


Architectural Portfolio


WILLIAM OWEN FLINT




WILLIAM OWEN FLINT

Architectural Student

 205-617-9315

 williamoflint@gmail.com

 2685 Paden Place
Vestavia Hills, AL 35226

Professional Skills

- Adobe Creative Cloud
- AutoCad
- Creative Designing
- Revit
- Rendering
- Sketching
- Sketchup
- Veras

Other Skills

- Group Work
- Listening
- Office Skills
- Patience
- Receiving Constructive Feedback
- Sharing the Gospel

Education

Bachelors in Science of Architecture (In Progress)

Institution: Samford University
Year of Graduation: 2025

Masters in Architecture (In Progress)

Institution: Samford University
Year of Graduation: 2026

Work Experience



Resident Assistant "RA" Samford University

(August 2022-Current)

- Leadership role in a freshmen men's dorm; office tasks and shifts; coworker environment



Camp Coach

Camp Shadow Lake @ Grace Life Baptist Church

(Summer 2023)

- Leading kids through a day camp learning the Gospel mixed with fun activities



Chick-fil-A Team Member Chick-fil-A

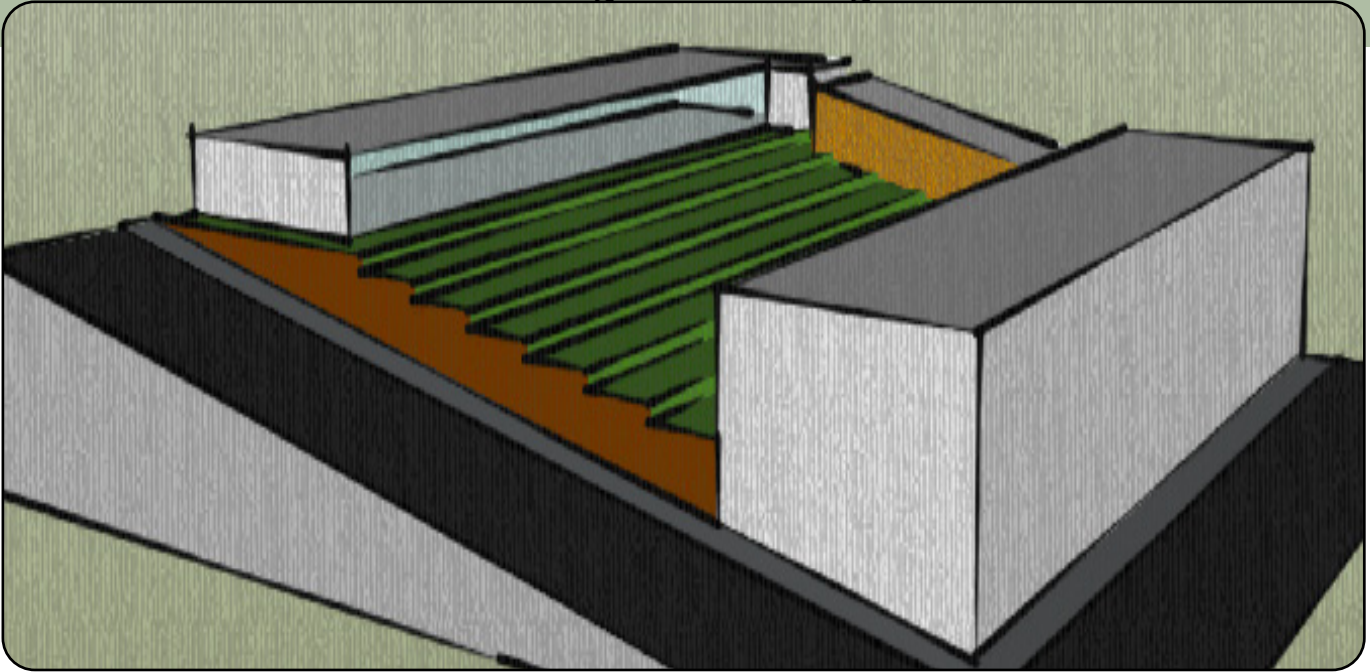
(Jan 2020 to Dec 2022)

