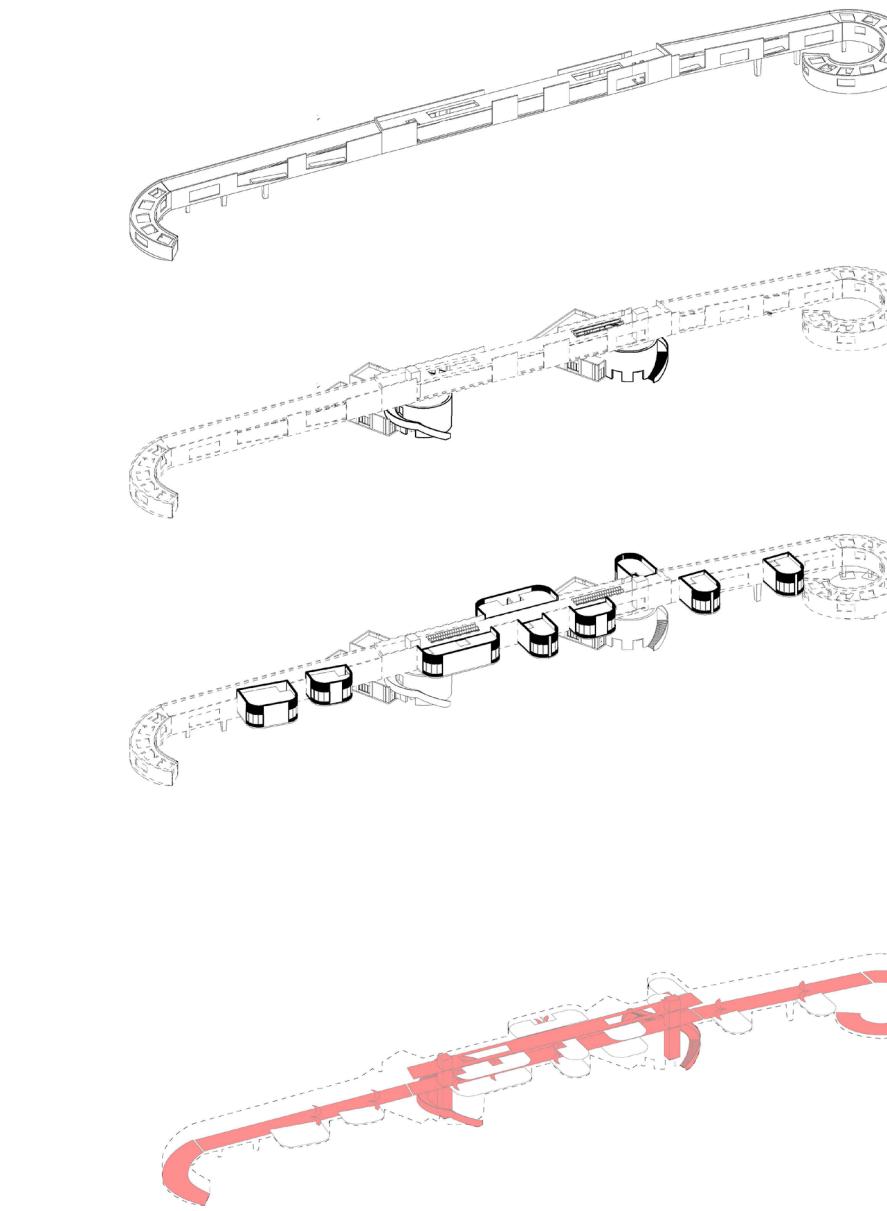
Research drawing exercise depicting layered spaces and urban infrastructure of Bogota



Study model of circulation, threshold and infrastructure (Handcrafted)



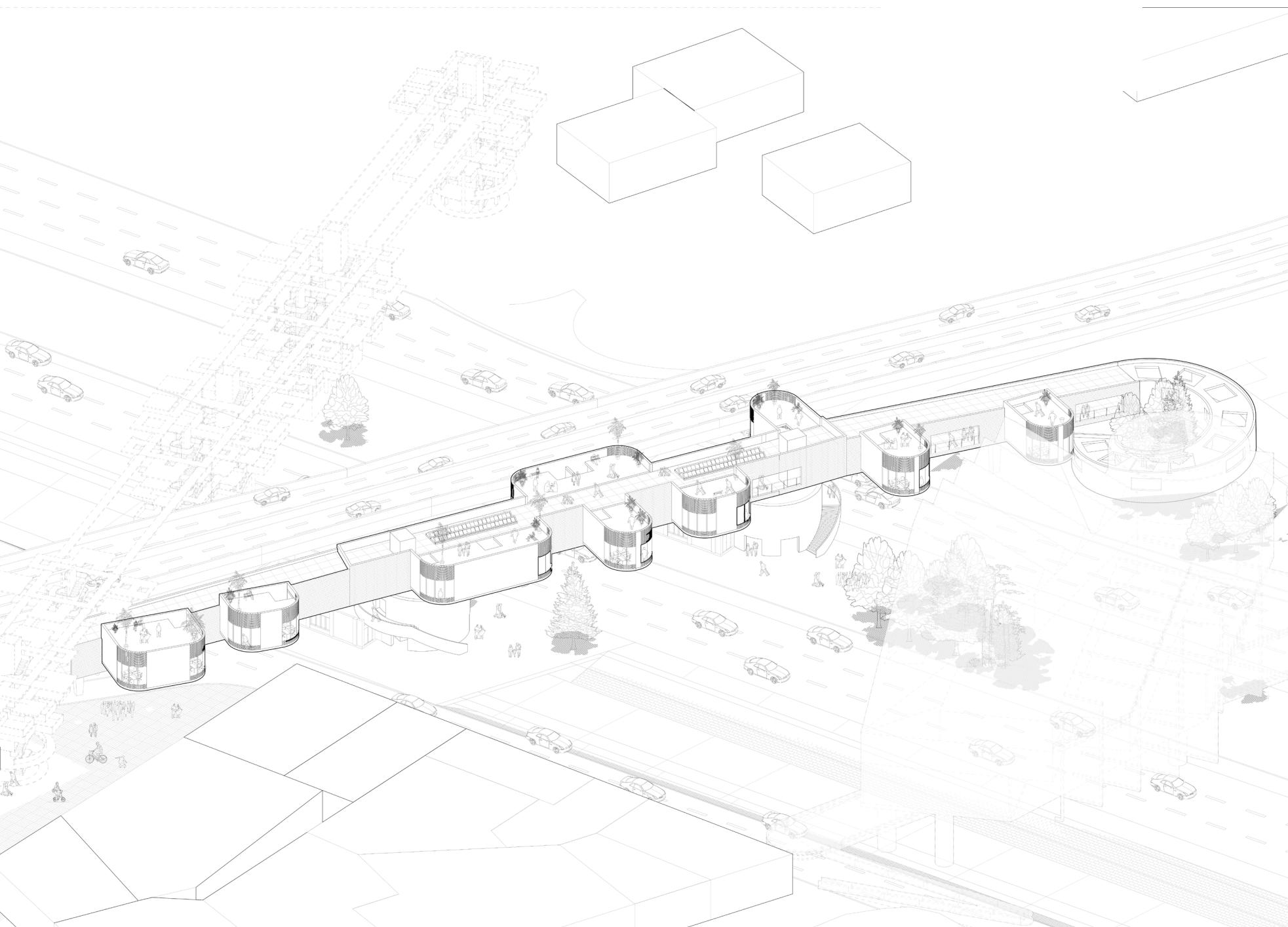
Perspective Axon Chunks highlighting 3 different conditions along the bridge

