

Architectural Portfolio

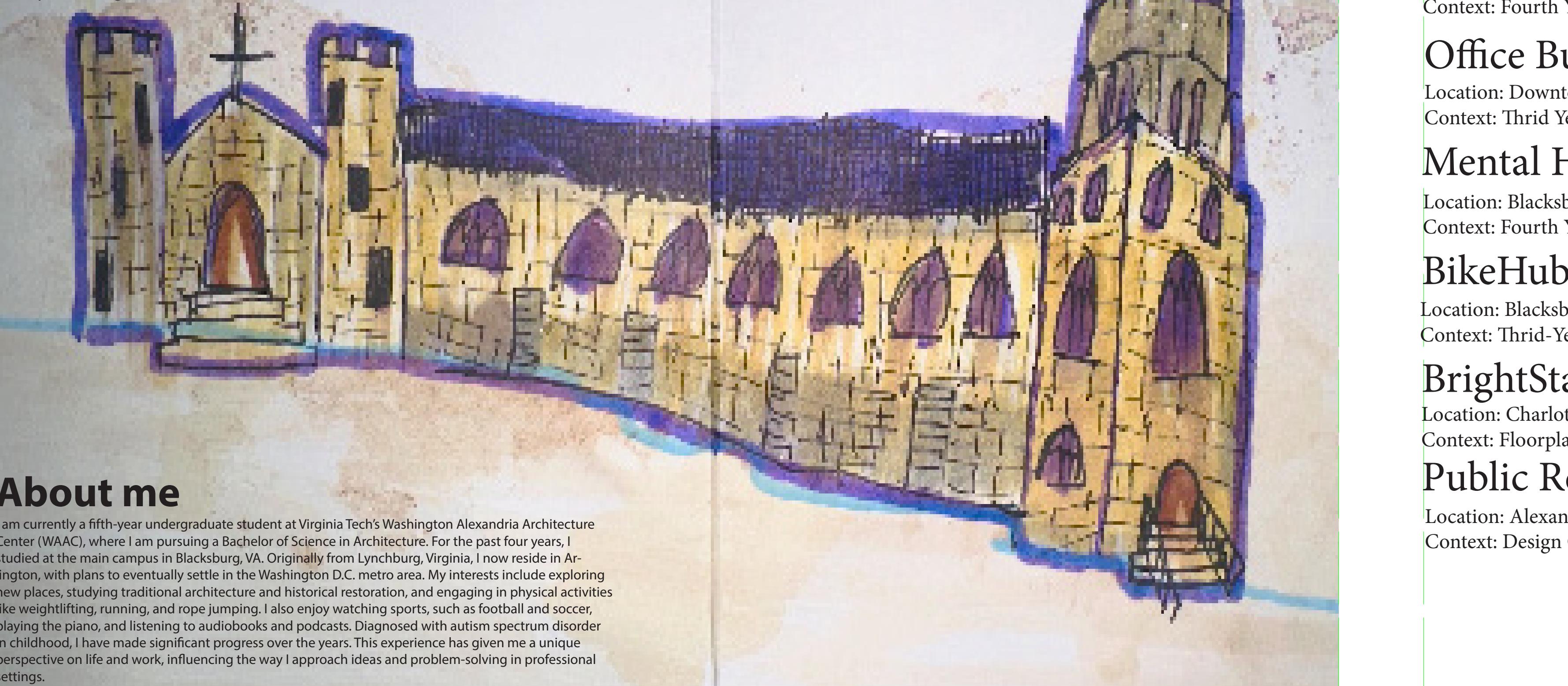
Chris Hoyt

2025

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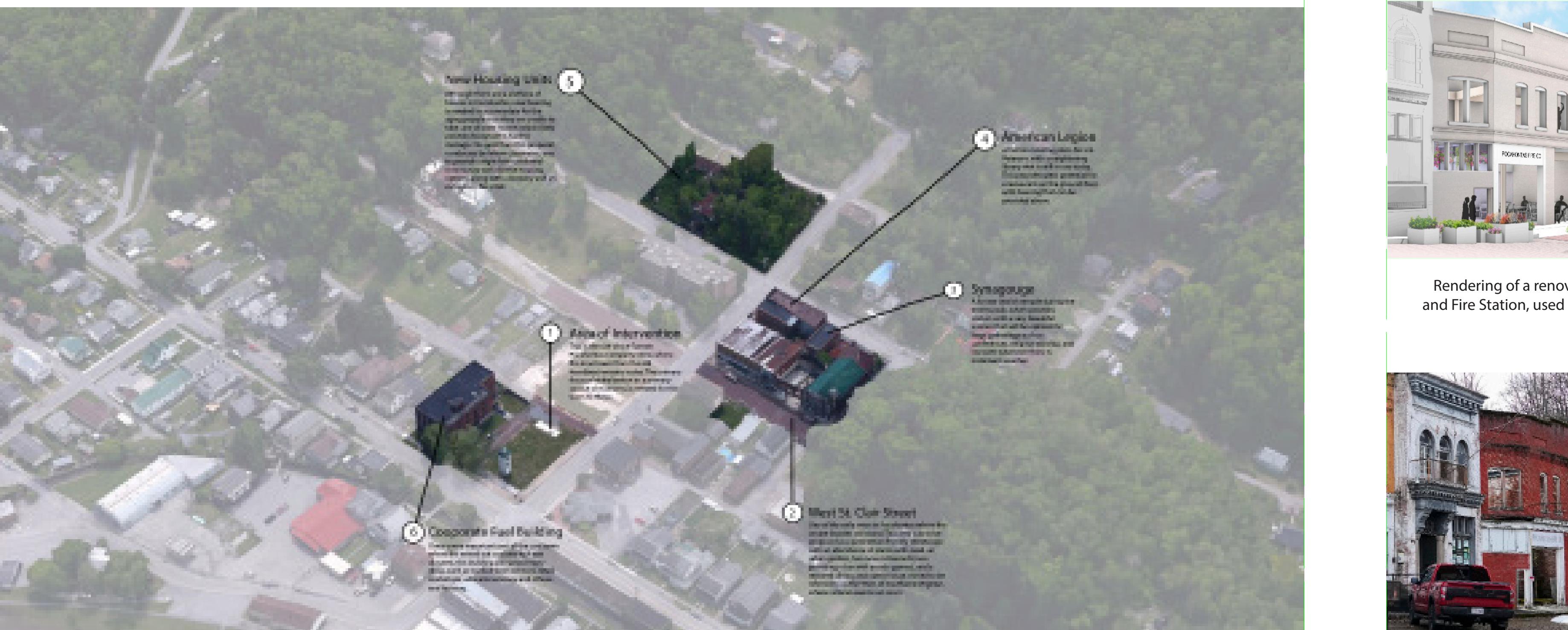


About me

I am currently a fifth-year undergraduate student at Virginia Tech's Washington Alexandria Architecture Center (WAAC), where I am pursuing a Bachelor of Science in Architecture. For the past four years, I studied at the main campus in Blacksburg, VA. Originally from Lynchburg, Virginia, I now reside in Arlington, with plans to eventually settle in the Washington D.C. metro area. My interests include exploring new places, studying traditional architecture and historical restoration, and engaging in physical activities like weightlifting, running, and rope jumping. I also enjoy watching sports, such as football and soccer, playing the piano, and listening to audiobooks and podcasts. Diagnosed with autism spectrum disorder in childhood, I have made significant progress over the years. This experience has given me a unique perspective on life and work, influencing the way I approach ideas and problem-solving in professional settings.

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Appalachian Futures was a study-abroad alternative course held in Blacksburg, Virginia. In the spring of my fourth year, the class focused on the former coal-mining town of Pocahontas, Virginia. Our work involved developing proposals for revitalizing existing buildings in the town, alongside a week-long journey exploring the charming towns of Appalachia.