- Working with coworkers in face-to-face service

References available upon request

Table of Contents

1) Carraway Community Center



2) Freshmen Row Bus Stop

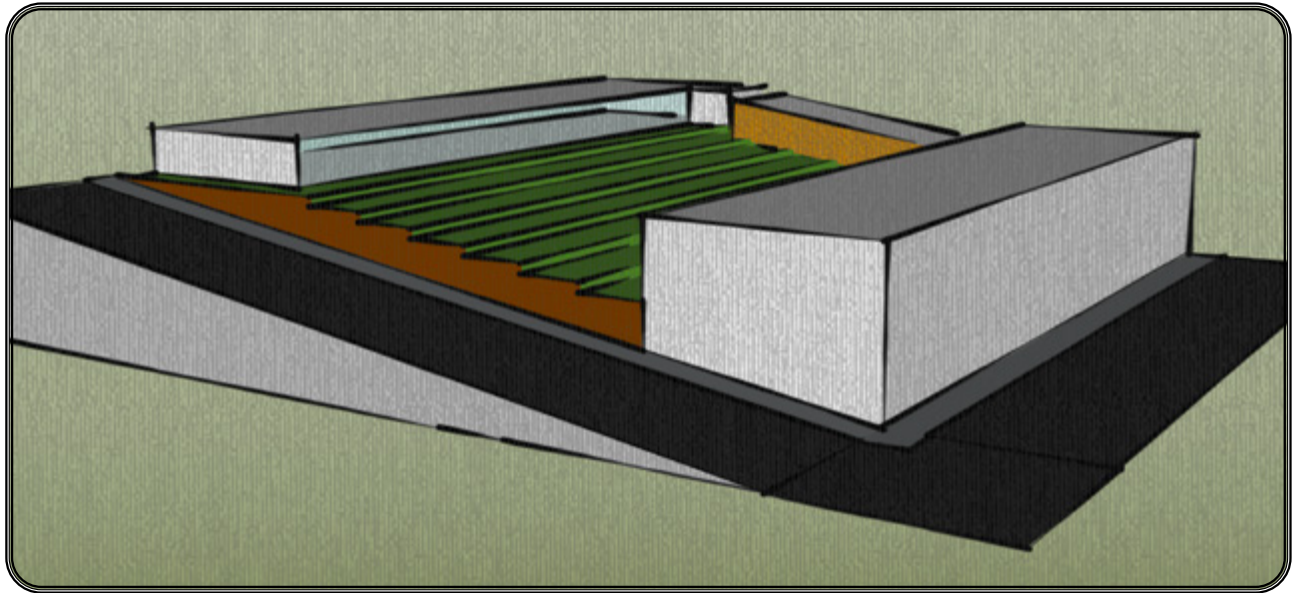


3) Other Work



Studio Projects

Carraway Community Center



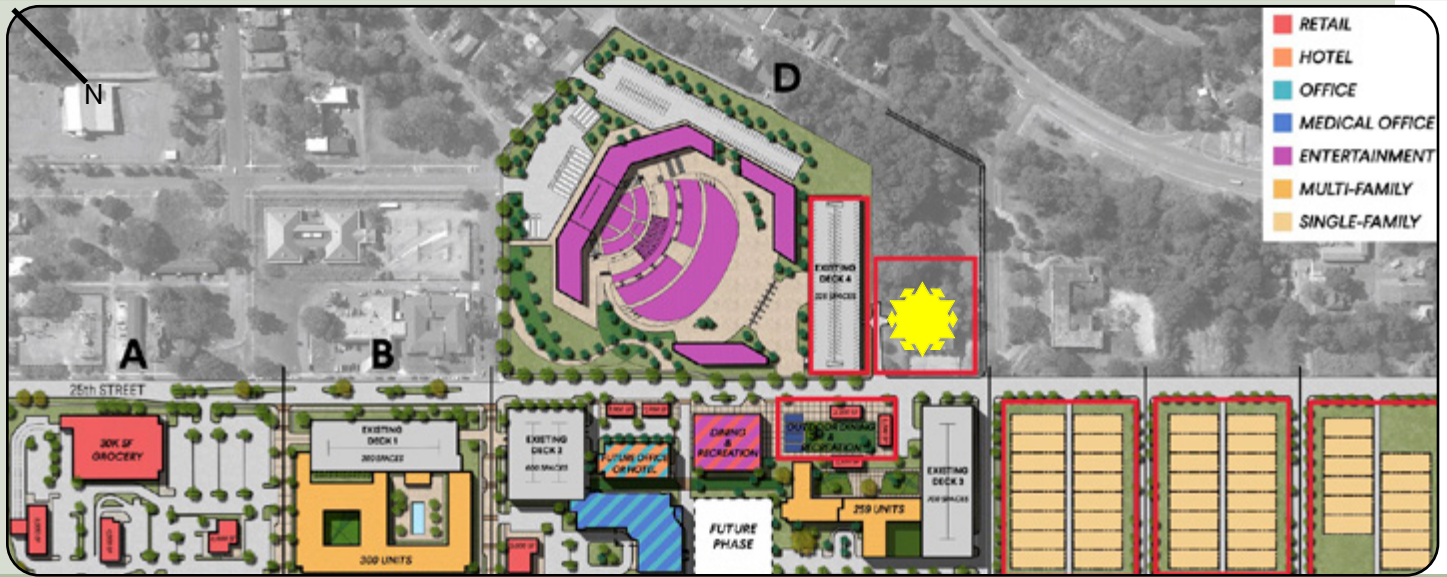
The Carraway Community Center is part a redevelopment master plan in a northern Birmingham community. In an area that is run-down, destroyed and unwelcoming, the Carraway Community Center will become a beacon of activites and congregation in the area.

The sloped site at the corner of the redevelopment is designed with a two building design, and a terraced courtyard with a learning center to create the center's own community. Building One is classified as a business occupancy, and Building Two is a recreational and educational occupancy.

Through a design process of sketching, planning, designing and final presentations, the Carraway Community Center is prepared to be brought to life.

Diagramming of Site and Plan

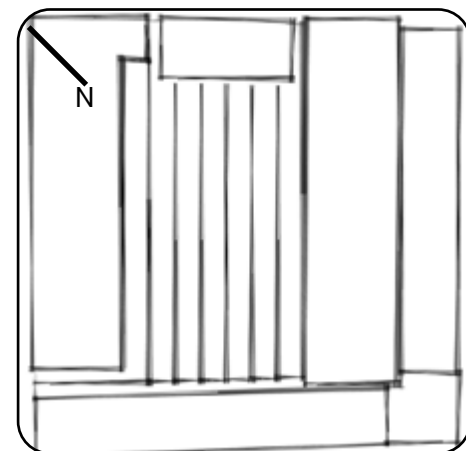
In this project, These diagrams of the site and plans are to visualize the adjacencies in the Community Center.



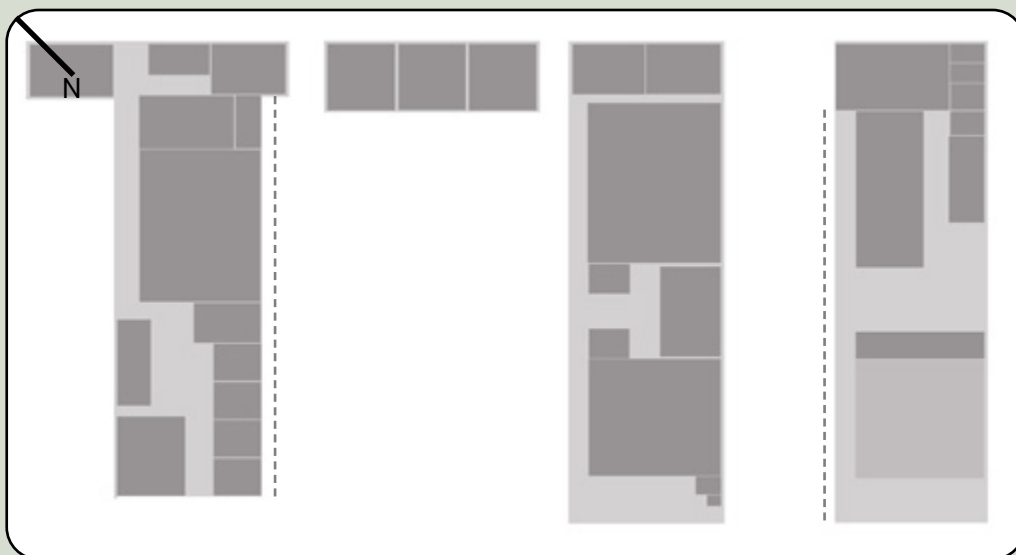
Location of Site (Yellow Star)



