



daniel scanlon
portfolio

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46TH STREET

THE PERMEABLE MARKET



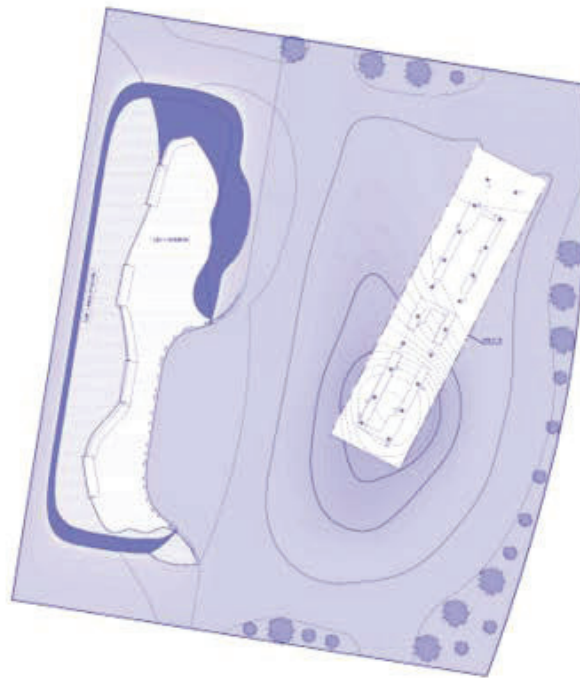
ARCH3010: Architectural Design I
Fall 2023



PLAN

 A horizontal scale bar with markings at 0, 20, 40, and 60 feet. Below the bar is a color-coded legend with three segments: light blue, medium blue, and dark blue.

Like many other cities along the East Coast, Philadelphia's current topography is the result of massive earth-moving projects, clearing thousands of acres of natural topography for a blank canvas upon which the city's modern grid plan would take hold. With policies regulating the level for street development, the city left the responsibility of filling the land between streets to individual property owners. At low-lying developments, the city's street embankments acted as dams, creating stagnant pools that collected the city's wastewater, becoming a public nuisance and testament to the glaring issues with developing against a space's native topography.

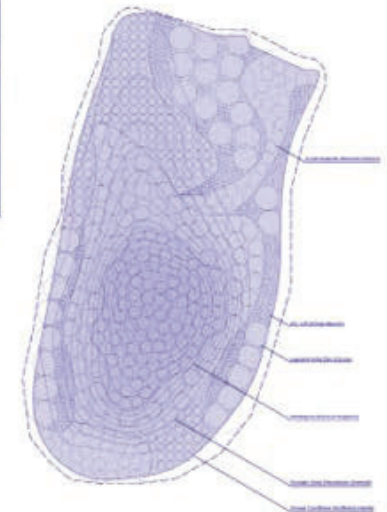


PLAN, 5' CUT

 A horizontal scale bar with markings at 0, 20, 40, and 60 feet. Below the bar is a color-coded legend with three segments: light blue, medium blue, and dark blue.

Tasked with developing a public commercial space in this studio, my classmates Massimo Pensabene, Bella Sanchez, and I created The Permeable Marketplace: a proposal for an indoor-outdoor marketplace located at 46th and Market Streets in West Philadelphia.