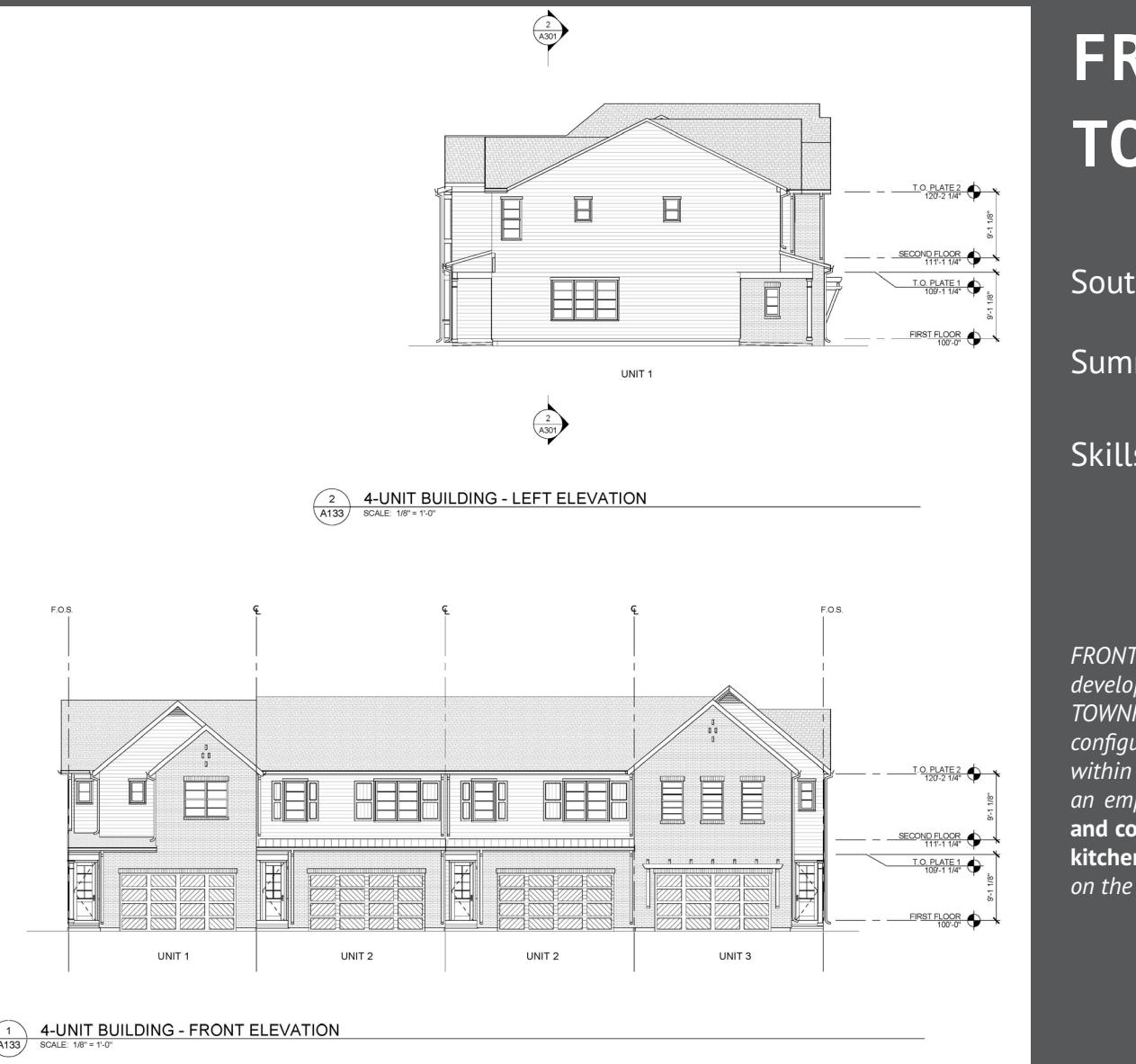


Diagrams about Project Phasing and main circulation through the project



Street view approaching the Bridge from the east side with emphasis on how the bridge meets the ground