Color Blocking Programs by Use



Plan View of Site



Circulation and Adjacencies

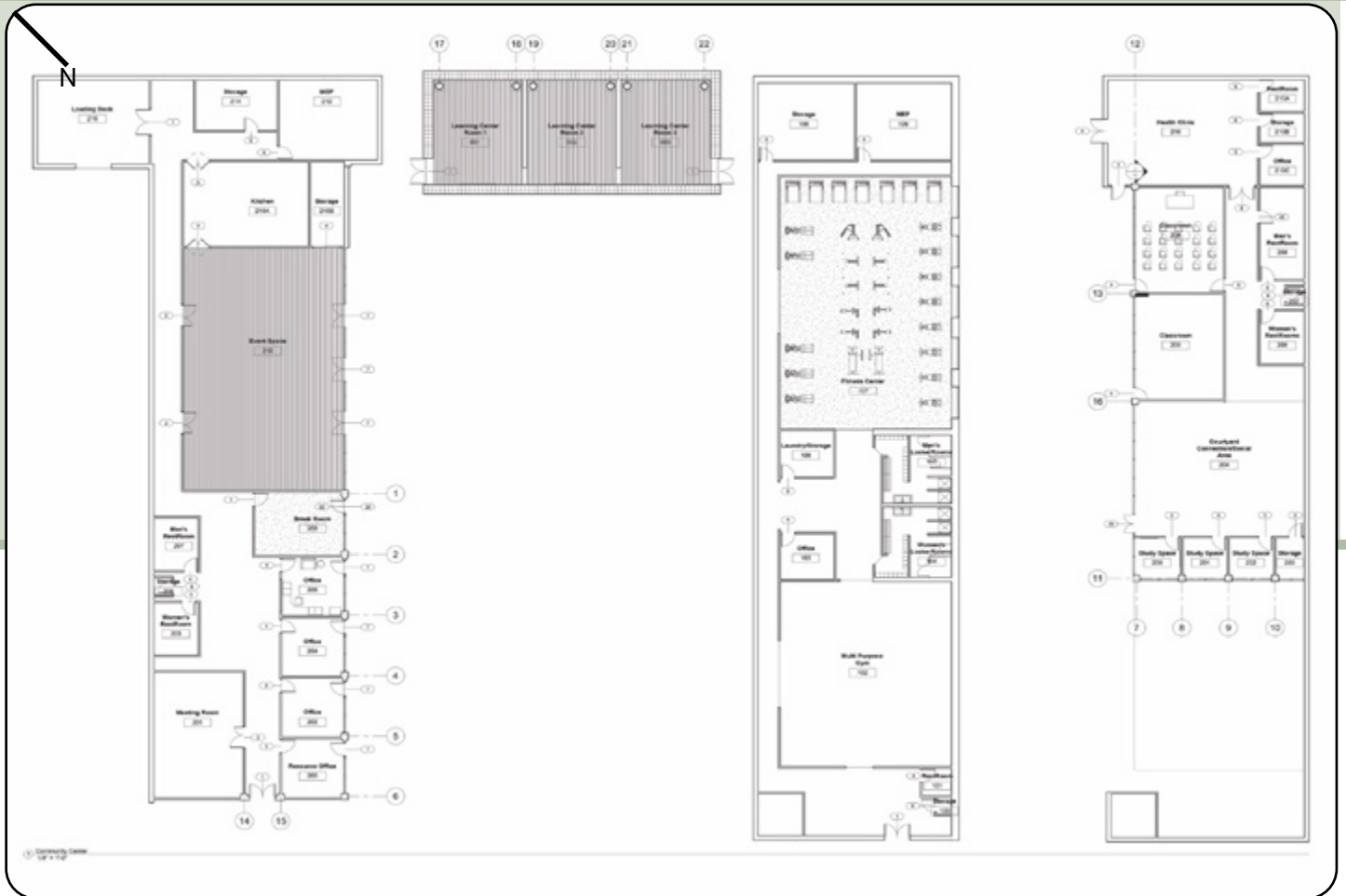
The site is at the corner of 17th St N and 25 St N is at the corner of the redevelopment. It is closer to the surrounding communities and has parking within reasonable distances of the site.

The south building is a business and private use occupancy, while the north building is the recreational and educational programs.

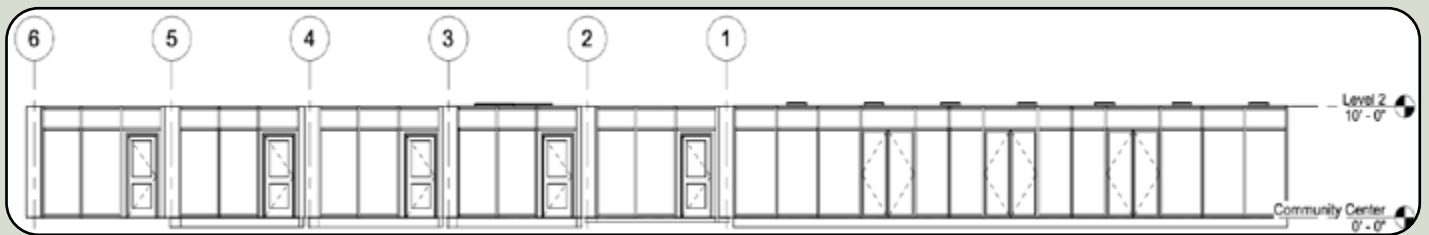
In the terraced courtyard between the buildings, there is a learning center at the back of the property as well.