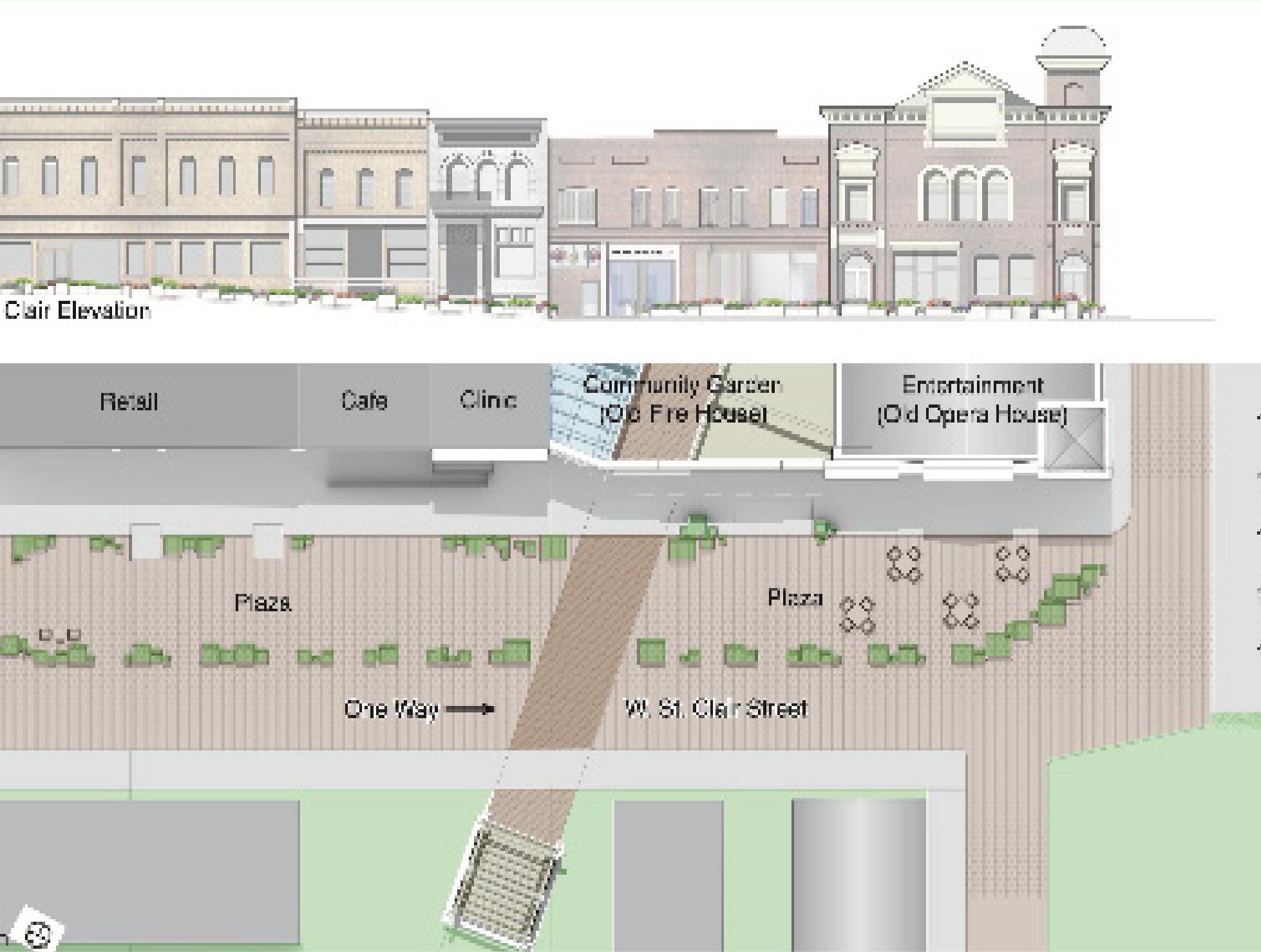
Appalachian Futures



Rendering of a renovation of the Old Opera House and Fire Station, used as community space. This was a team effort rendering.



Current condition of West Saint Clair Street, showing the Old Fire House and Opera House.



During our study of Pocahontas, the class was divided into four groups, each tasked with developing a different proposal. My group focused on revitalizing West Saint Clair Street, one of the few areas in Pocahontas where traditional buildings still stand. I was responsible for designing the overall streetscape, which included proposing updates for the historic buildings (as shown in the site plan above) and creating a pedestrian-friendly street aimed at providing essential services and community spaces for the town.



This rendering was a collaborative effort, and I contributed by creating the elevation render of the street and the site plan. It illustrates a potential use of West Saint Clair Street, showcasing a car show with food trucks. In addition to this, the street could host events such as proms, weddings, and coal mining festivals.



St. Peter's Basilica, Asheville, NC



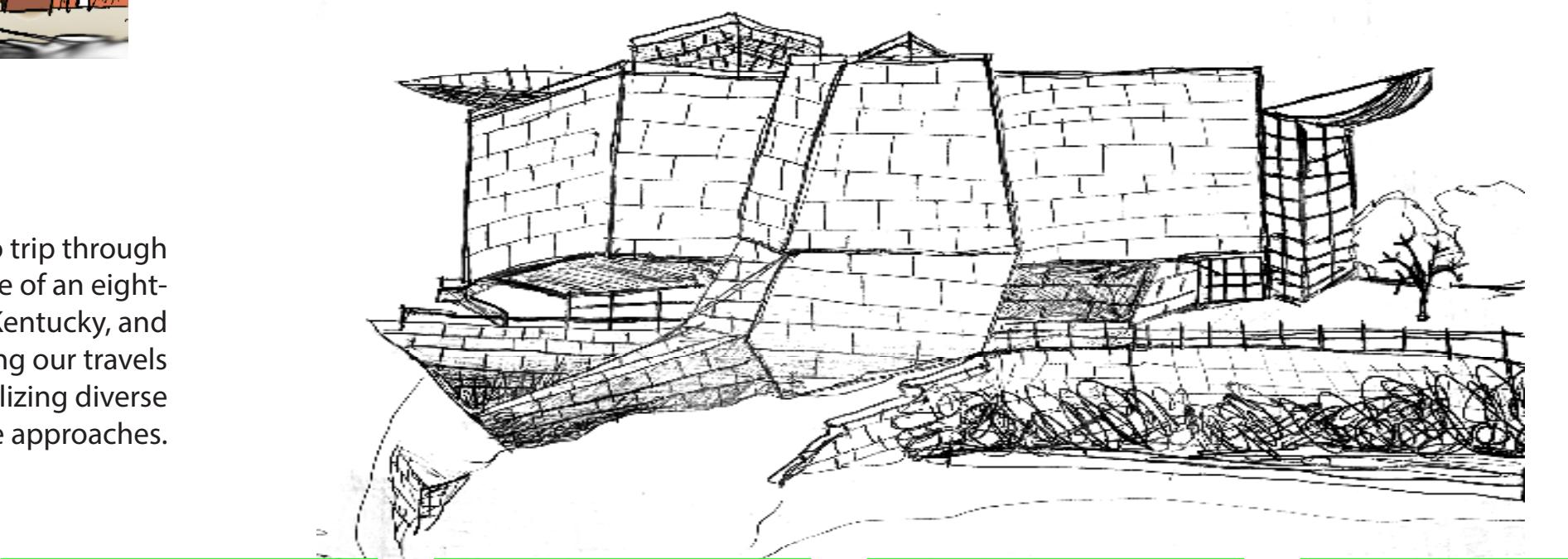
Birthplace of Country Music Museum, Bristol, VA