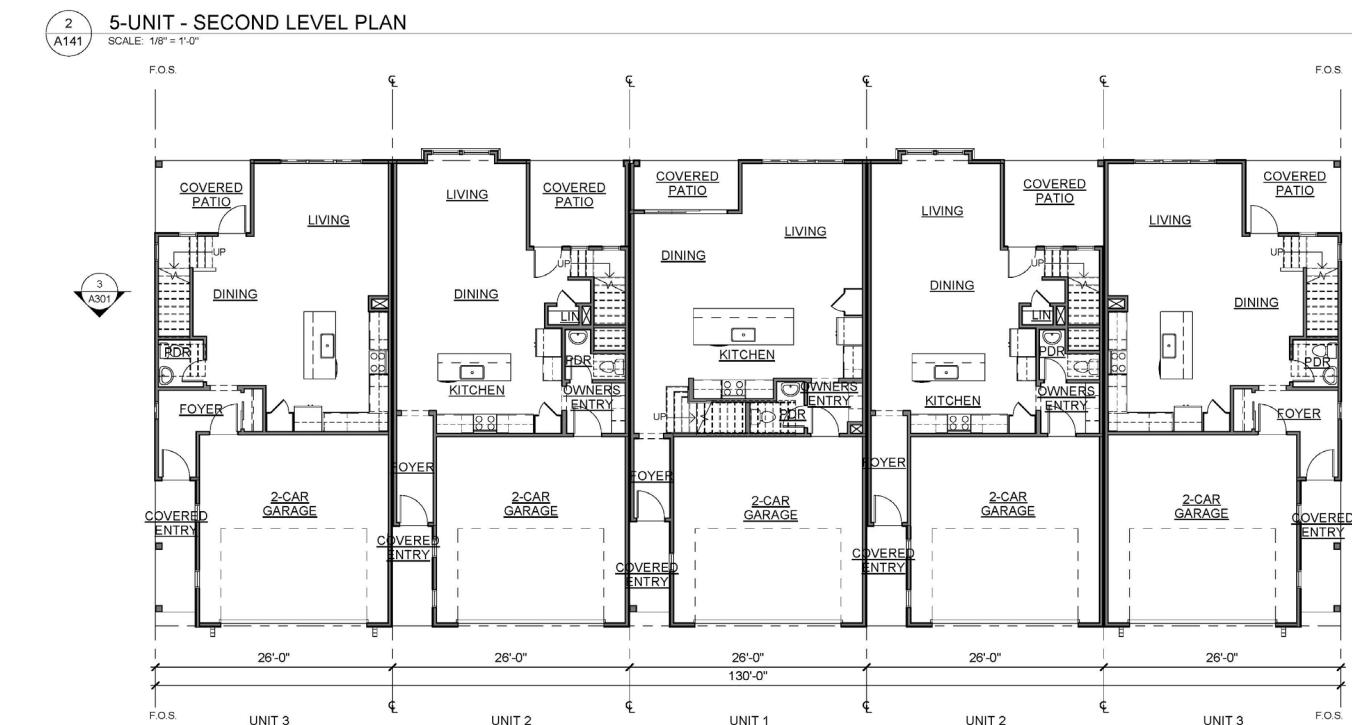
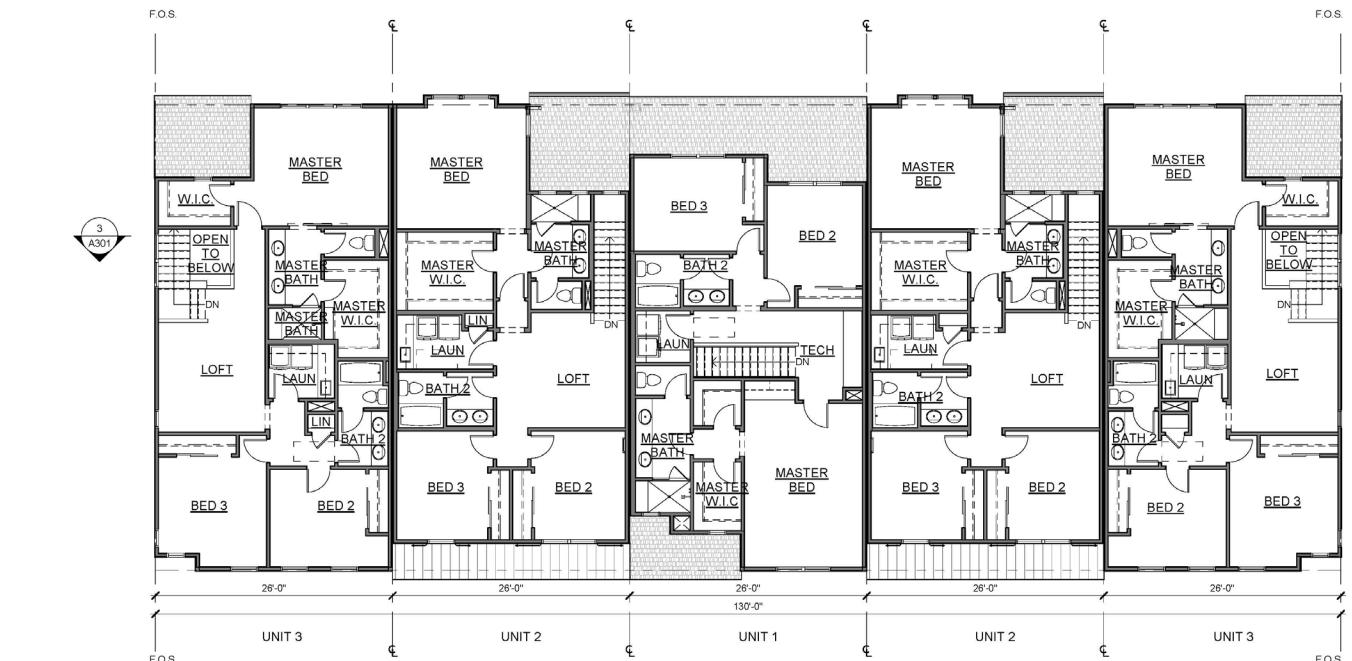
FRONLOAD TOWNHOMES