Technical Drawings

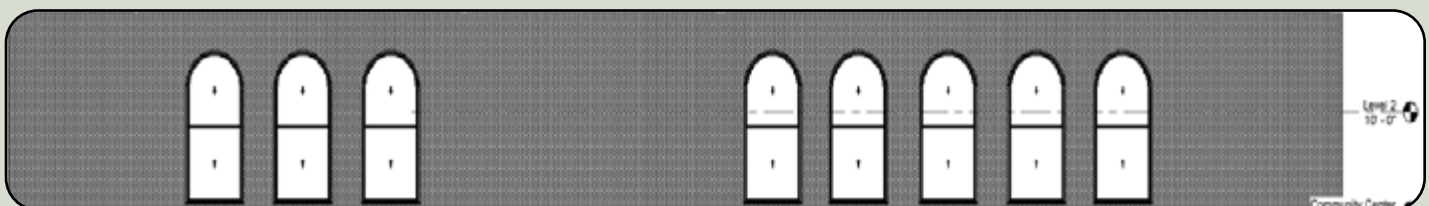
These floor plans and elevations are detailed and labeled with necessary tags and labels.



Floor Plans 1/8"=1'-0"



South Building, Northern Facade



North Building, 1st floor Northern Facade

Renderings and Modeling

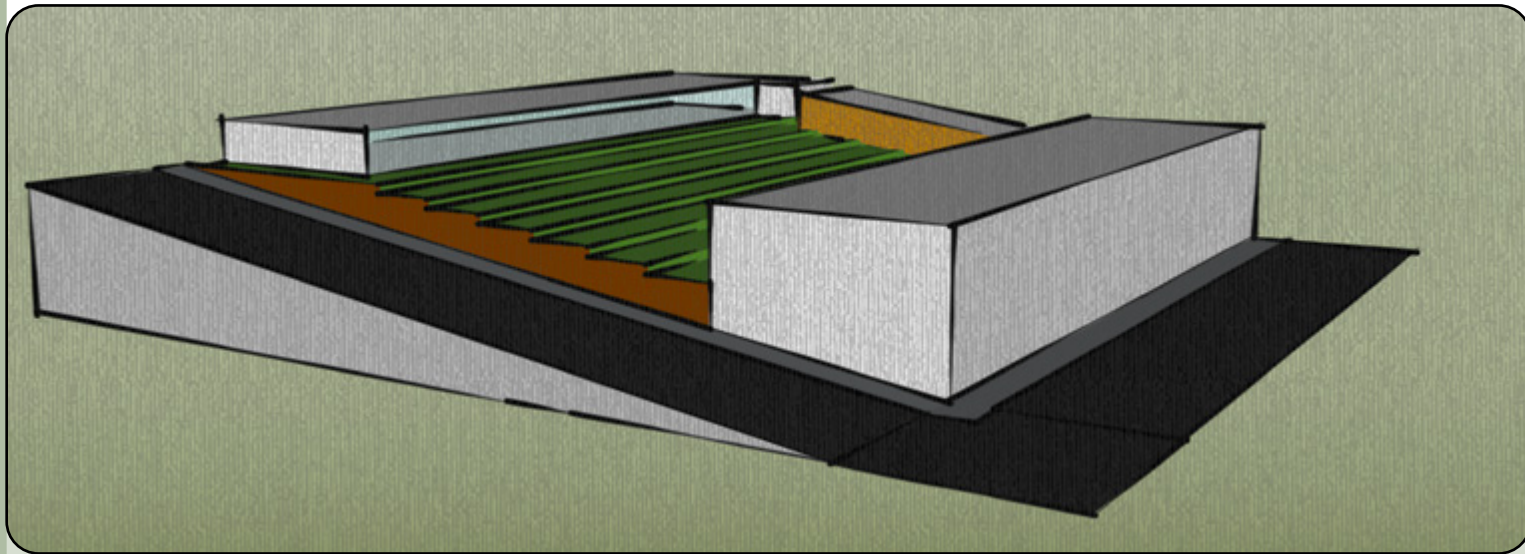
The final stage of this project, the renderings and mass modeling was to show interior spaces, and the site in a massing model with some materiality shown.