Main Street of Princeton, WV

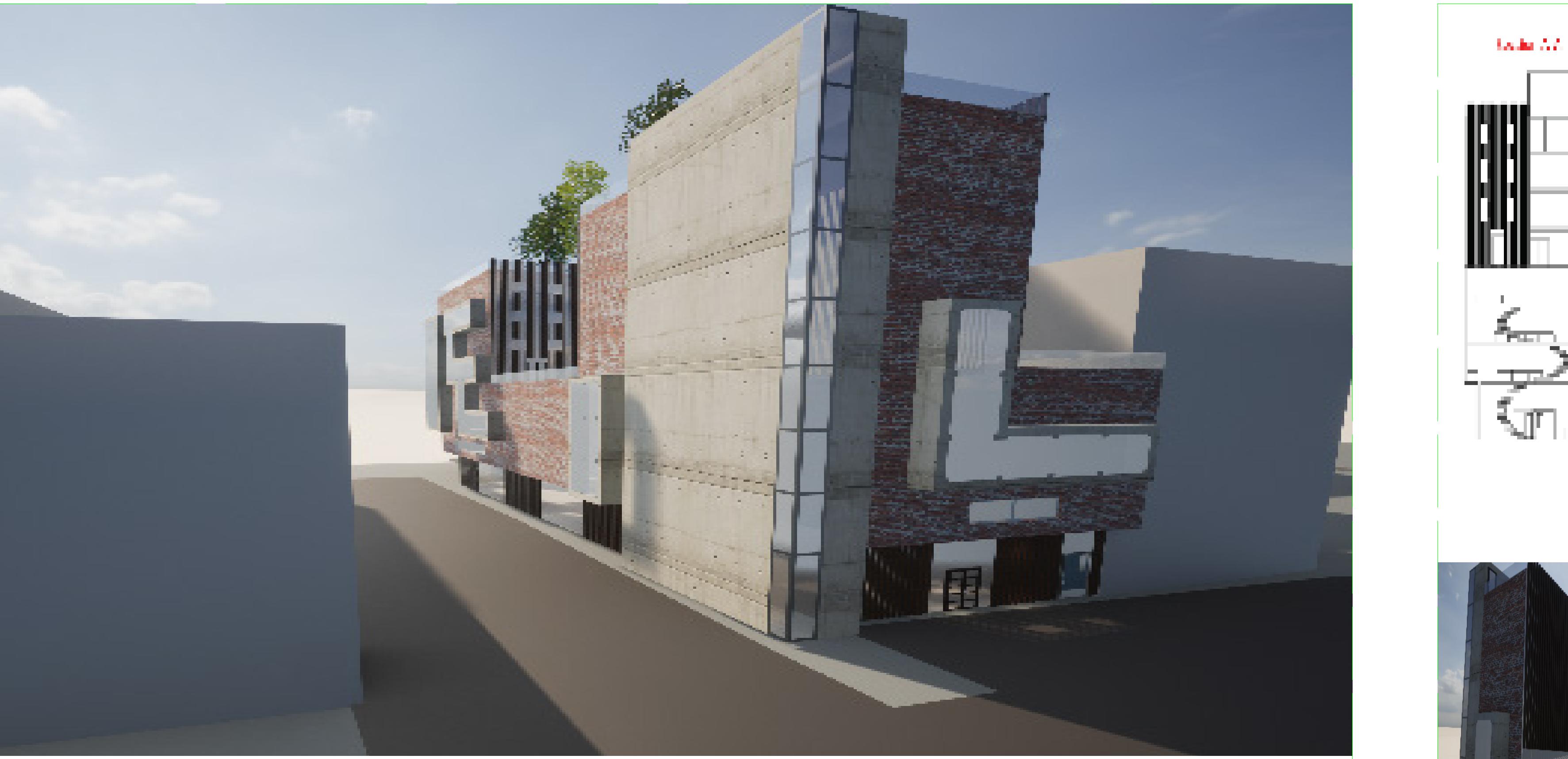


Grace Rardin Doherty Auditorium, Huntington, WV

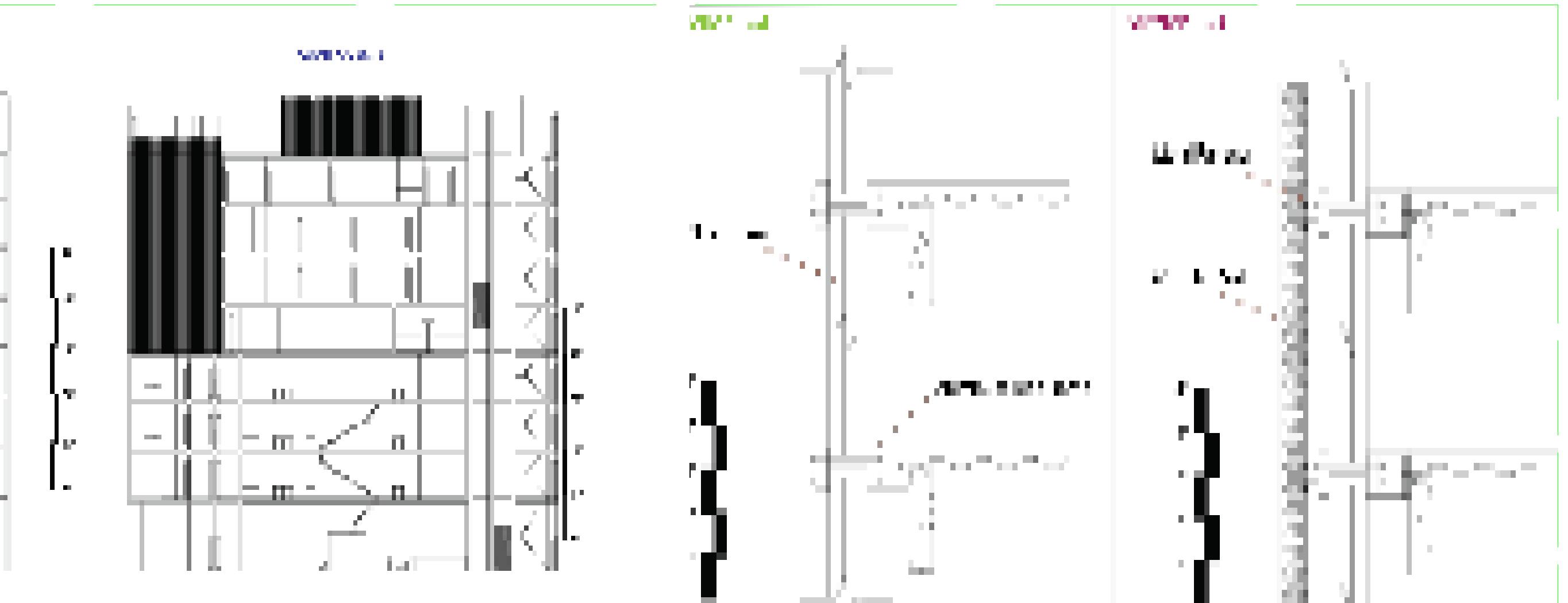


Jackson Building at Street Corner, Asheville, NC

These sketches and renderings were created during a studio trip through the Appalachian region of the United States. Over the course of an eight-day journey, I visited Virginia, North Carolina, Tennessee, Kentucky, and West Virginia. The entire class was tasked with documenting our travels by producing a wide variety of sketches and renderings, utilizing diverse mediums and creative approaches.