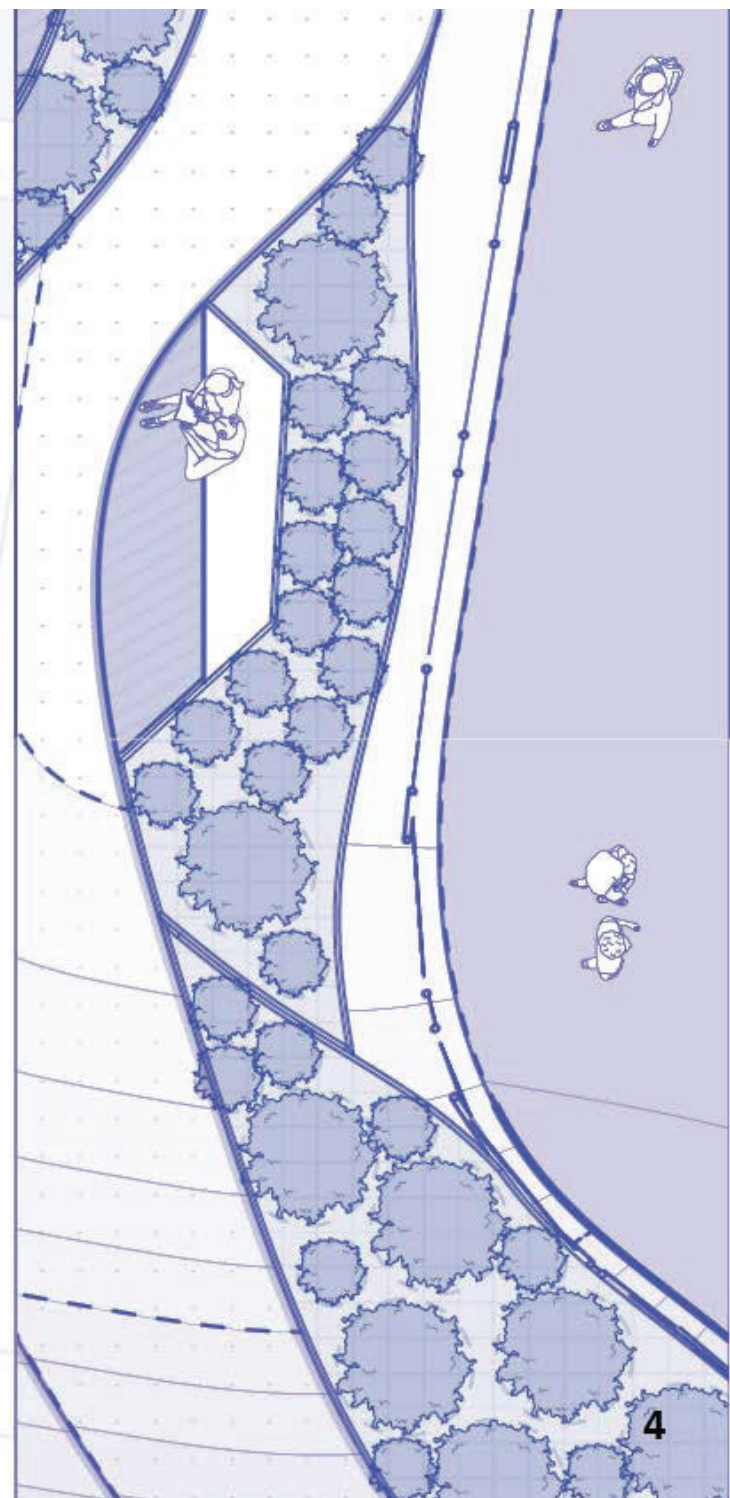
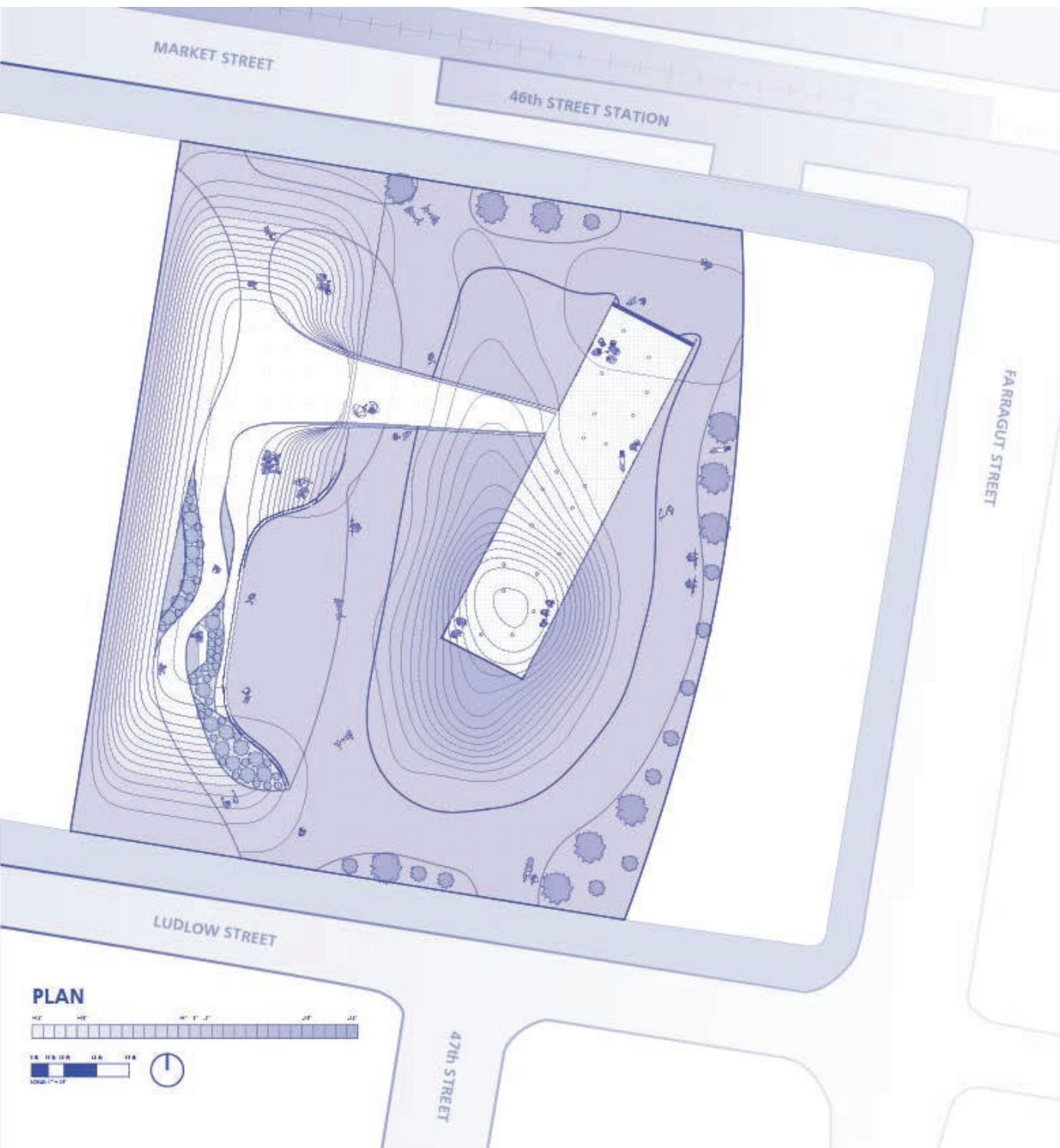
A neighborhood I've lived in for several years, this project, set atop, a currently vacant lot, envisions a community space for local residents to rent out vendor space, permanent indoor stalls for brick-and-mortar businesses, and ample landscaping elements that position the site as a local hub of for commerce and event programming. Tasked with implementing water retention management strategies, the three of