South Carolina

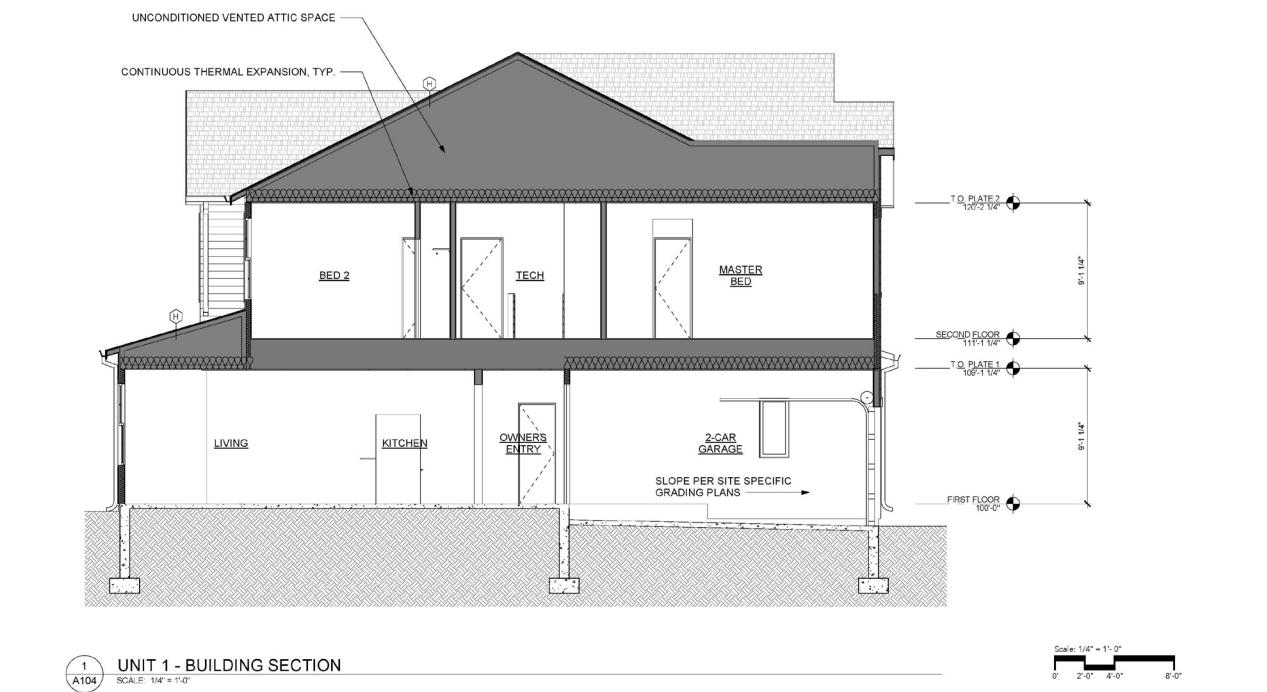
Summer Internship at DTJ DESIGN

Skills Used: Revit, Sketchup, BlueBeam

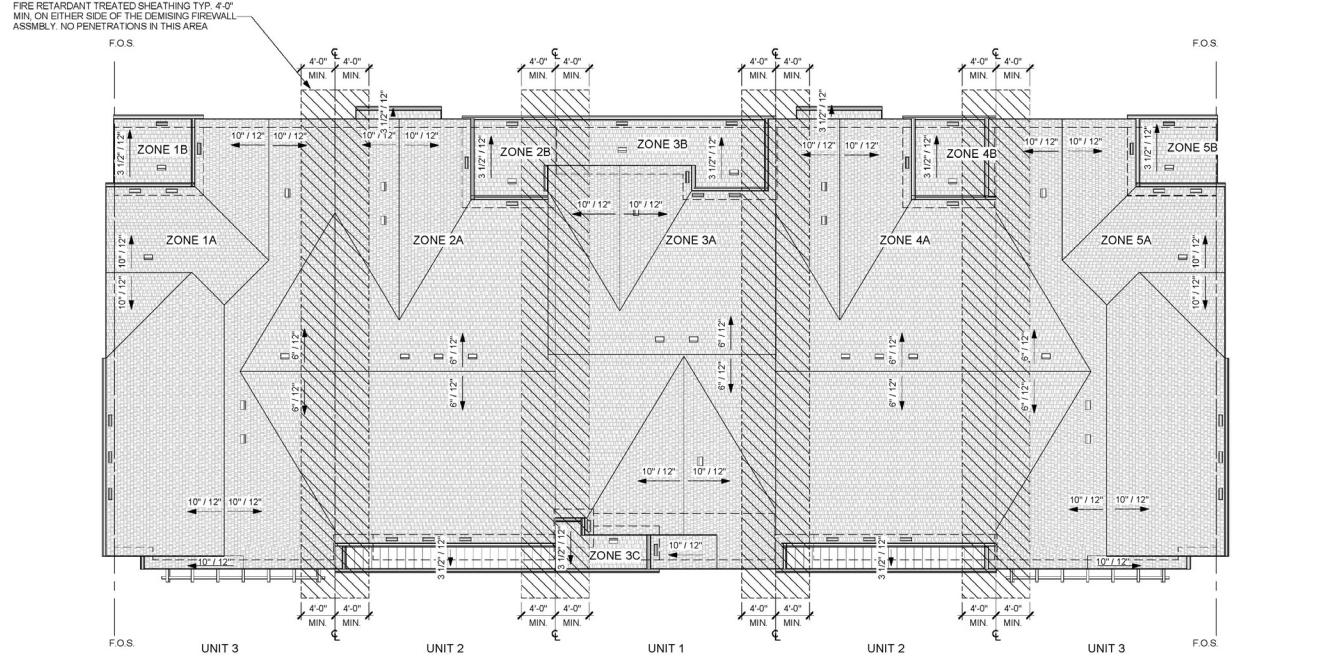
FRONLOAD TOWNHOMES are a series of new urban residential developments located within South Carolina. FRONLOAD TOWNHOMES makes use of three different townhome duplex configurations to create an engaging suburban neighborhood within South Carolina. Each townhome plan arrangement place an emphasis on a social environment ideal for new families and commuting young adults, with spacious living rooms and kitchens on the ground floor and secluded, intimate bedrooms on the first floor.



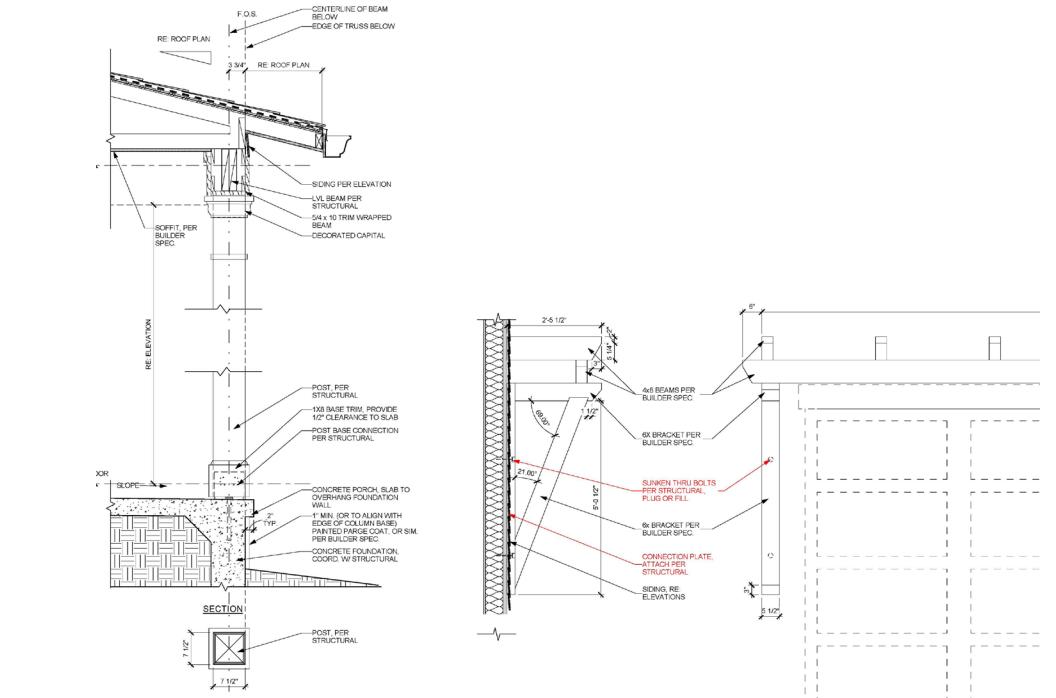
Floor plans showing the 5-home configuration within the overall project



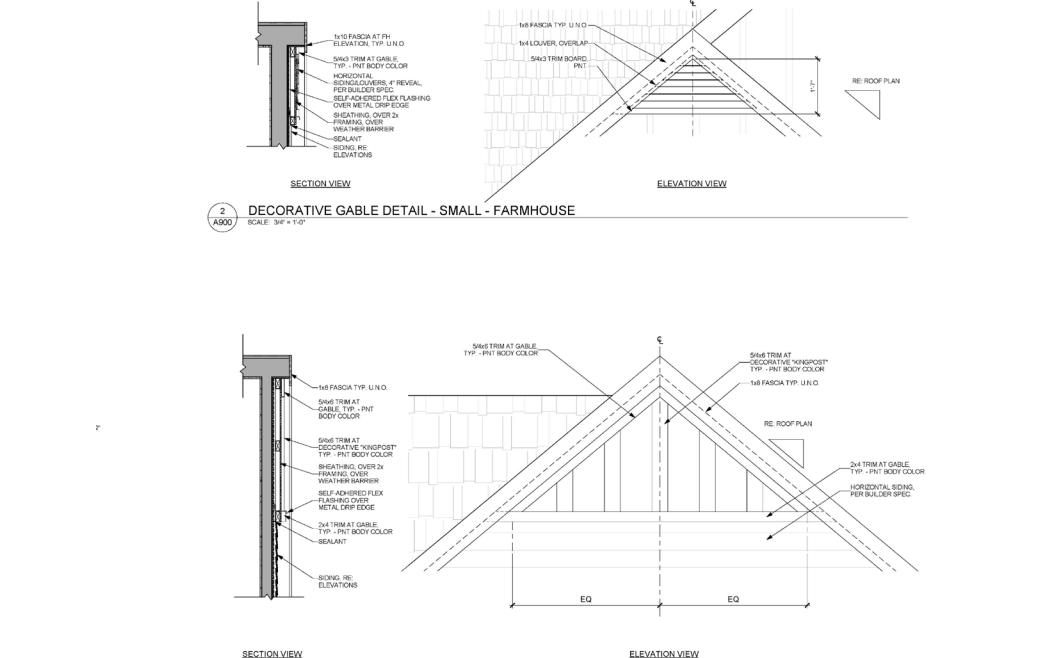
Part 1 Building Section highlighting the arrangement of spaces within the townhomes