WeWork Office Building

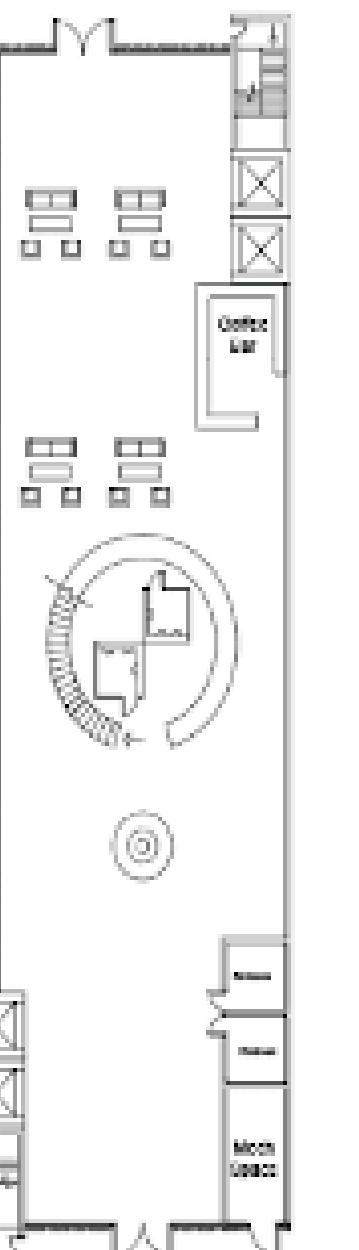


Section Drawings

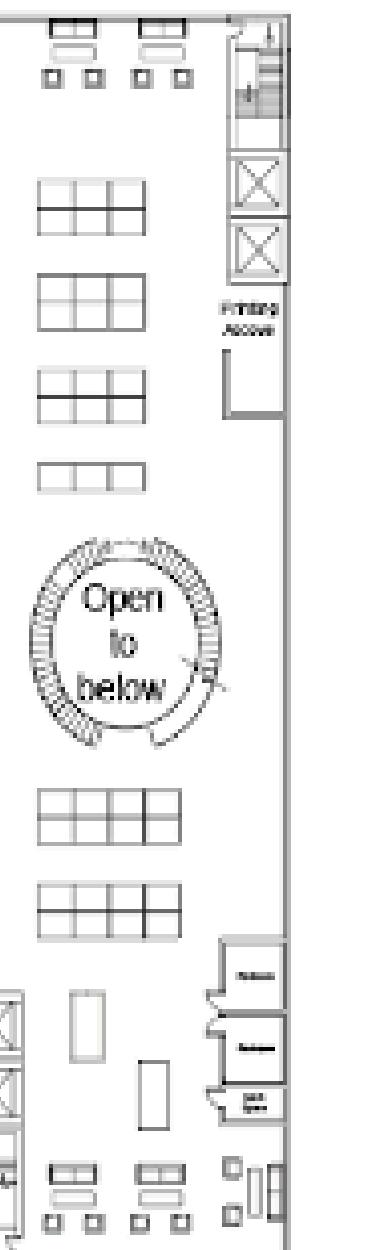


Wall Sections of the window and imbor slats

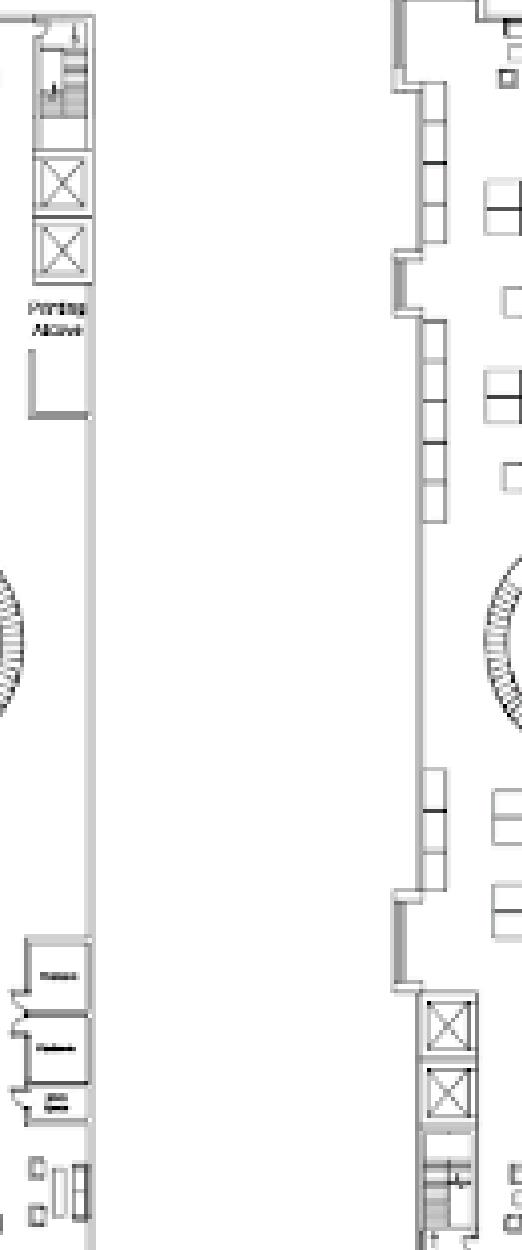
First Floor



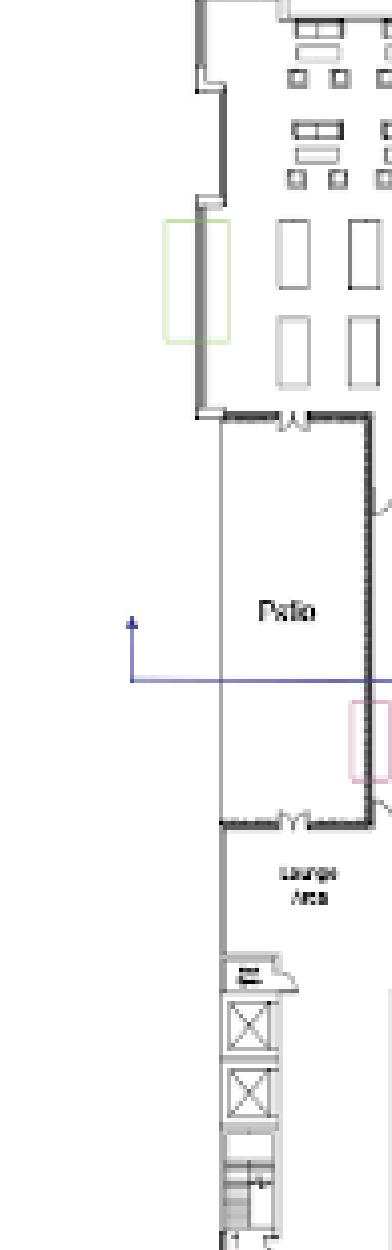
Second Floor



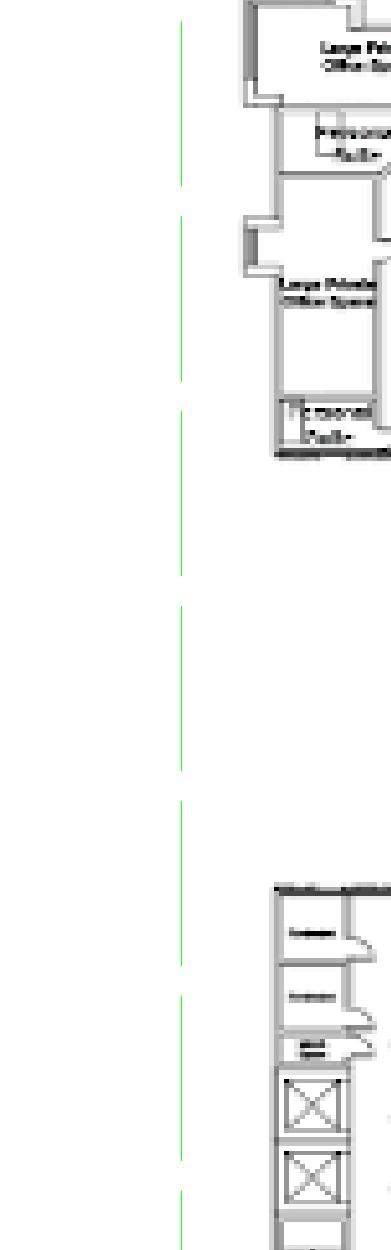
Third Floor



Fourth Floor



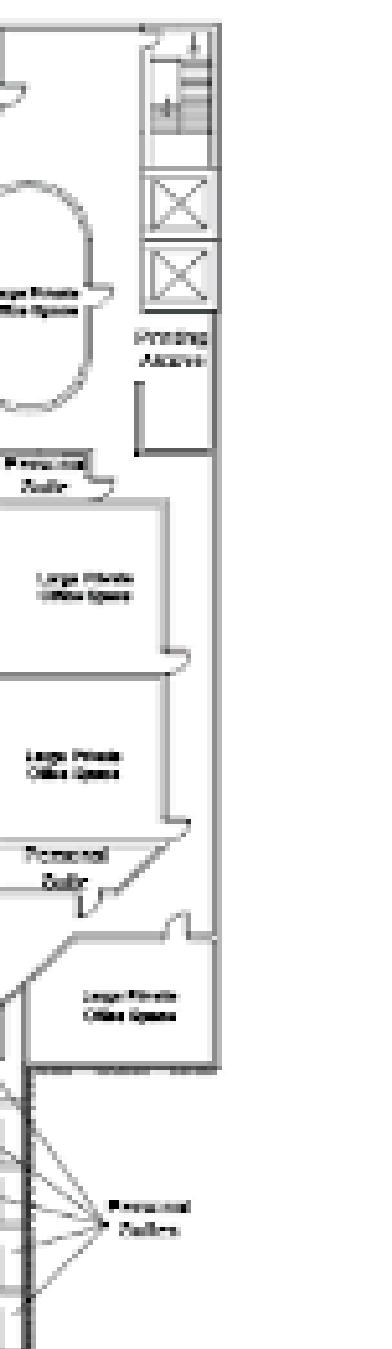
Fifth Floor



Sixth Floor



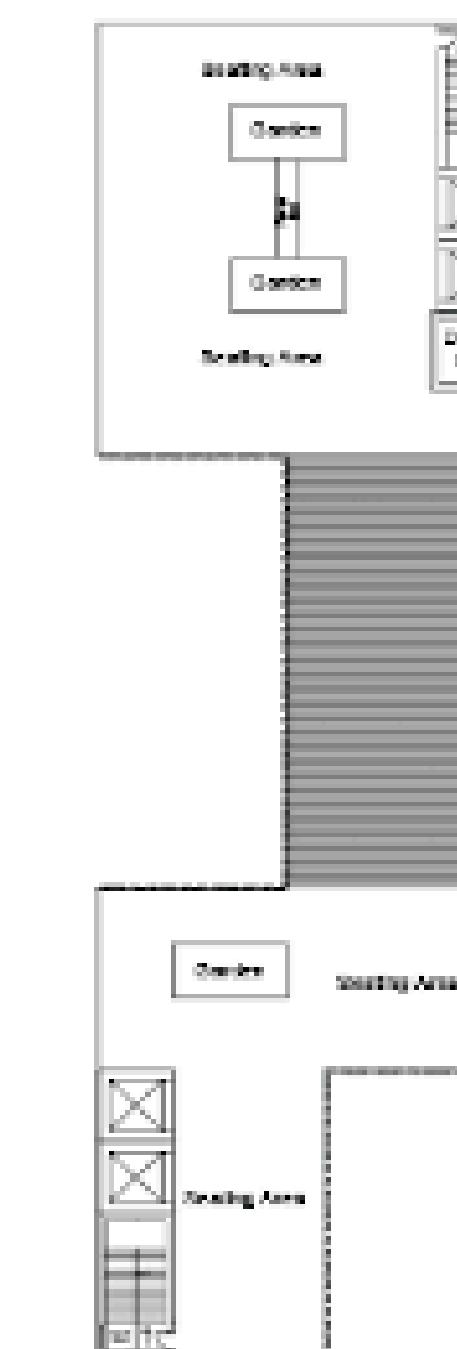
Seventh Floor



Eighth Floor



Roofdeck



This WeWork proposal is located in the downtown district of Roanoke, VA. The design was completed in the spring of 2022, during my third year at Virginia Tech. A rendering is shown above, with two sectional views illustrating the dynamic form of the office building. The design features a grand staircase on the bottom three levels, with wooden slats incorporated into the patio areas. Wall sections are also provided to demonstrate how the glass and wooden slats are connected.