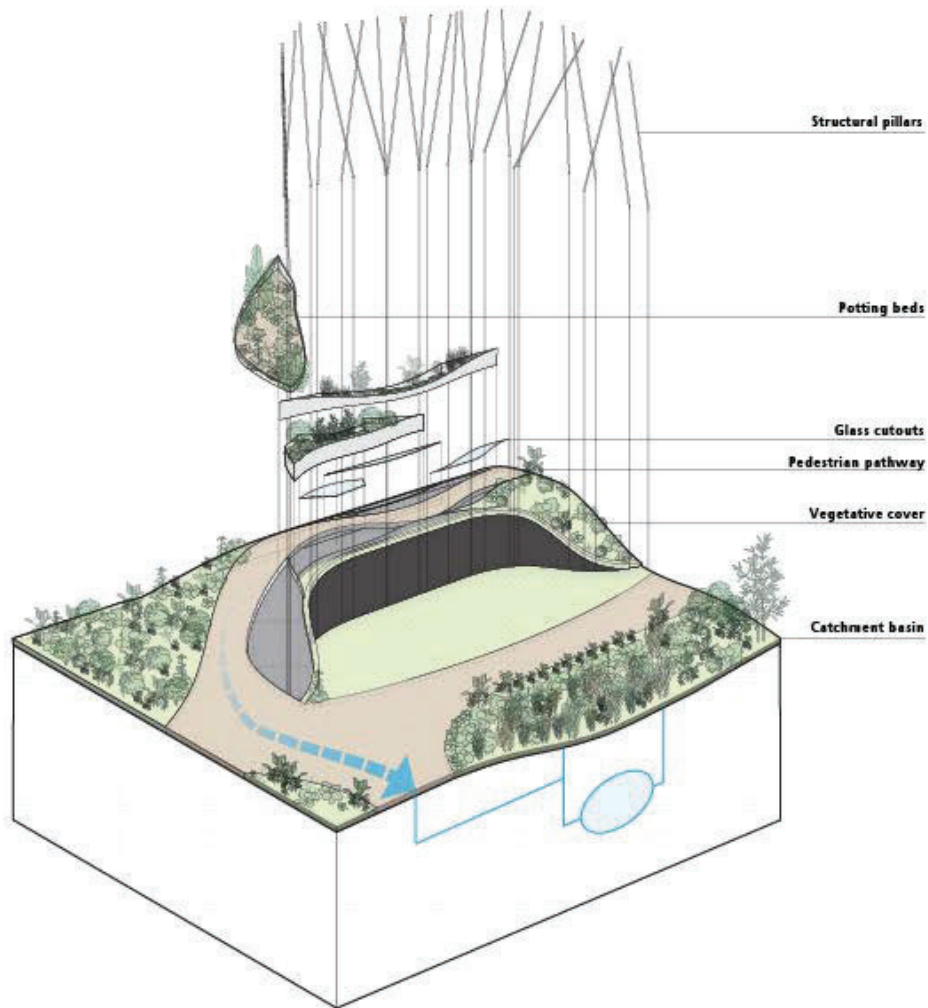


PLAN, RETENTION POND DETAIL

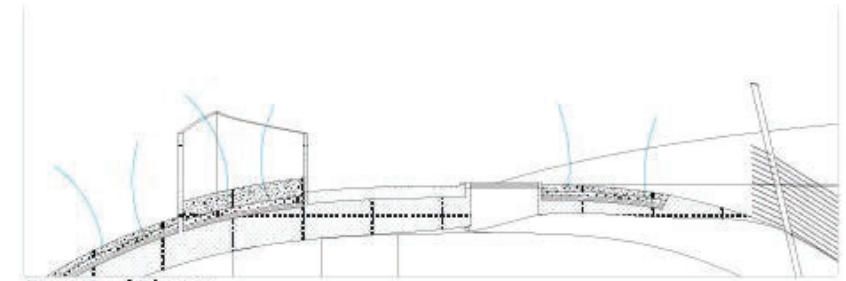
 A horizontal scale bar with markings at 0, 20, 40, and 60 feet. Below the bar is a color-coded legend with three segments: light blue, medium blue, and dark blue.

us have designed a green roof and retention pond onsite, ensuring that the site tackles Philadelphia's challenges with stormwater runoff by integrating passive drainage strategies. The water table's changing elevation is central to the design, with the outdoor vendor platform placed atop the drainage pond.