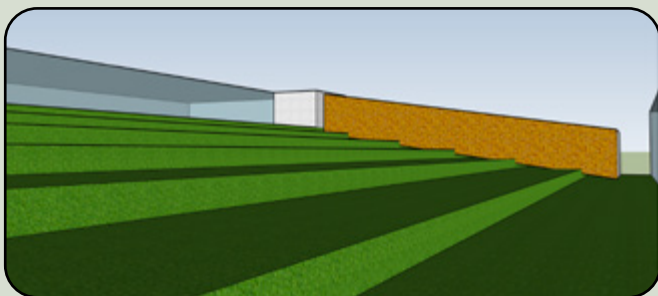
Interior Rendering of Fitness Center



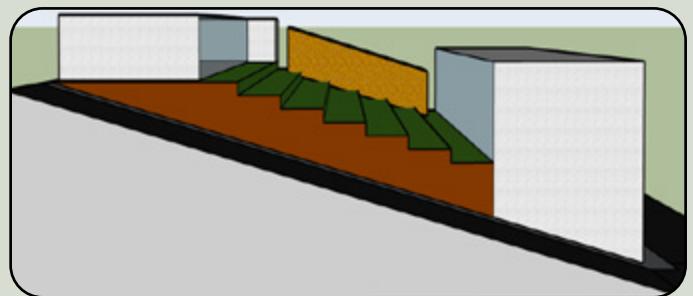
Interior Rendering of Event Space



Massing Model of Site



View of Terraced Courtyard



Elevation of Site

Freshmen Row Bus Stop



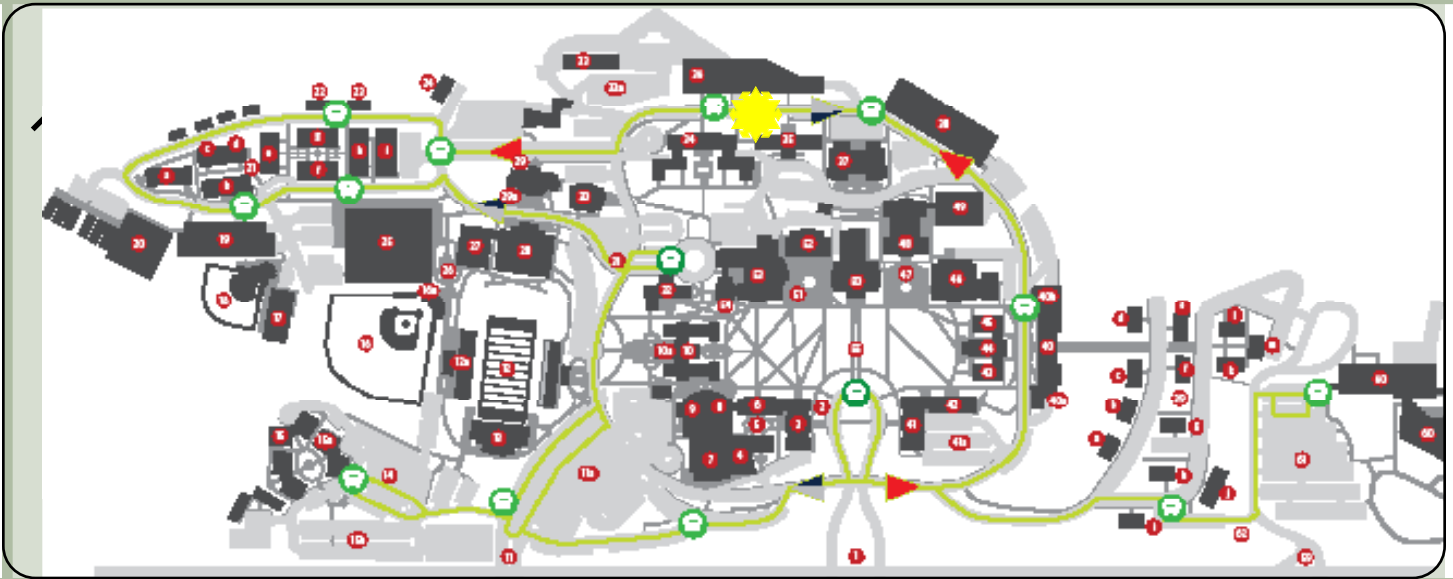
Freshmen Row Bus Stop is a step in the direction of creating safe but efficient bus stops around the beautiful campus of Samford University. As the shuttle service is sometimes unreliable and unsafe, Freshmen Row creates a purposeful approach to solve this problems.

Located outside the freshmen male and female dorms and parking deck, Freshmen Row creates a space dedicated to the shuttles for safe loading and unloading, but does not interfere with traffic. With road and traffic rerouting, this bus stop creates a safe loading environment for all.

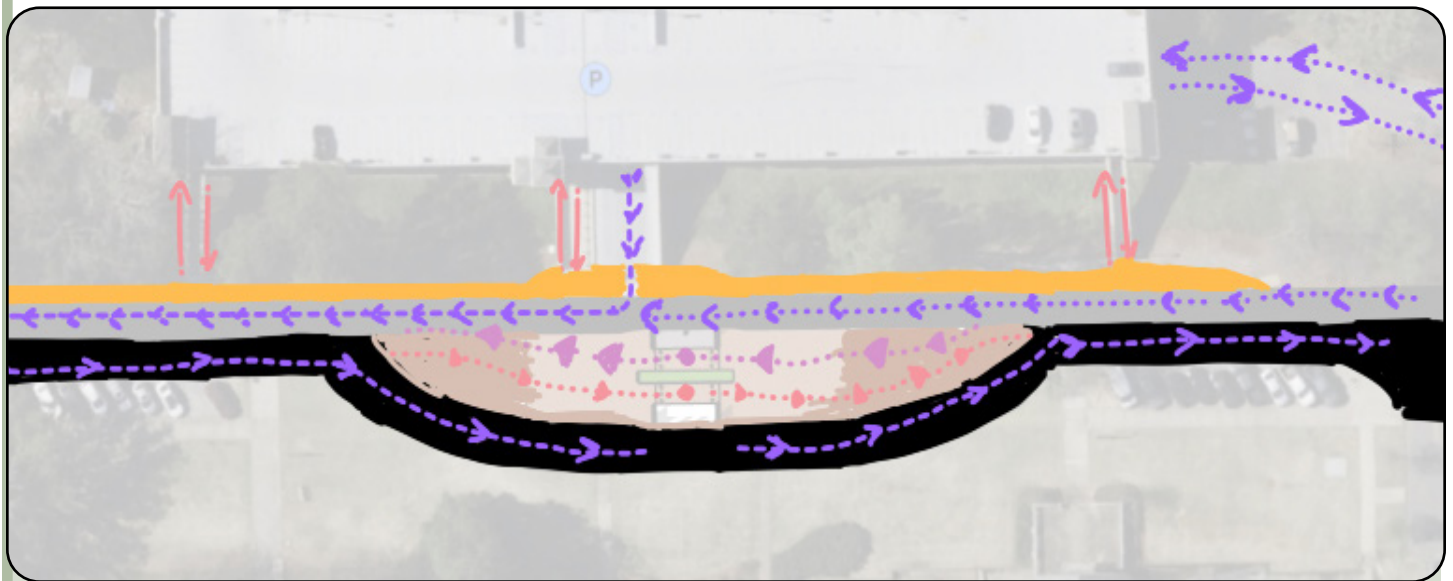
Through a design process of personal experience, sketching, planning, designing, model making, and final presentations, the Carraway Community Center is prepared to be brought to life.