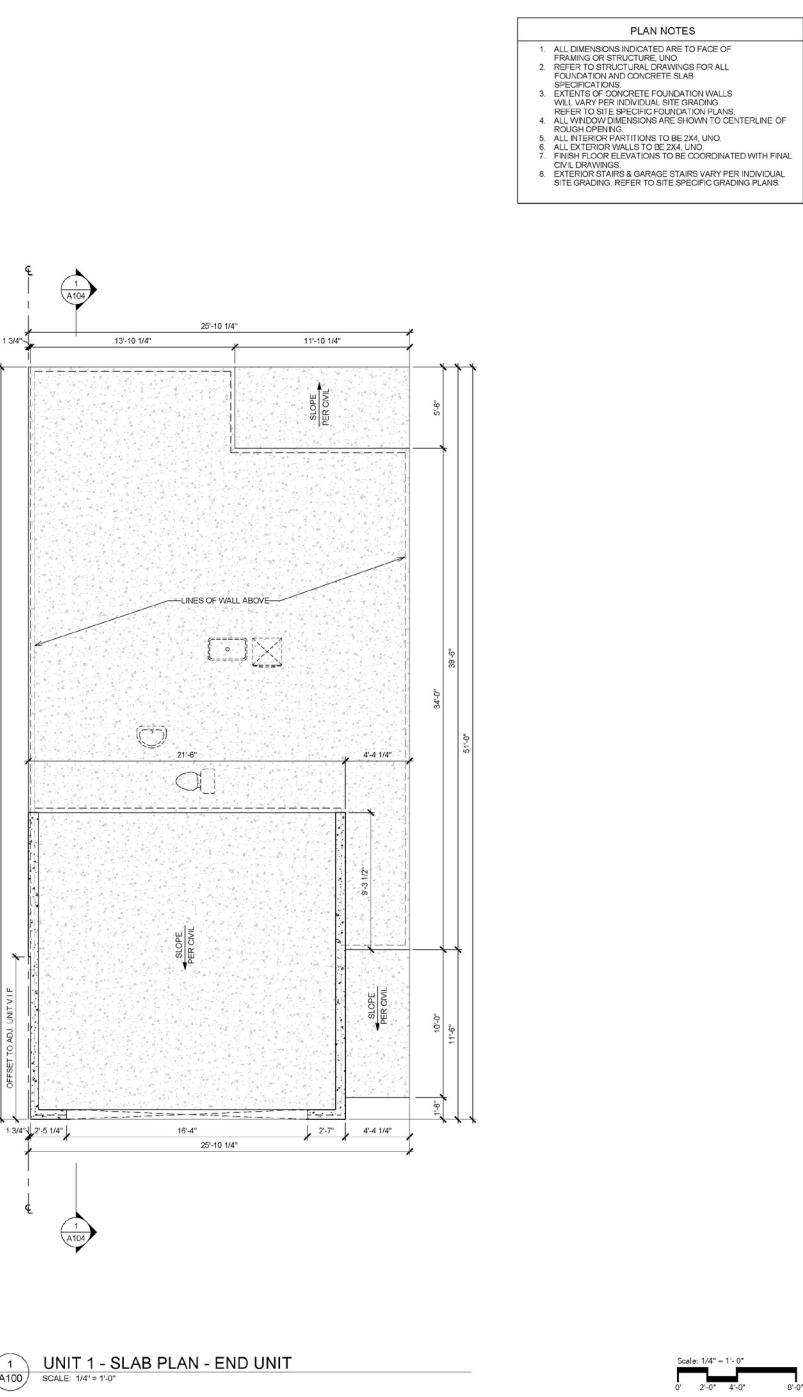
Unit Townhome option Roof Plan showing roof vent placements, roof angles and fire wall zones



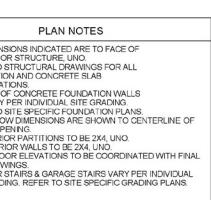
Wall Section and Garage Details for column and decorative garage elements construction