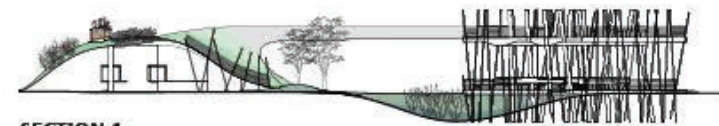




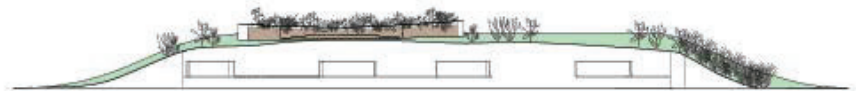
Retention Pond Diagram



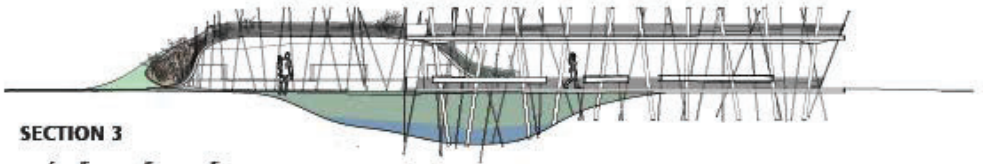
Green Roof Diagram



SECTION 1



SECTION 2



SECTION 3

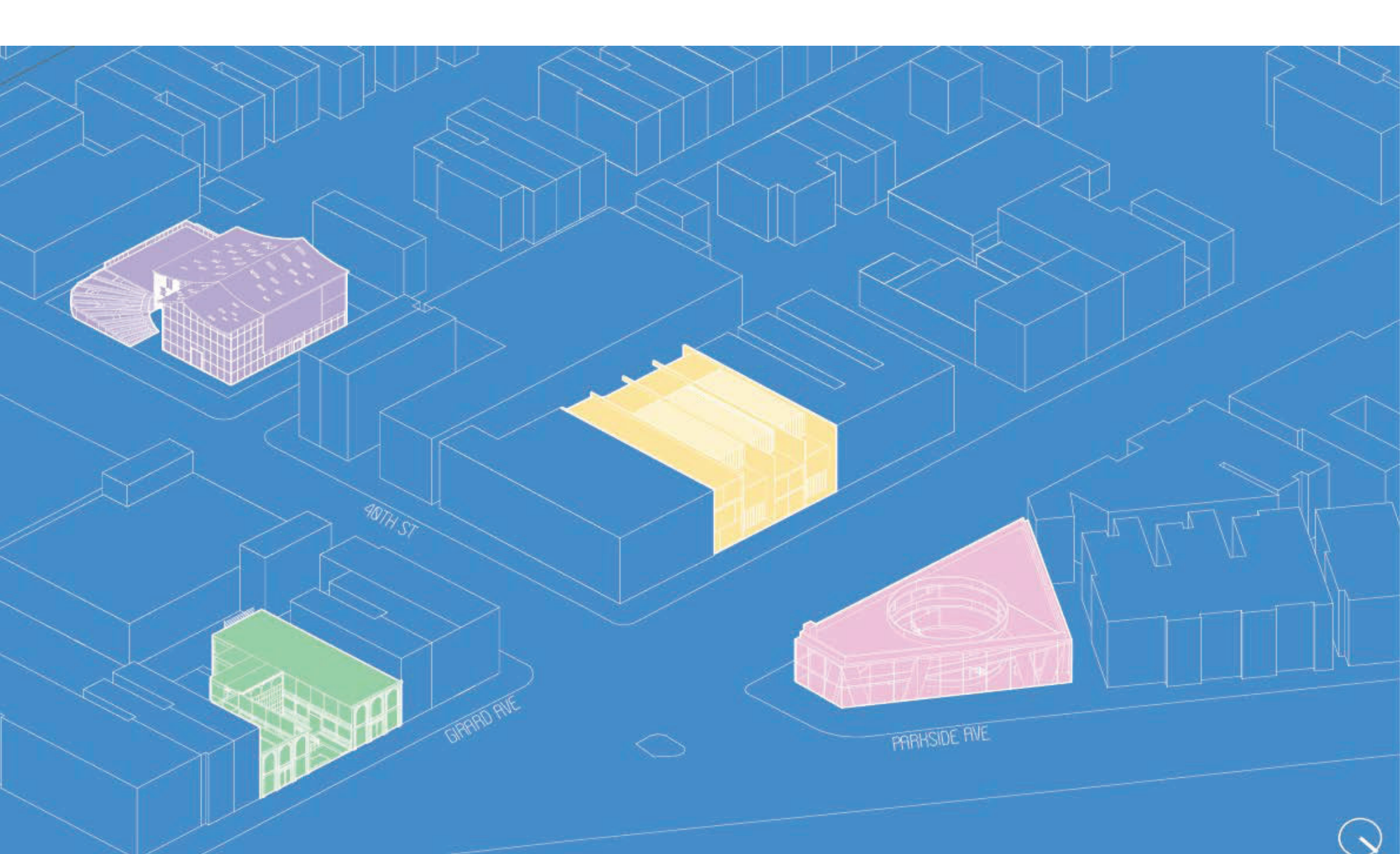




Rendering, North Entrance



Rendering , Overlooking Drainage Pond, Facing West



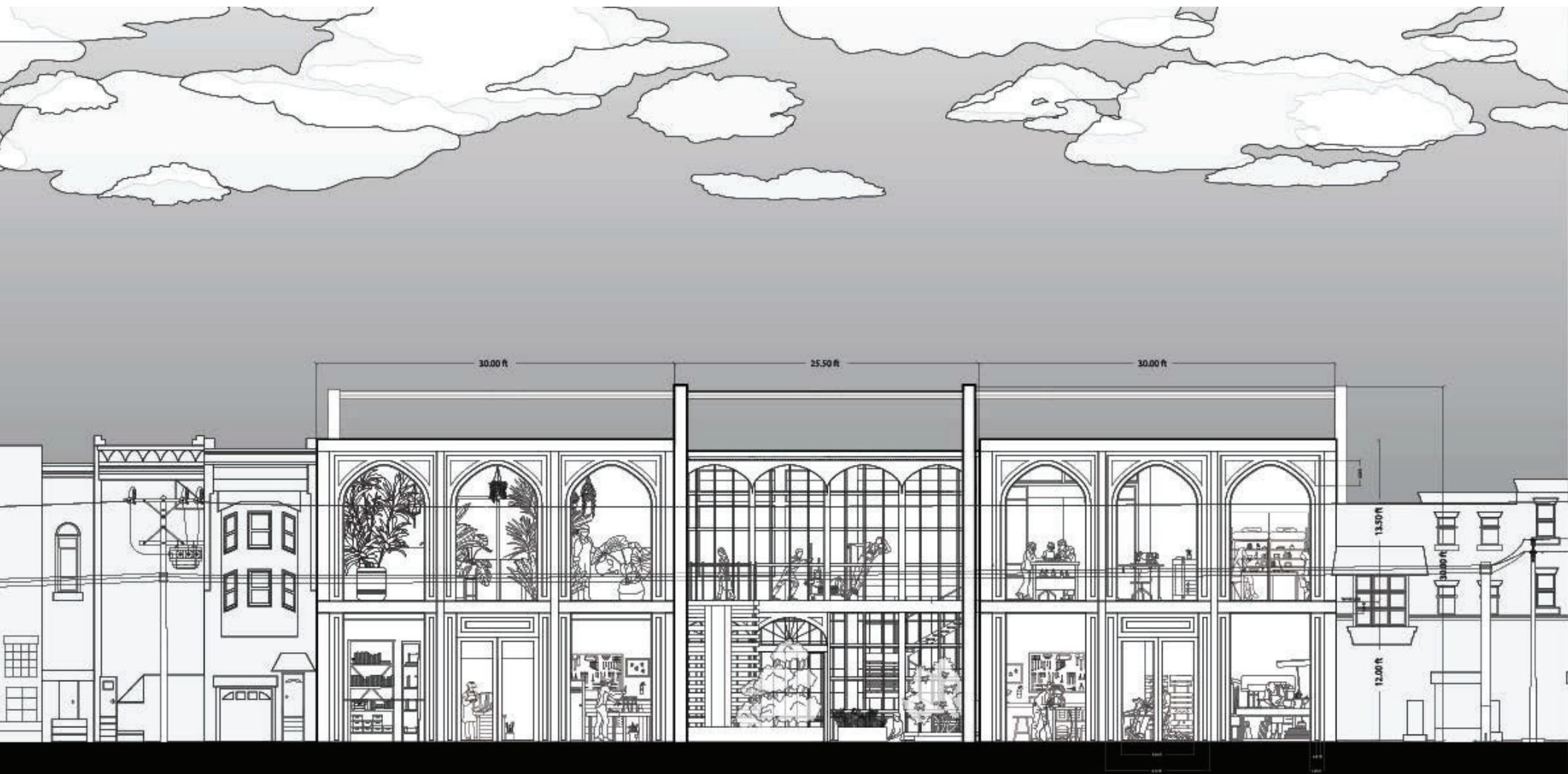
CENTENNIAL PARKSIDE

GIRARD S.T.E.A.M. CENTER



 COMMUNITY CENTER	 HISTORY MUSEUM
 S.T.E.A.M. WRAPAROUND	 VISITOR CENTER





Not many people outside of Philadelphia have heard of Centennial Parkside. Most people in my studio didn't either. It's within walking distance from Penn's campus, but it's failed to attract the same prestige and commercial intrigue as Center City, Padua, or Baltimore Avenue. With the Amtrak Northeast Corridor severing the neighborhood's connection to the rest of West Philly, the capital investments, new construction, and increased commercial presence in surrounding neighborhoods has only reached Centennial Parkside within the last few years.