Diagramming of Site and Plan

The diagrams of the site and road revision plan provides a visual of the location and the necessary road revision to make this bus stop safe and accessible for all.



Location of Site (Yellow Star)



Location of Site with Traffic Rerouting

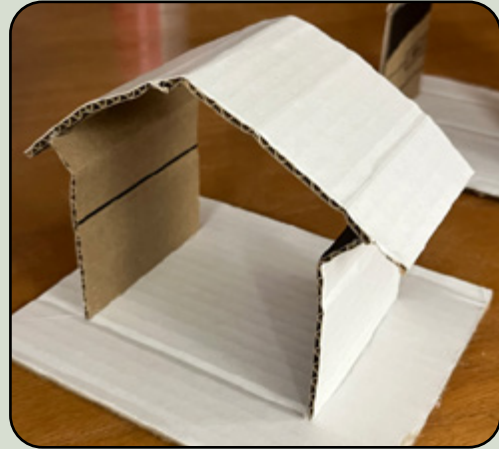
Freshmen Row is a bus stop, traffic island in the center of a two-way road. This design purpose is for safe pedestrian unloading from the right sided doors on the shuttles, but also a safe unloading location for the shuttles as well.

A major design portion is the road rerouting around the bus stop. Currently, the traffic is two way, with three pedestrian bridges to the parking deck and one main entrance and exit bridge for motor vehicles.

With Freshmen Row, the traffic lane closer to the dorms will be rerouted around the bus stop. Traffic on the motor bridge is one way exit, and this allows for the entrance at the lower floor of the deck to be used as the main entrance but an exit as well.

Physical Modeling

The physical model images included are to show the massing model crafted.



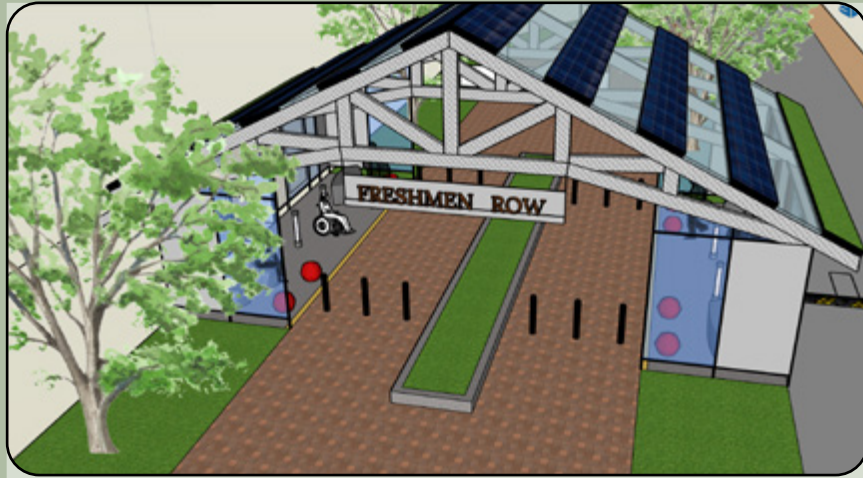
Study Models of Roof Shapes



Final Massing Model

Digital Modeling

Digital modeling images shown are done in Sketchup programming. The bus stop has the surrounding environment as well for context.