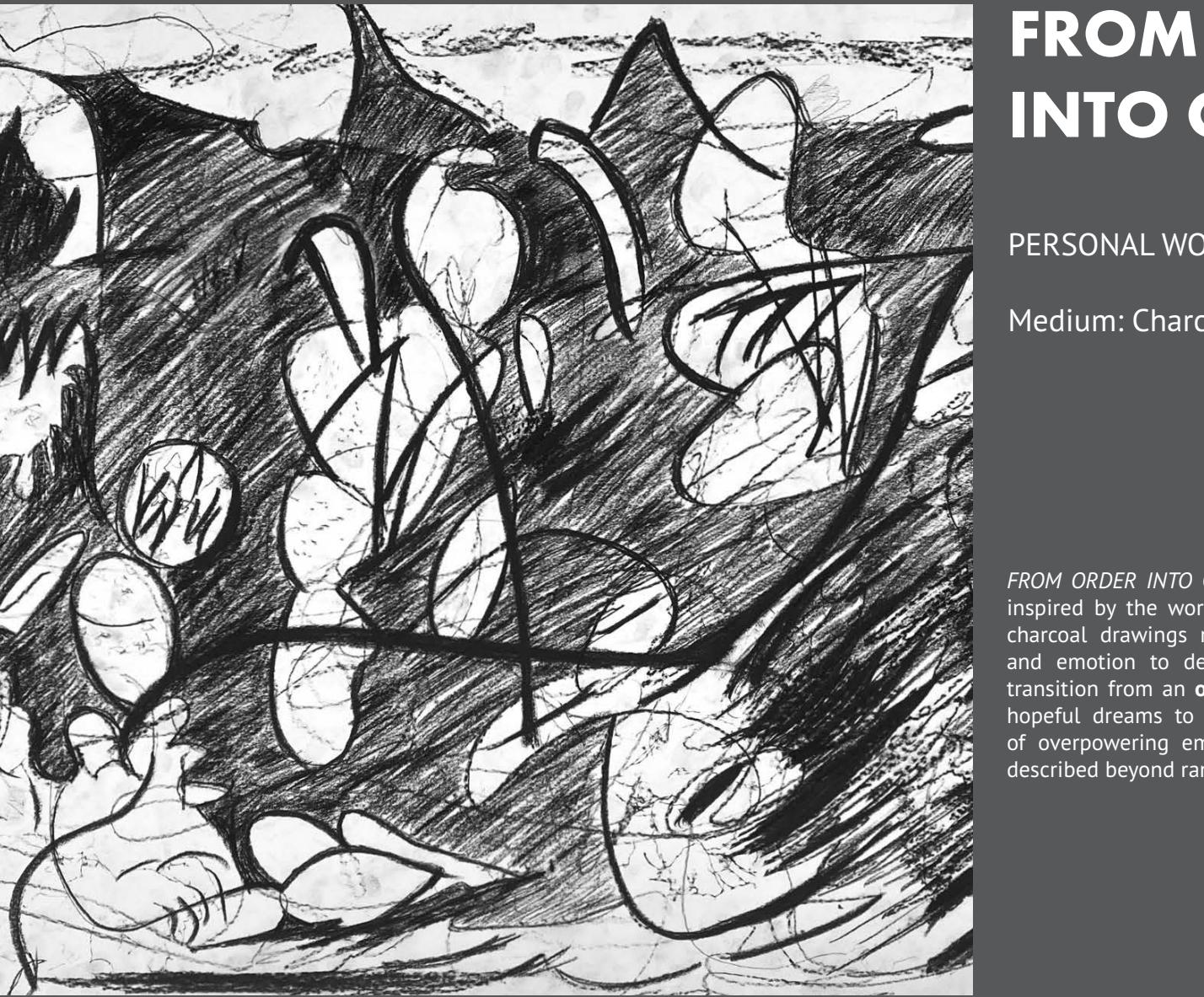


Decorative Gable Vent Details



Unit 1 Slab plan showing foundation and garage slab treatment and construction



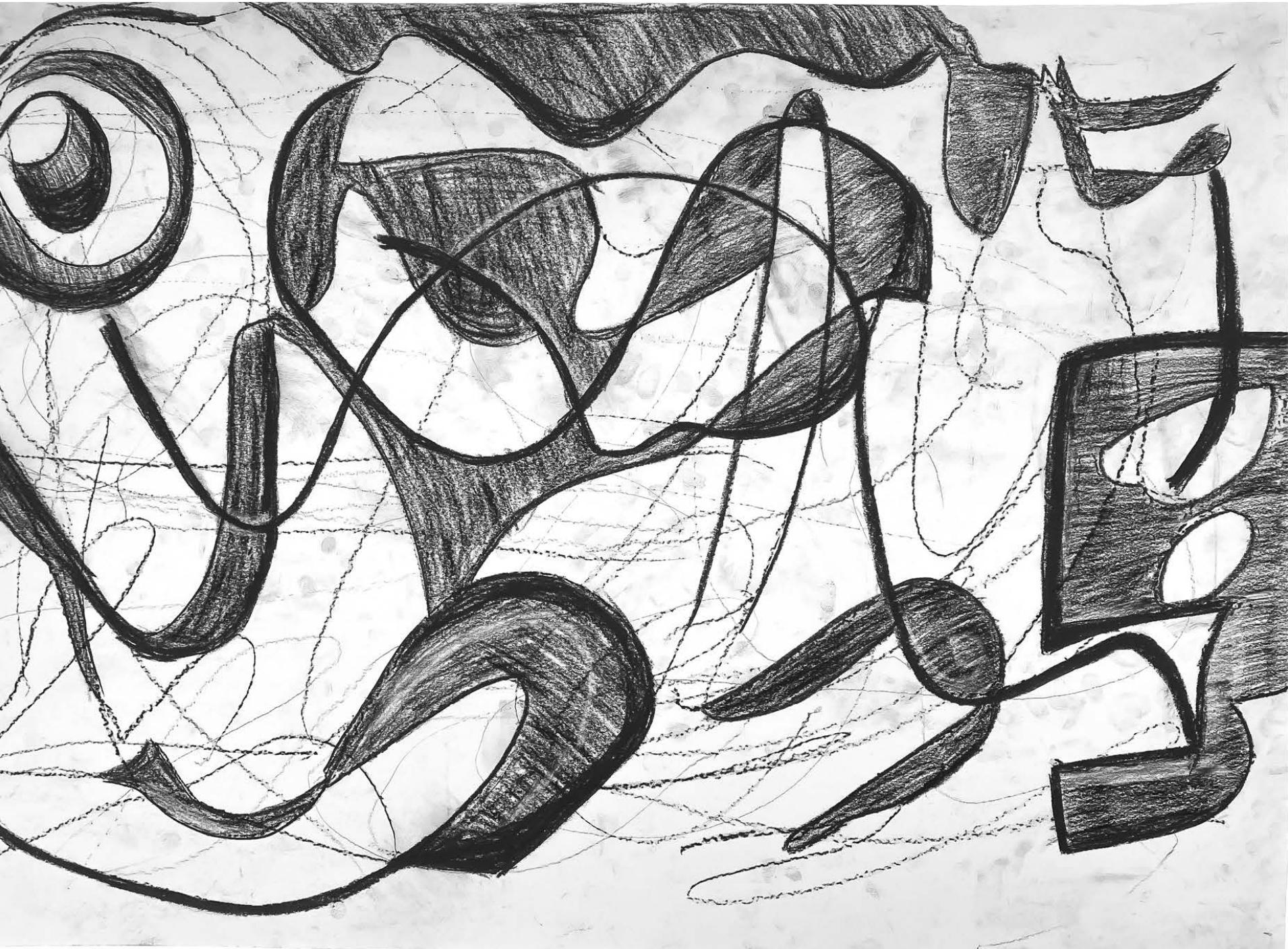


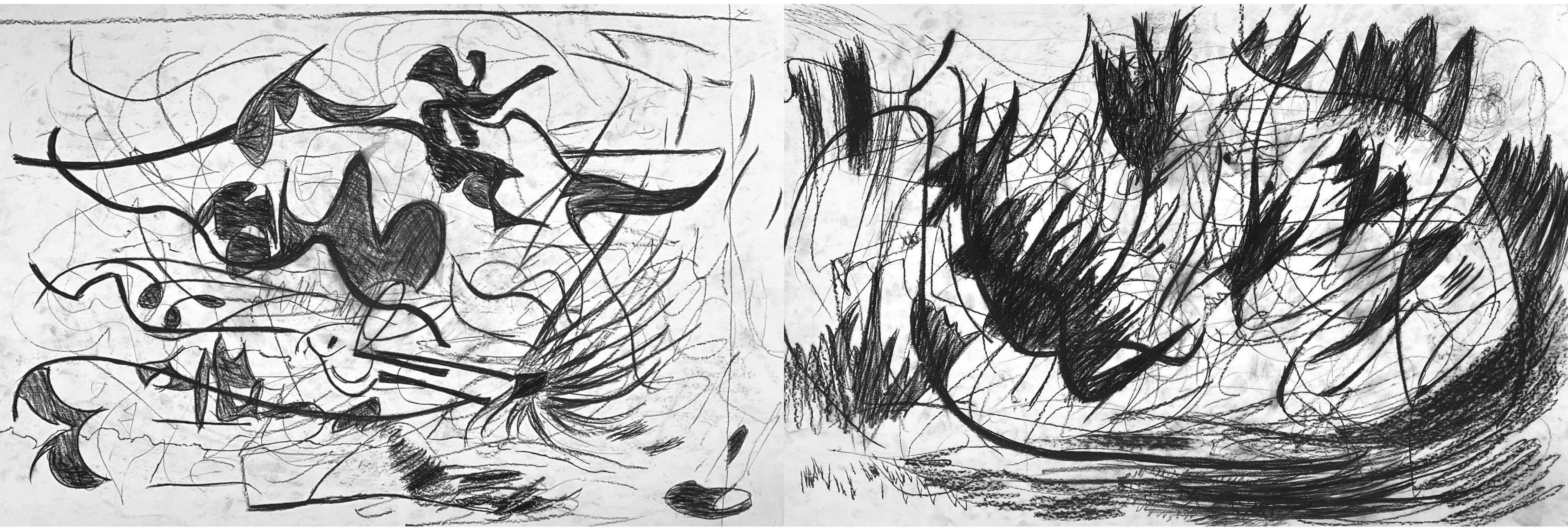
FROM ORDER INTO CHAOS

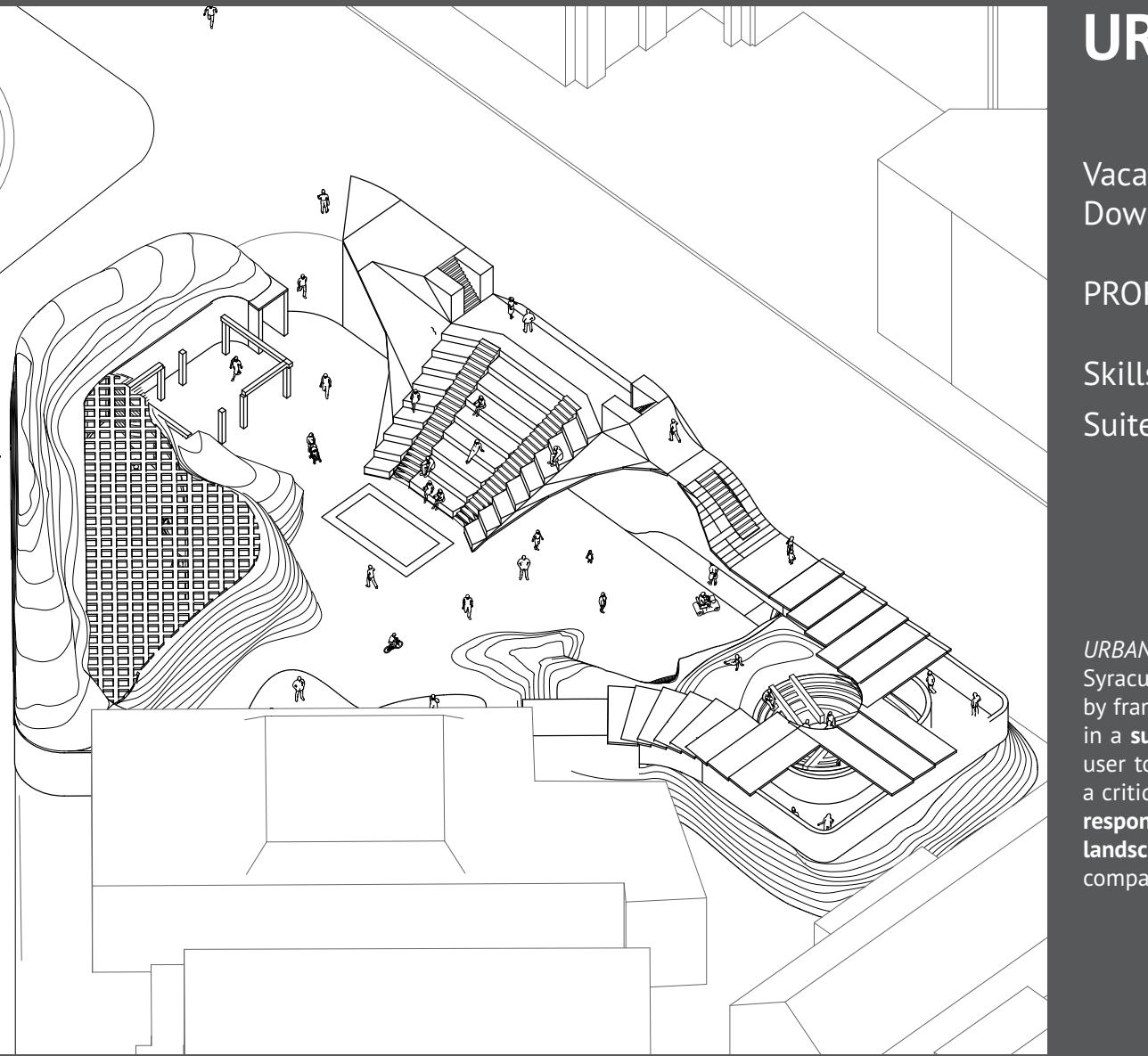
PERSONAL WORK

Medium: Charcoal Hand Drawing

FROM ORDER INTO CHAOS is a series of charcoal drawings inspired by the works of **William De Kooning**. Each of the charcoal drawings make use of dark and light, language and emotion to describe a progression of symbolism, a transition from an **orderly, calm world** of clean desires and hopeful dreams to the final **chaos**, the complete anarchy of overpowering emotions from which no reason can be described beyond random insanity.







URBAN OASIS

Vacant Lot Next to Columbus Circle,
Downtown Syracuse, NY

PROFESSOR Jesse McCormick

Skills Used: Modelmaking, Rhino 3d, Adobe
Suite, Fabrication

URBAN OASIS acts as a **community center** located in Downtown Syracuse, NY. *URBAN OASIS* explores the idea of space within by framing greenspace within the site, with program located in a **super-charged ring** around the greenspace, enticing the user to move into the architecture. *URBAN OASIS* also offers a critique of the surrounding cityscape by creating a **call and response between city architecture and terraced artificial landscaping**, showing the effects of towering architecture compared to the effects of hills and mountains on the user.