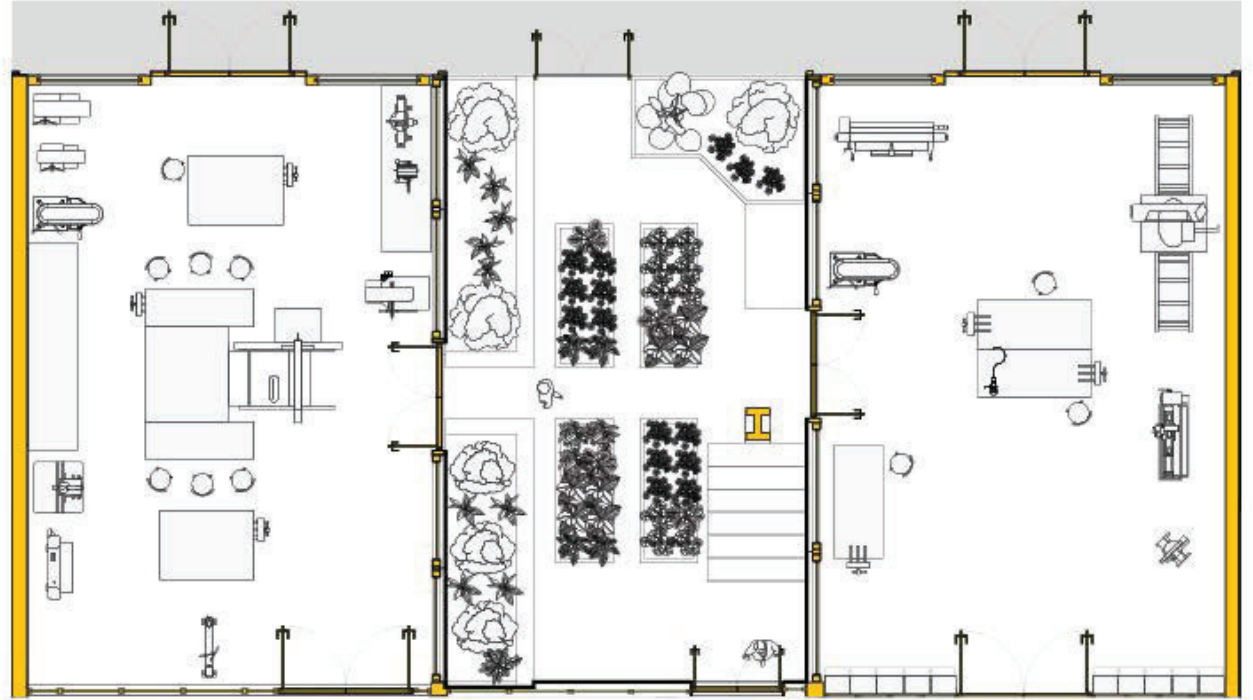
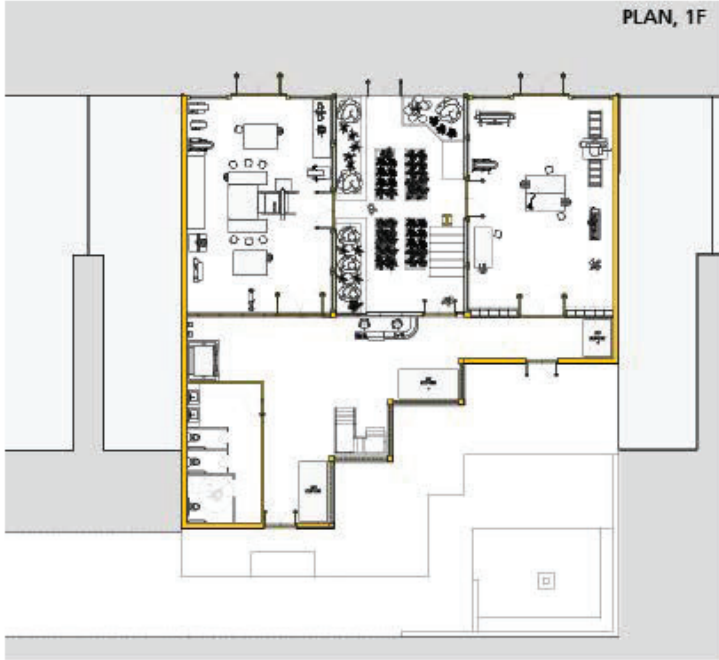
The neighborhood, packed with historic Philadelphia rowhomes, houses many long-time Philly natives, weary of the cosmopolitan developments taking place in University City just a couple miles away. The neighborhood is majority Black. Many older residents, protective of their lots, shared their deep concerns about the potential of new real estate developments gentrifying the neighborhood and

eventually pricing them out of the only home they've known. New developments in the neighborhood must come to fruition through a system of participatory democracy, and spaces should meet the needs of endemic residents.

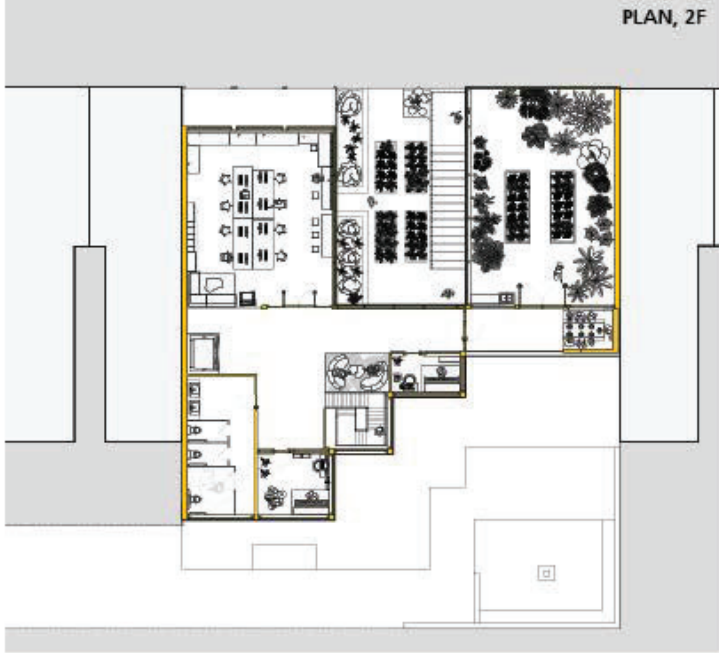
I had the opportunity to collaborate with residents of the neighborhood at the Black Urban Theater, where members of my studio held a series of listening sessions to better understand the programmatic demands of people living in the neighborhood. Many parents shared their frustration over a lack of enrichment programming for their children. With many parents working 9-5 jobs, the window of time between the end of the school day and the end of the work day poses an opportunity for architects to design spaces that provide public "wraparound" programming that ensures security and enrichment for students before they return home.