Aerial View of Freshmen Row



Elevation of Freshmen Row

Interior View of Freshmen Row



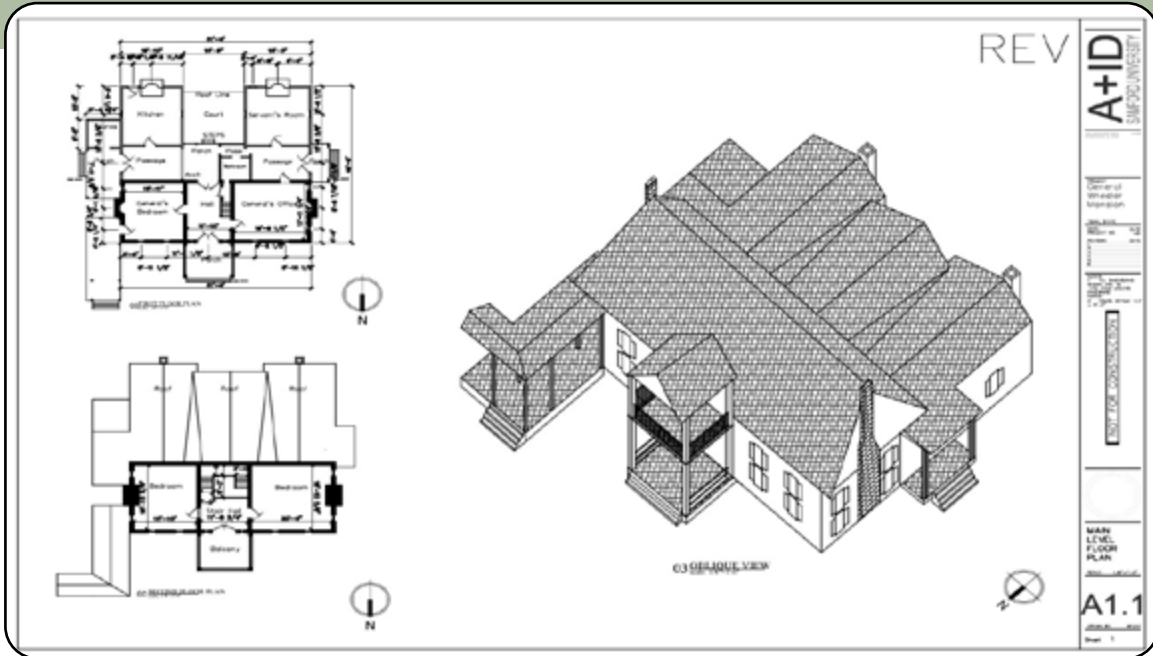
Closer Aerial View of Freshmen Row



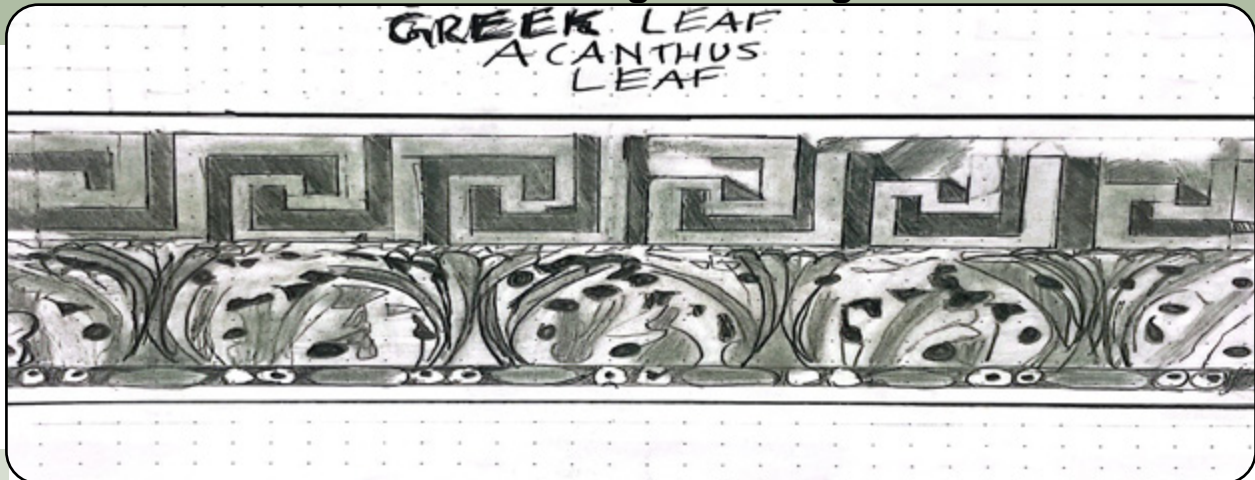
Other Work

Table of Contents

1) Autocad Work/Revit Work



2) Sketching/Drawing



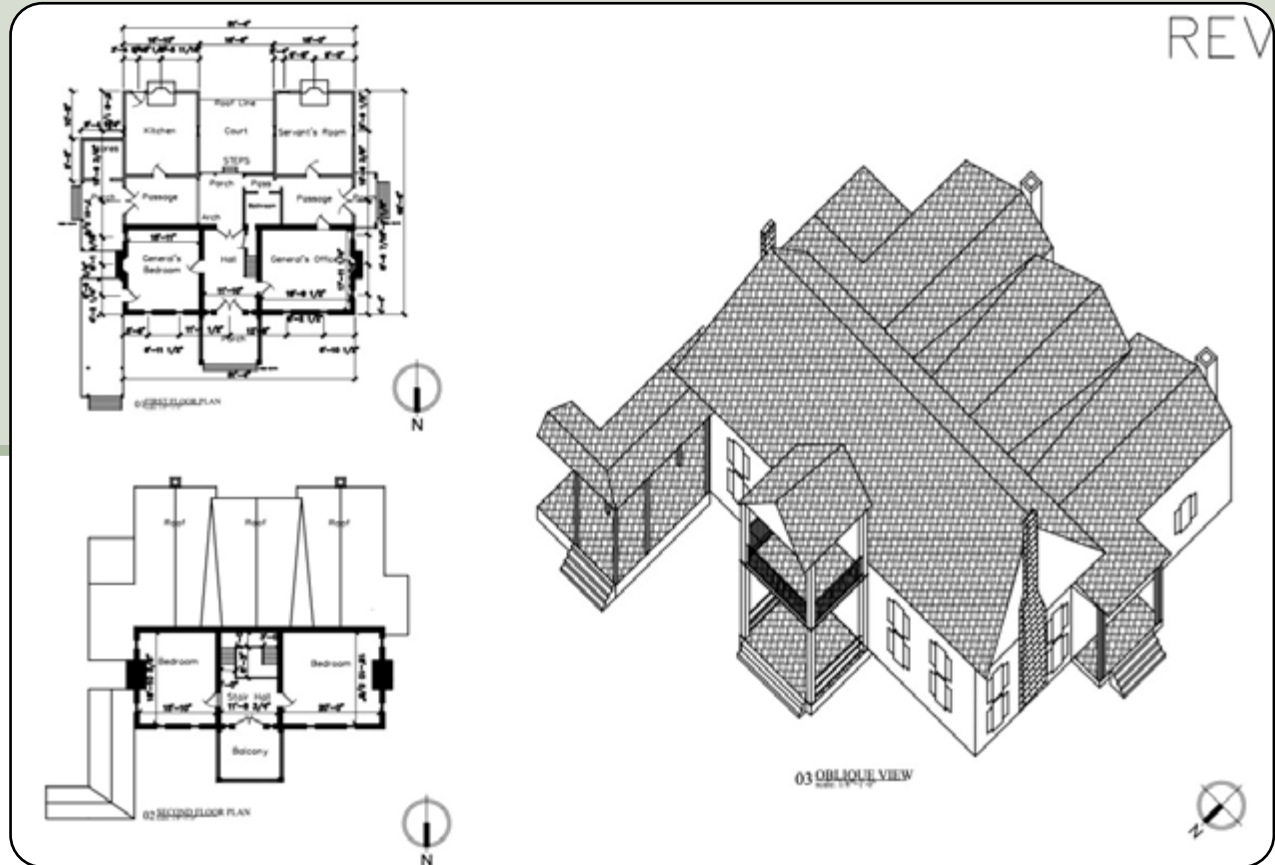
3) Adobe Services



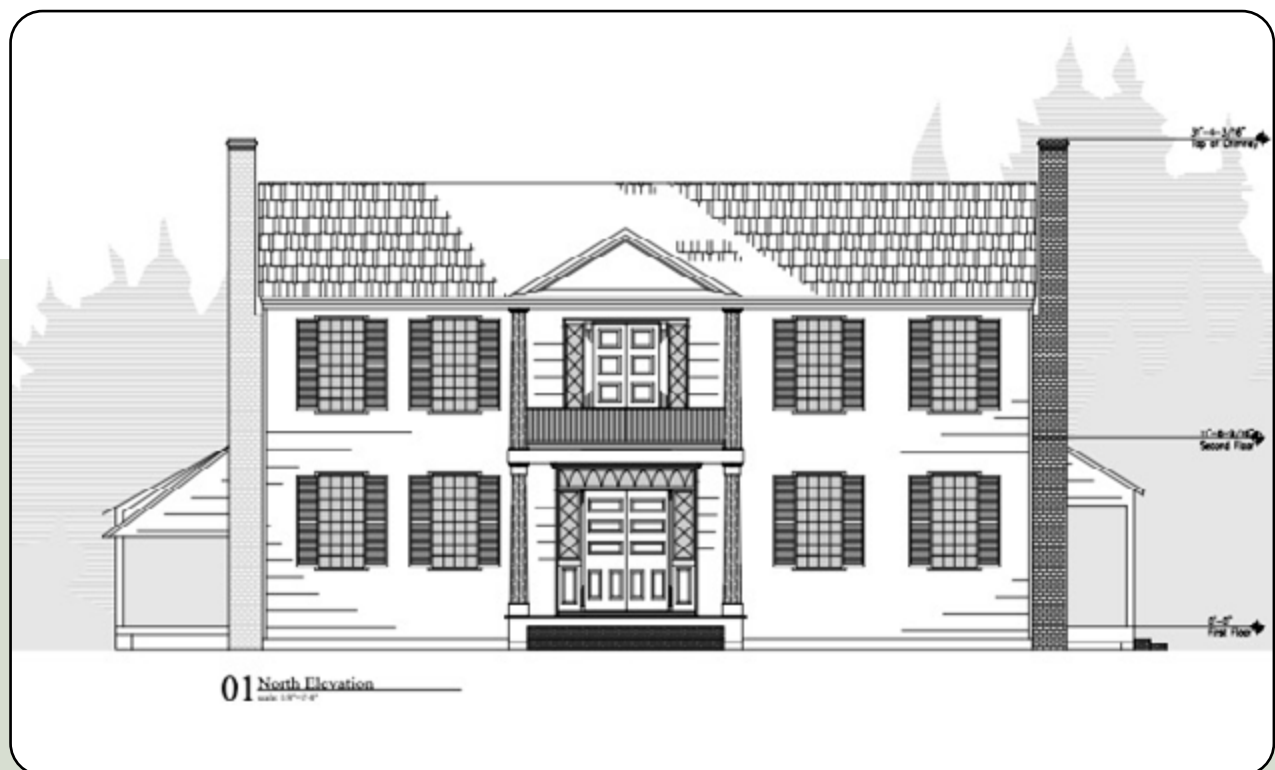
AutoCad Projects

In the Architecture program, I've had the opportunity to work with Autocad on projects. I have used AutoCAD