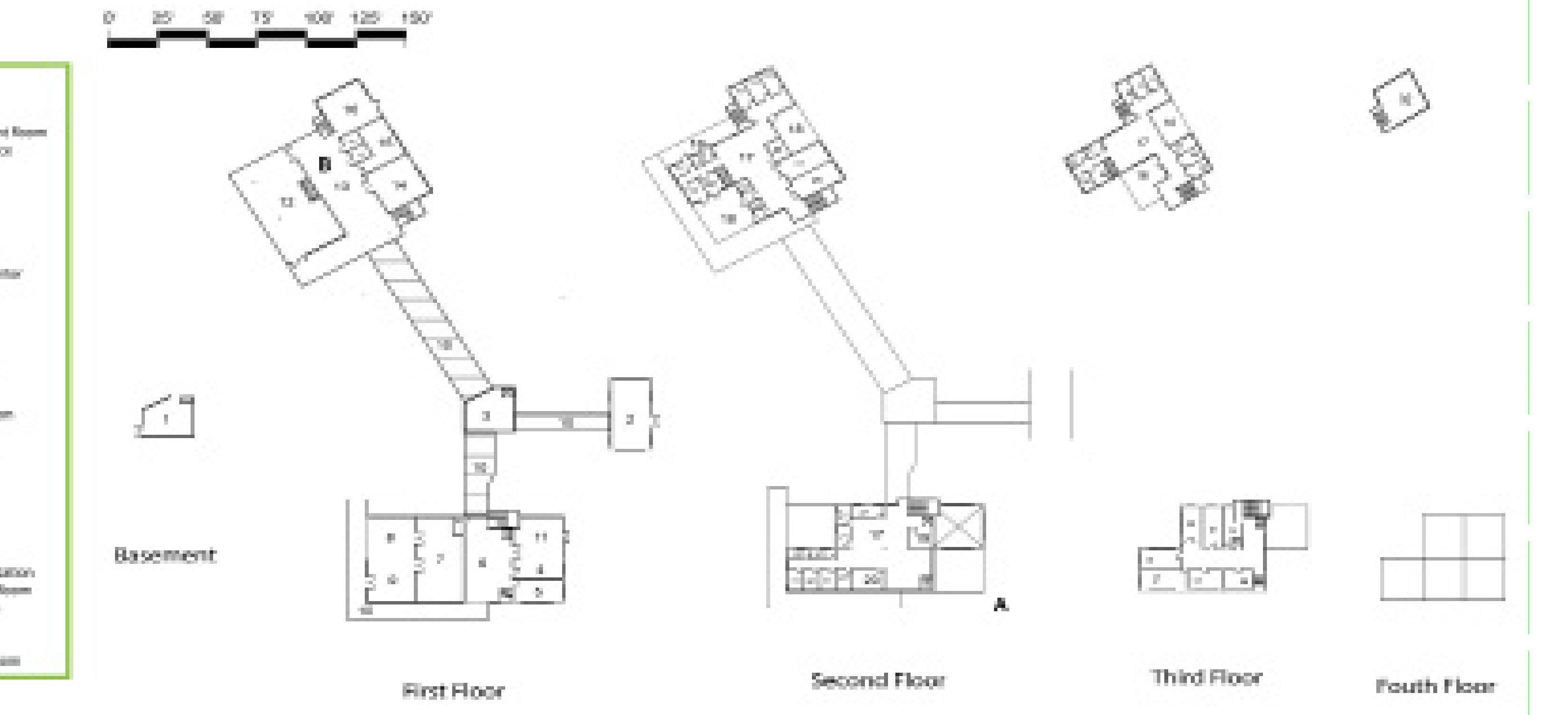


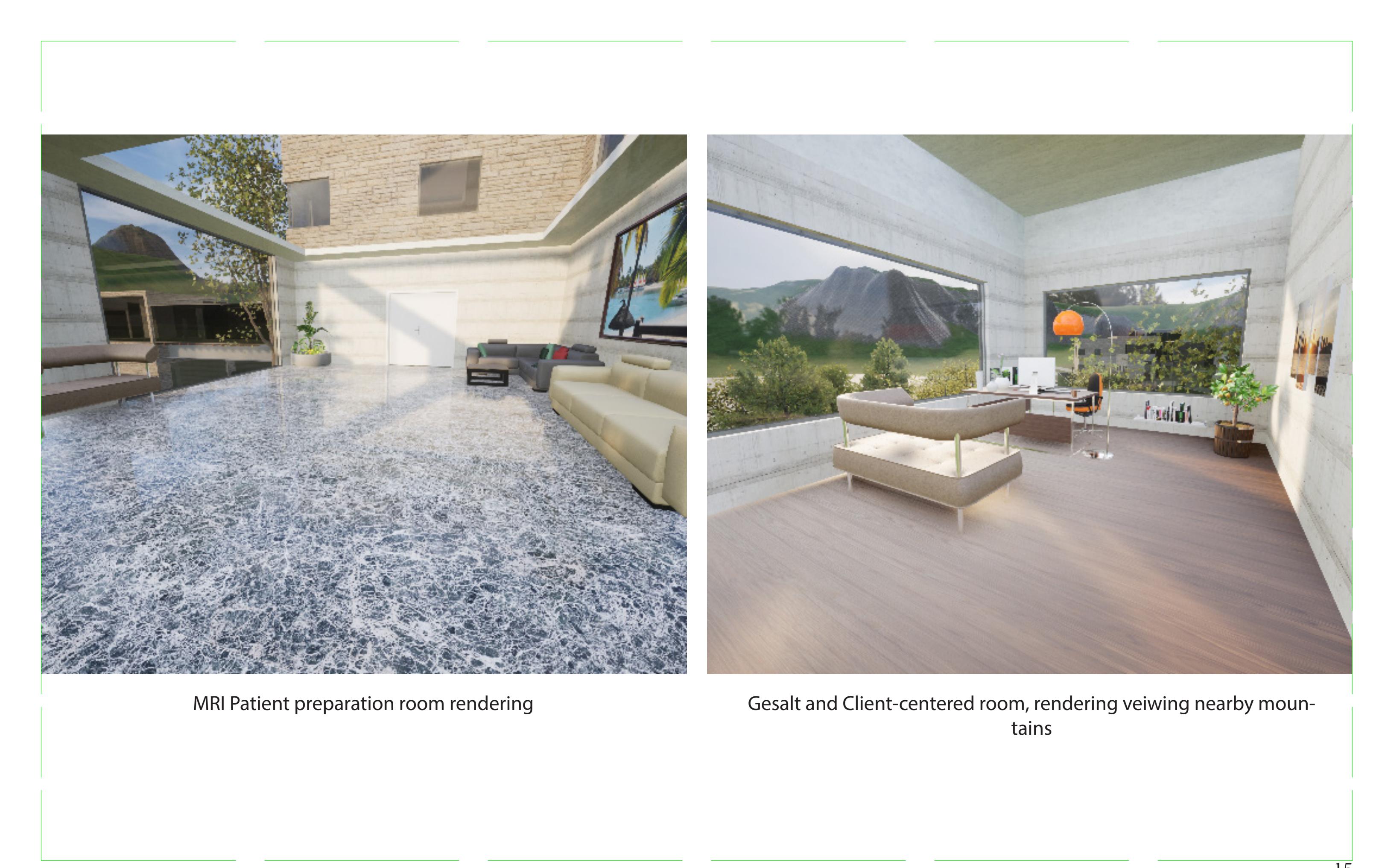
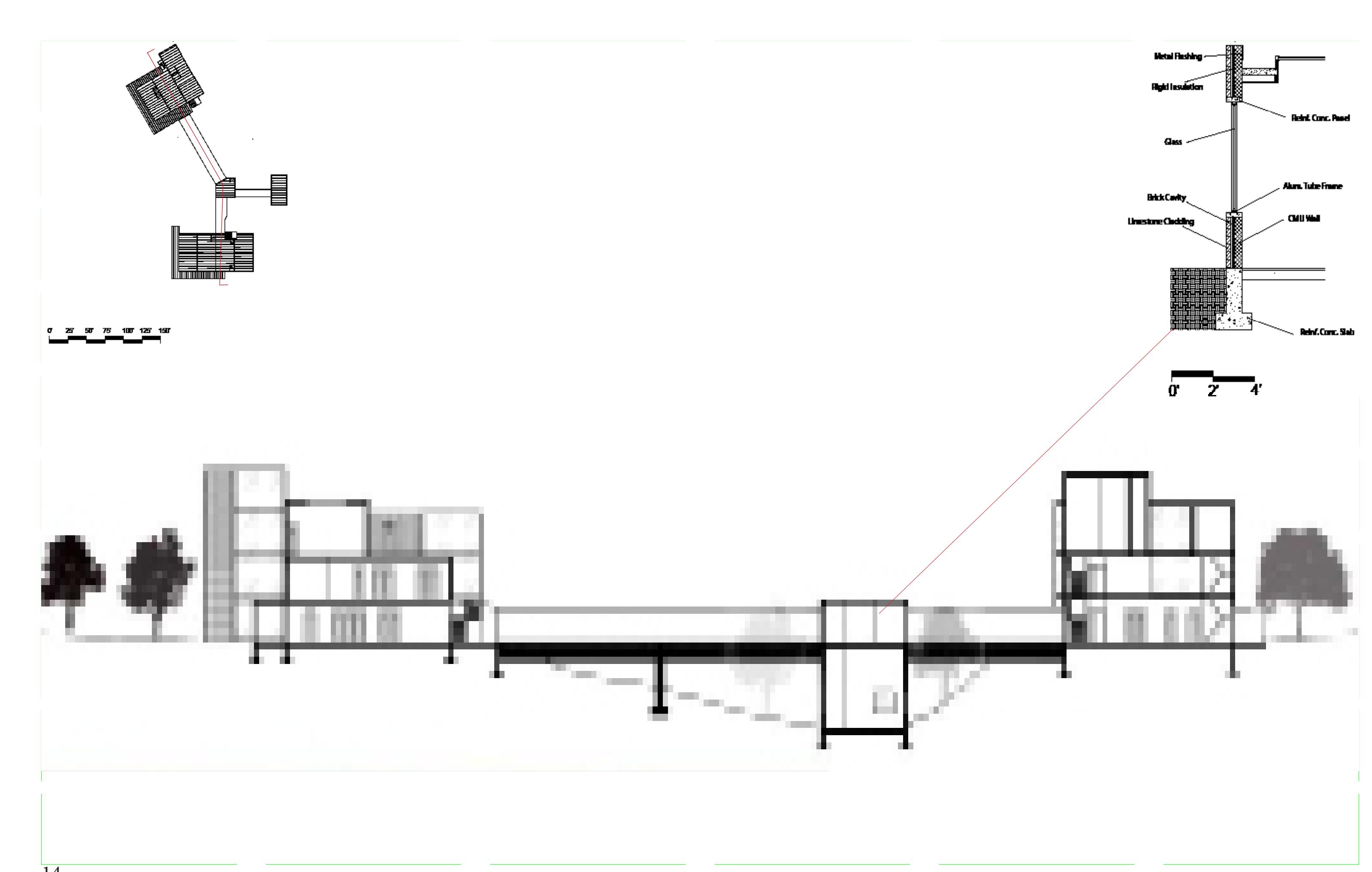
This vernacular-inspired mental health and wellness center, located in Blacksburg, Virginia, is designed to serve both college students and local residents. Created during my integrative studio in the fall of 2023, the goal was to design a space that fosters healing and well-being, incorporating modern design principles and maximizing natural light.