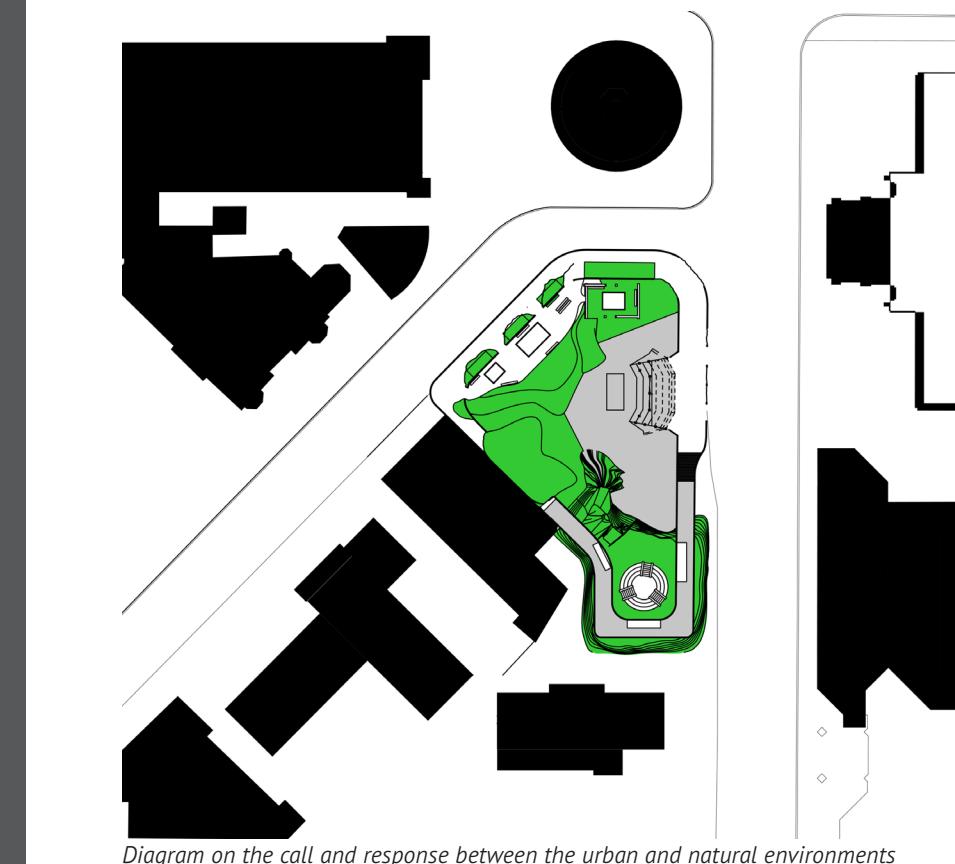
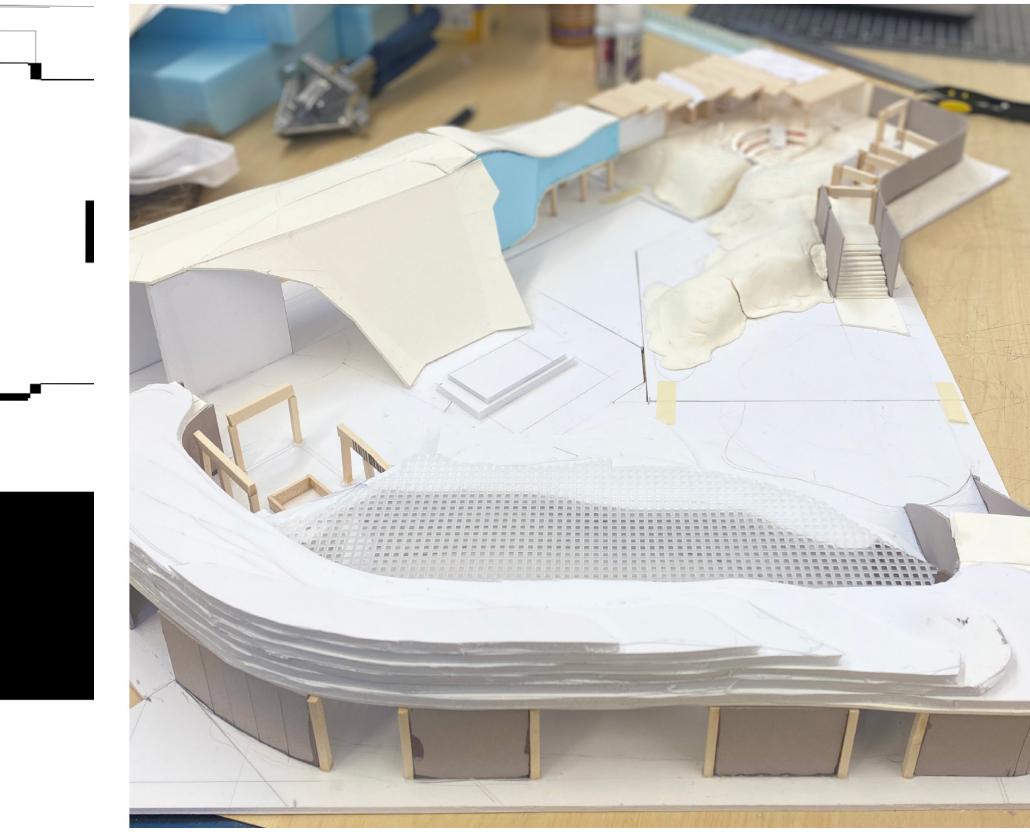
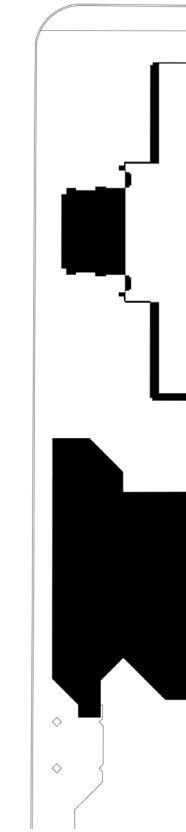
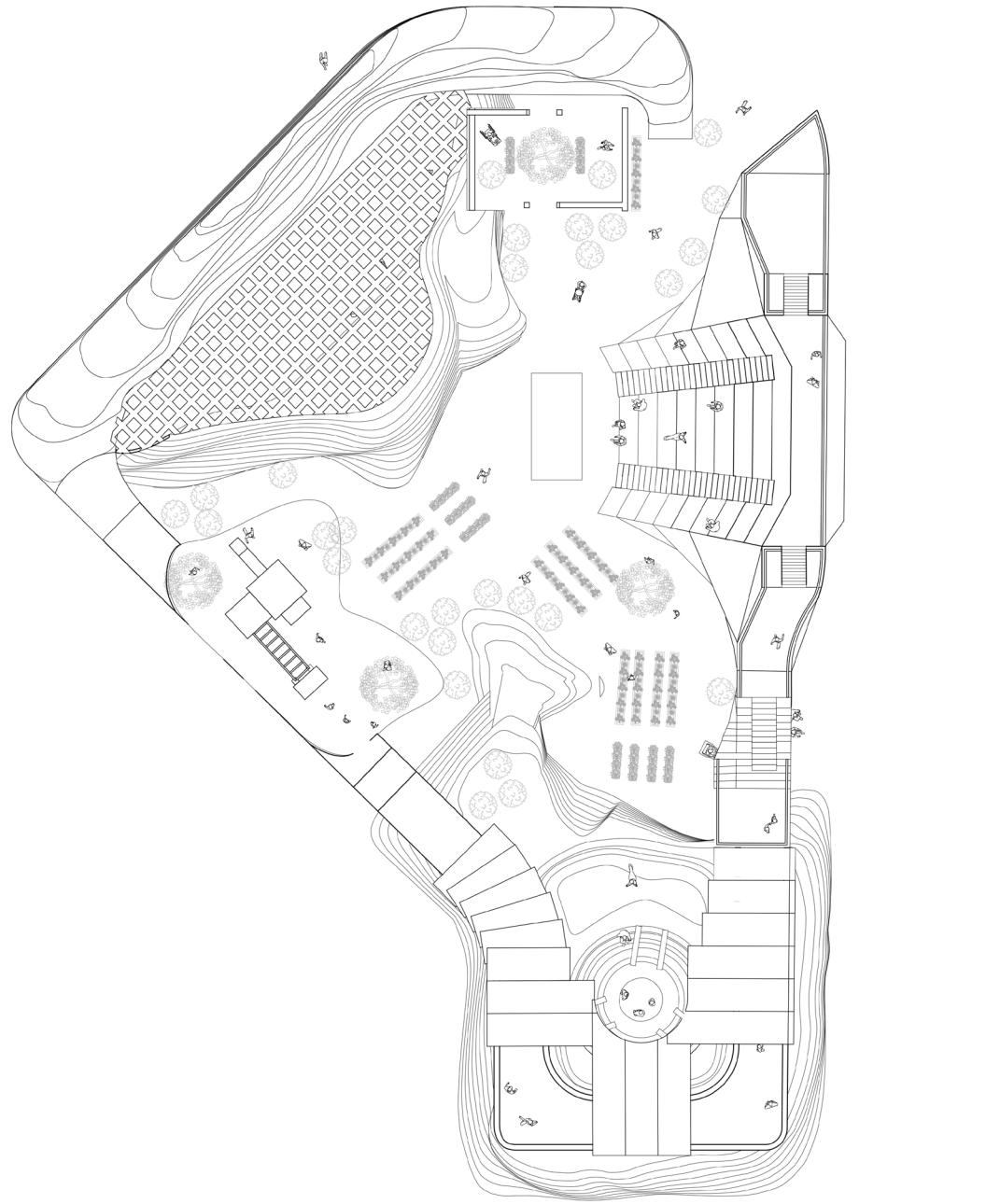


Diagram on the call and response between the urban and natural environments



Study model at 1/8" = 1' exploring materiality and representing landscap



Ground Plan highlighting flow between "natural" to "urban" landscaping



Final Landscape Model at $1/4"$ = 1' of the entire project