Inspired by my time working at GlassRoots, a Newark-based arts education nonprofit, I chose to develop my site into a S.T.E.A.M community center, equipped with the machinery and technology necessary for neighborhood residents to learn fabrication skills and apply them to bring their visions to life. Modeled after university makerspaces, this site partners with the neighboring charter school to provide students with after-school programming in wood and metal shopwork, music production, animation, and gardening. Along with shop rooms, the site features ample outdoor space and a greenhouse, providing opportunities for community members to organize events showcasing local art and food.

PLAN, 1F



PLAN, 2F





1



2



3

1. Exterior Rendering, Outdoor Courtyard
2. Exterior Rendering, Central Garden
3. Interior Rendering, Computer Lab, 2F

THE GARAGE

CROSBY STUDIOS × ALEXANDERWANG





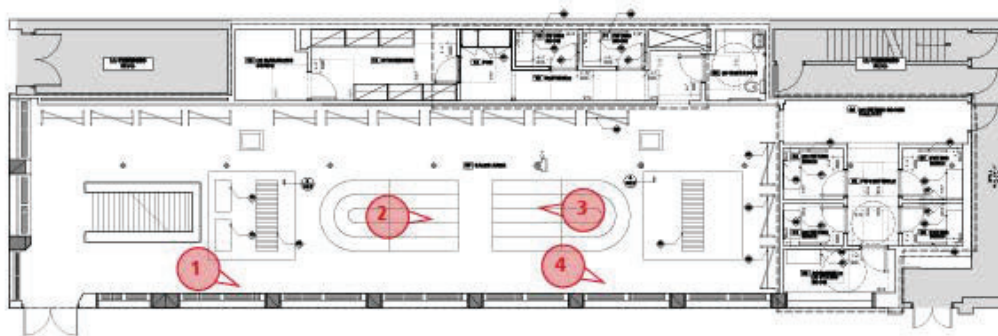
Foam and Tape Display Block
Sample Rendering



Showpiece Installation, Speakers and Fans
Production Layout



Seating Trashbags, Vinyl-Lined, Poly-filled
Staged Sample Image



Alexander Wang Flagship Store
Plan, Interior Photo Key

Crosby Studios's collaboration with Alexander Wang pulls upon industrial and autobody motifs to overhaul the brand's SoHo flagship store. My first project with Crosby Studios, the small New York team placed a great deal of trust in me to execute many aspects of the space. With my hands on just about every piece of this project – from paintbrush to power drill – this project strengthened my commitment to preserve a close relationship between architecture and craft.

Photography provided by Pauline Shapiro.

Crosby Studios x Alexander Wang: The Garage
Interior 1



Crosby Studios x Alexander Wang: The Garage
Interior 2



Crosby Studios x Alexander Wang: The Garage
Interior 3



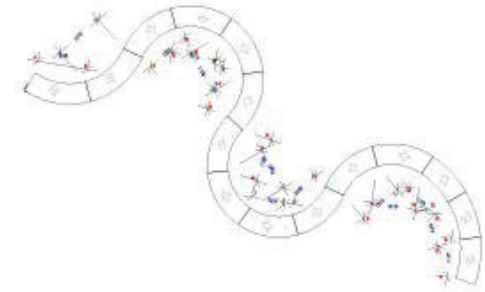
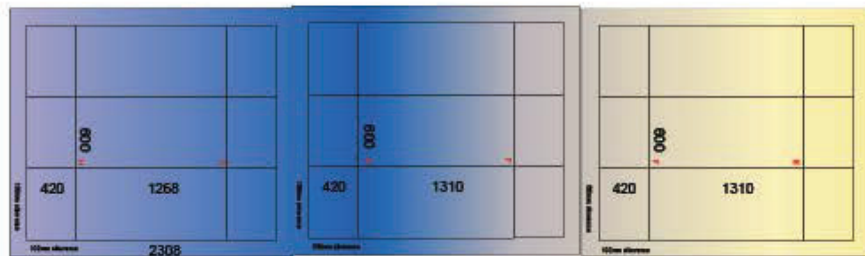
Crosby Studios x Alexander Wang: The Garage
Interior 4



An aerial photograph of a modern building's rooftop terrace. The terrace is paved with light-colored tiles and features several large, colorful, abstract art installations. These include three white umbrellas with black letter patterns, a large yellow and orange curved structure, a large blue and purple curved structure, and a large pink and white rectangular structure. A central square area is covered with a dense, colorful mosaic of small tiles. The building's architecture is modern, with dark frames and large glass windows. The overall scene is vibrant and artistic.

DOSAN FLAGSHIP

CROSBY STUDIOS × CASETIFY



An ongoing collaboration between Crosby Studios and Casetify, I've produced renderings and construction drawings that bring life to what will be Casetify's five-floor global flagship store in Seoul, South Korea. Main responsibilities for this project have included drafting furniture components, producing interior renderings with various configurations of the brand's color palette (left), and producing construction drawings for bespoke showpieces and furniture installations.