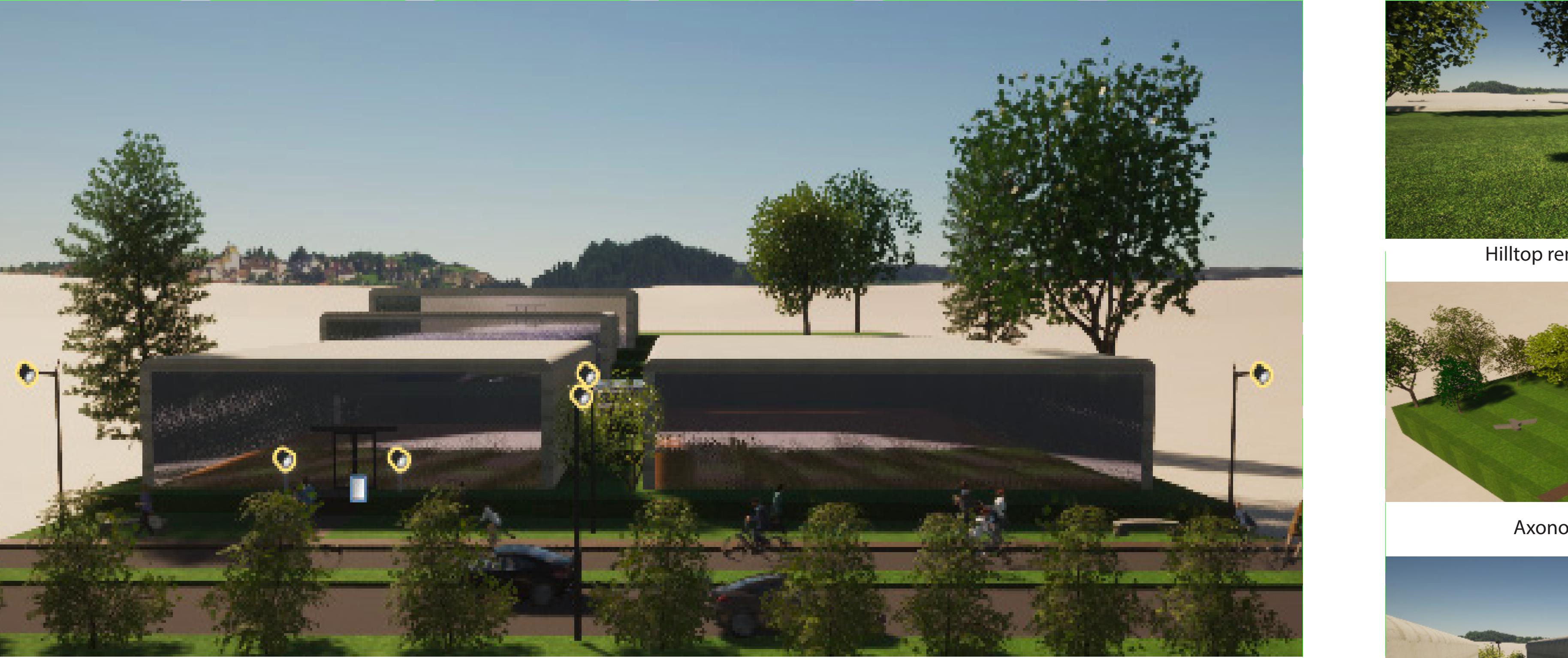
Mental Health Center



The facility is divided into three sections, organized into distinct pods: the entrance, the intersection area, the recreation space, and the health space. These areas are linked by a glass bridge, designed to connect visitors with nature and help calm their nerves. The bridges also encourage patients to embrace a sense of adventure.

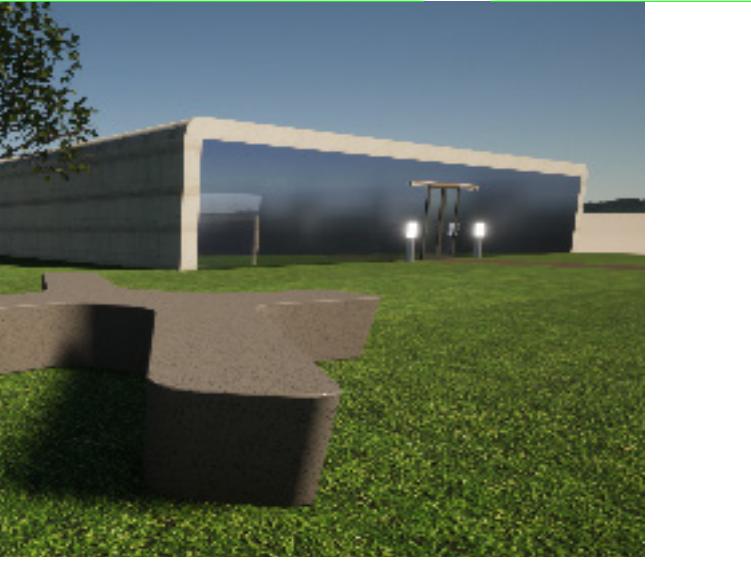






A winter competition held in late fall of 2022 challenged designers to propose a bike parking facility for the Virginia Tech campus. This proposal highlights the use of lighting and reinforced concrete, with distinct segments designed for different purposes. It was also one of the first designs where digital rendering tools, such as Twinmotion, were experimented with and proven successful.

Bike Hub



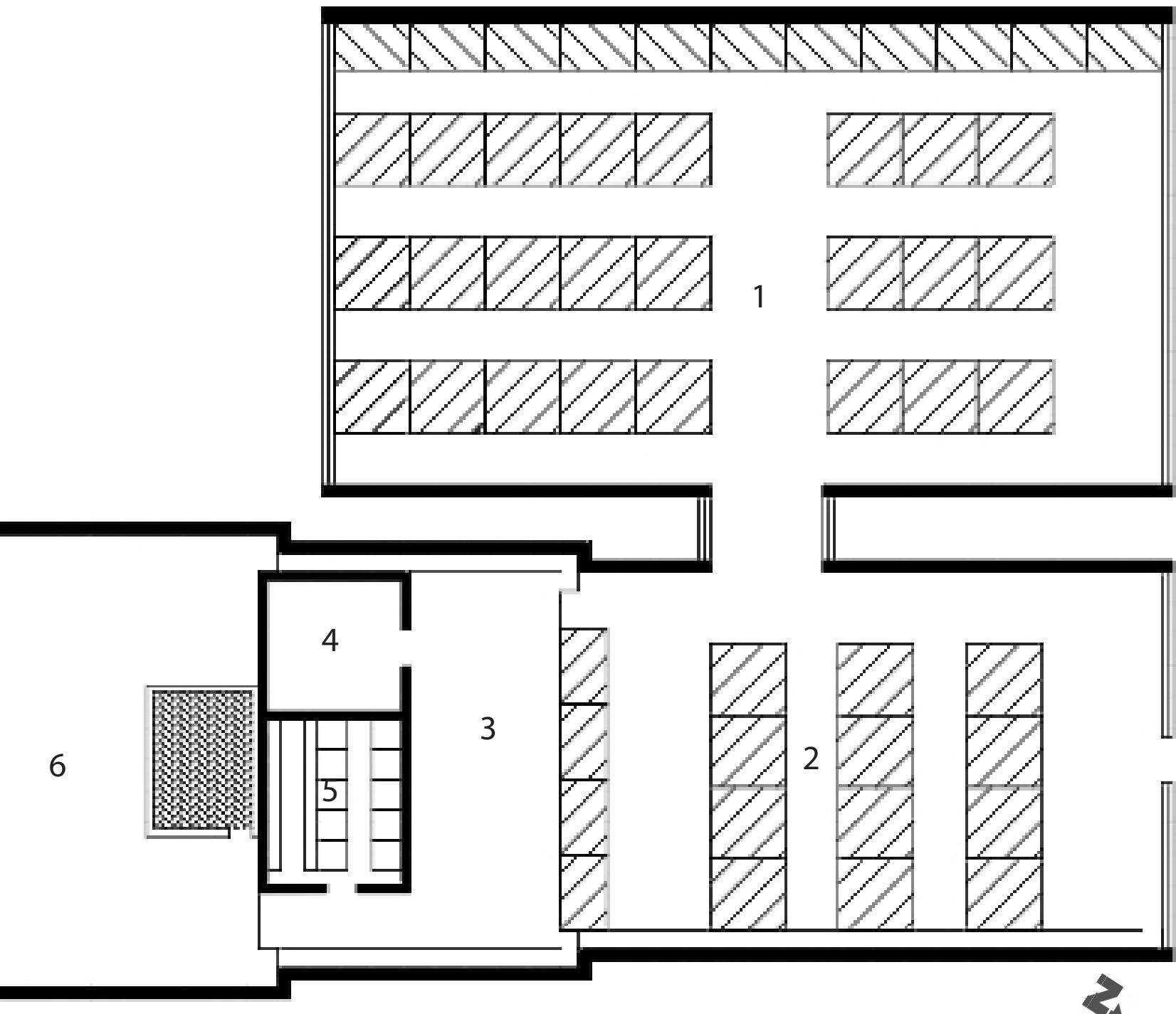
Hilltop render, viewing cafe entrance



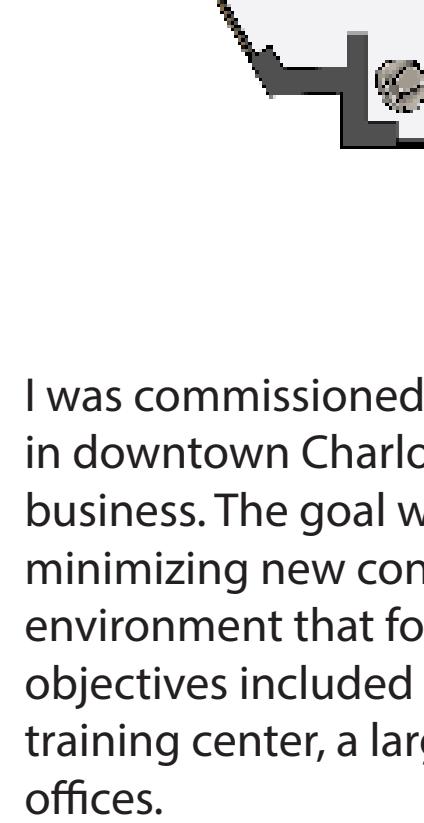
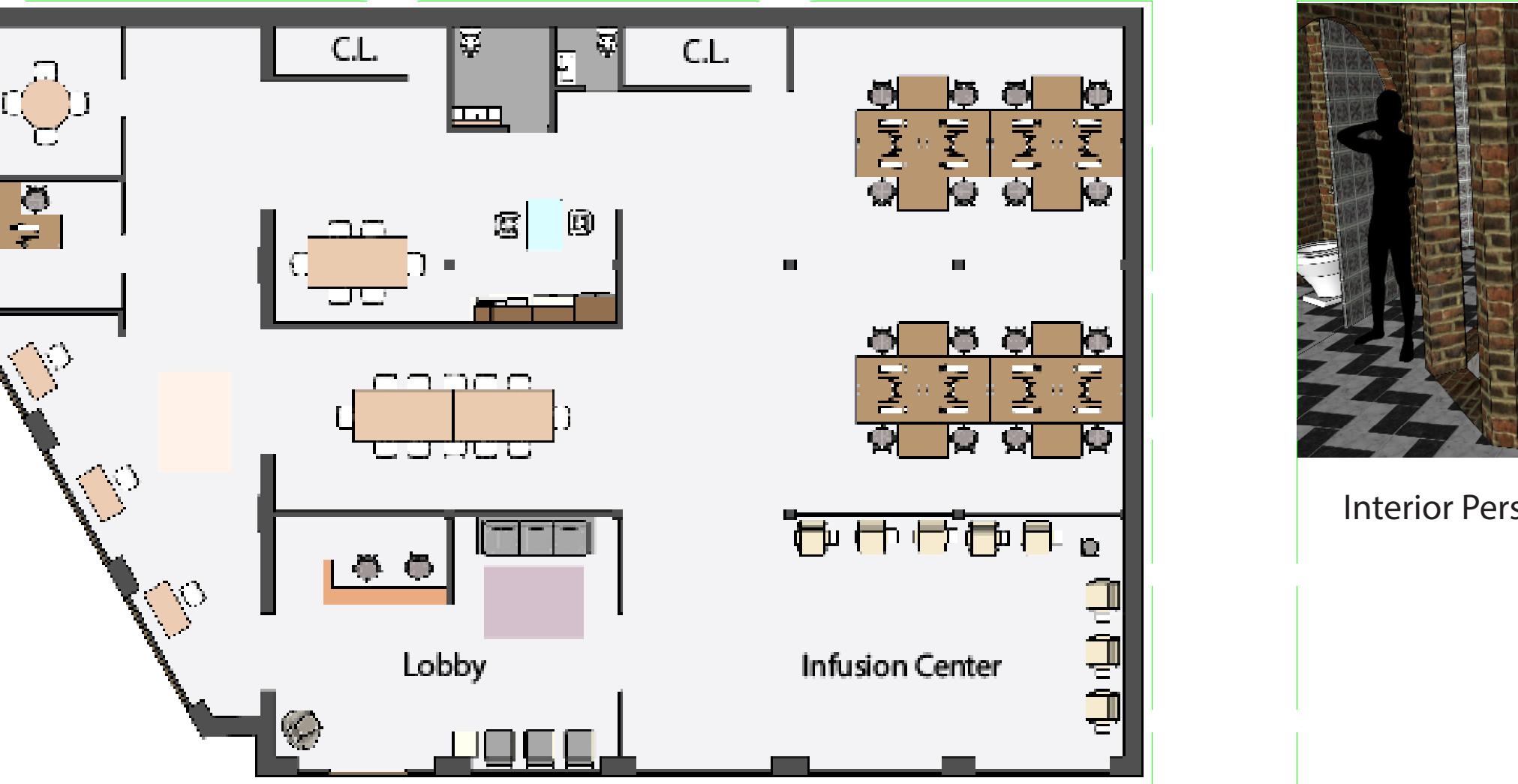
Axonometric View of Backside



Glass Tunnel Connector Render



The floor plan of the bike hub offers more than just parking for cyclists. At the main entrance (2 on the floor plan), a bike-share program is available, along with a bike shop (3), storage (4), locker rooms (5), and a cafe (6). To access the main bike parking area (1), which accommodates hundreds of bikes, visitors will walk through a glass-enclosed room (2).

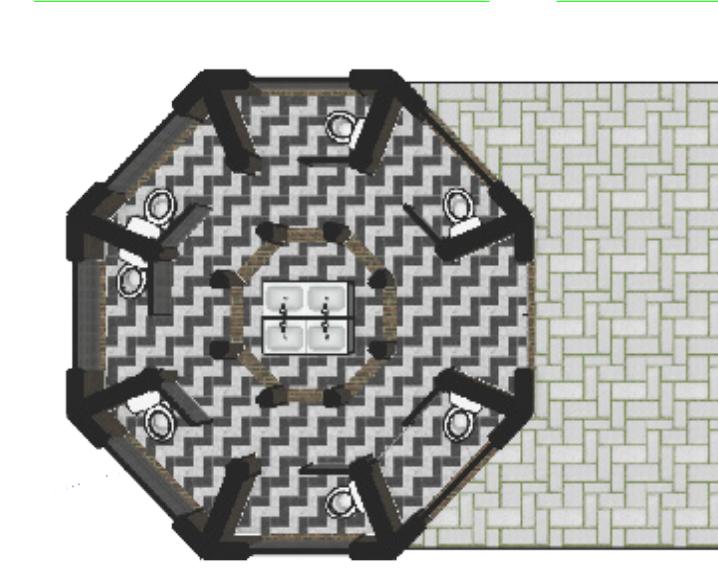


I was commissioned to revise the floor plan of a historic building in downtown Charlottesville, Virginia, for a local home and health business. The goal was to make the space more functional while minimizing new construction, focusing on creating an open environment that fosters shared tasks and accountability. Specific objectives included designing an infusion center, an education and training center, a larger staff lounge/kitchen, and two new executive offices.

BrightStar Commission



Interior Perspective of Men's Restroom



Floorplan



Public Restroom Competition

This was a public restroom proposed for all to use, adjacent to the King Street Metro Station. The goal was to provide everyone with a equitable "comfort station" while containing a design with provocative forms, materials, and graphics. The proposal alone displays two wings (one for men and the other for women) that are attached to each other via a covered roof, containing an octagonal form with a colonnade interior, to provide guests with sublime feeling and to reflect the environment of the traditional colonial architecture of Alexandria.



Thank You for your time!