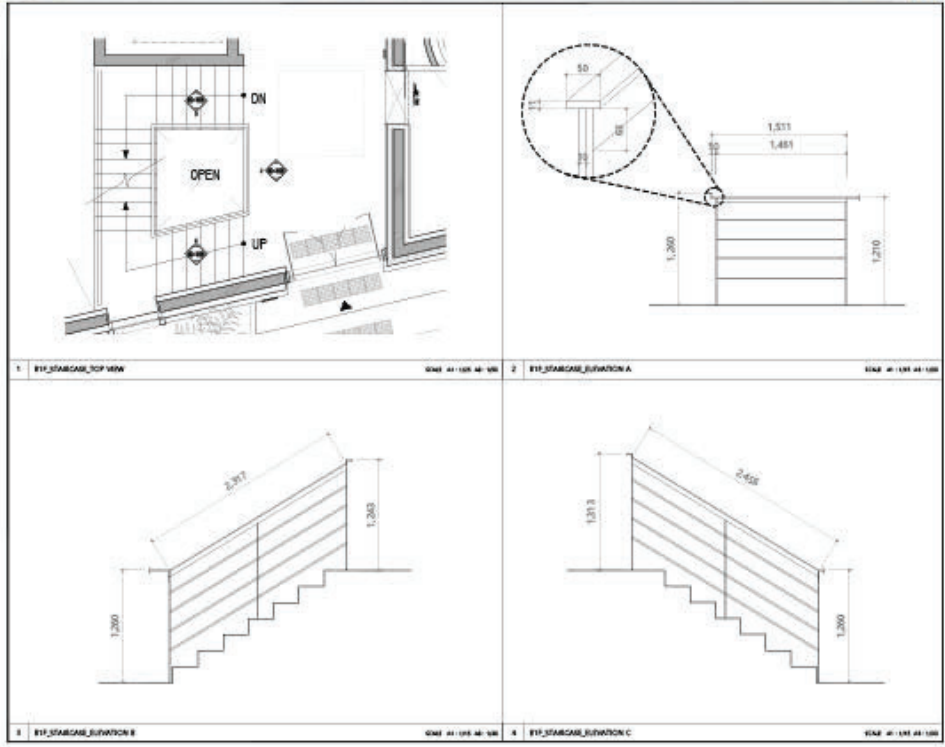
Pictured (clockwise):

Outdoor Rooftop Cafe and Gradient Bench Plan

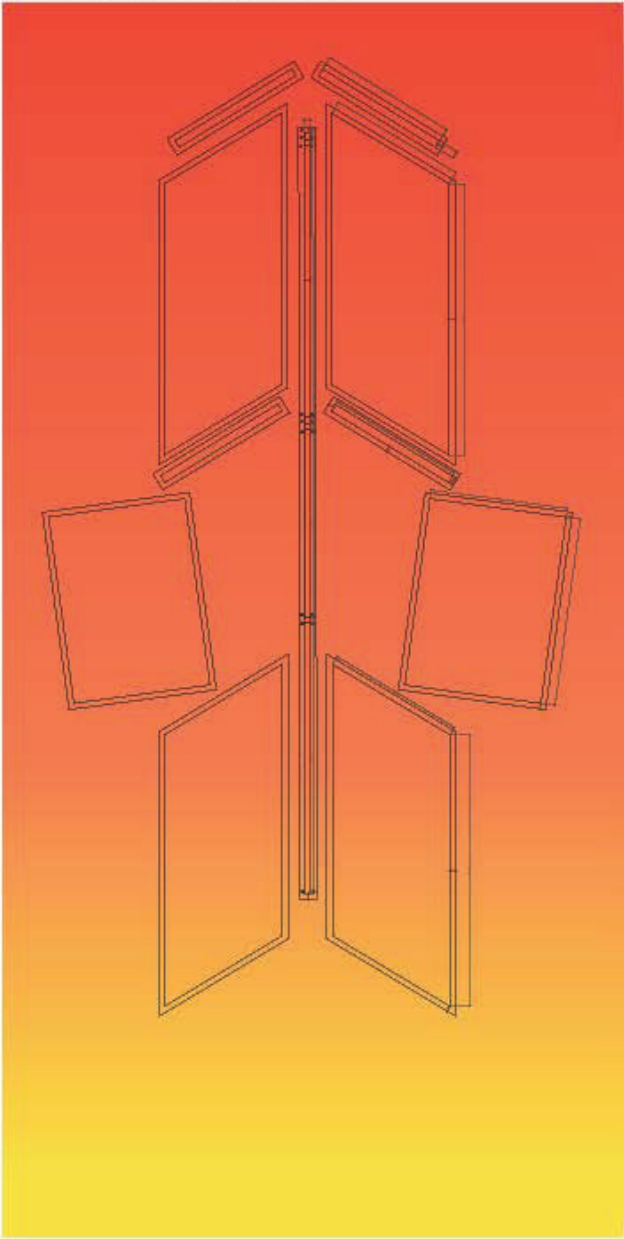
Plan Diagram, Individual Seating Components A-P with Full Gradient for Fabric Production

Production Diagram, Seating Components E-H, Enlarged

Crosby Studios × Casetify
Interior Rendering: Stairwell, Uncovered Railing



Crosby Studios × Casetify
Railing Gradient Production Diagram



Crosby Studios × Casetify
Railing Covering, Axonometric Diagram





Pictured:

1. 4F Interior Rendering
2. 2F Stairwell Rendering, Colorway 1
3. 2F Stairwell Rendering, Colorway 2
4. 3F Stariwell Rendering, Colorway 1



Crosby Studios × Casetify
Rendering: Rooftop Gradient Bench, 1



Crosby Studios × Casetify
Rendering: Rooftop Gradient Bench, 2



Crosby Studios × Casetify
Rendering: Rooftop Gradient Bench, 3