to create detailed floor plans, elevations, sections, and axons of different projects, ensuring accuracy and adherence to building codes.

This project, the General Wheeler Mansion, was my first Autocad project. The process was recreating the detailed floor plans in Autocad using original floor plans of the house. Then, the floor plans were stacked and connected to create the axon of the house



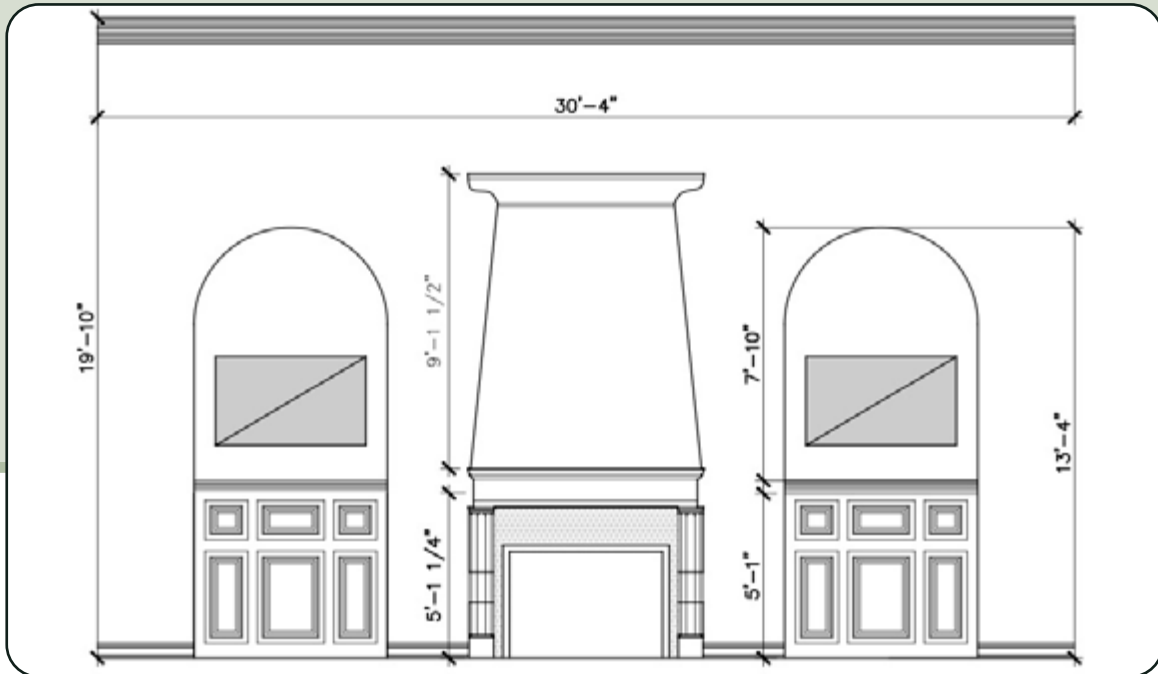
Autocad-Built Axon and Floor Plans



Elevation Drawn and Detailed in AutoCad

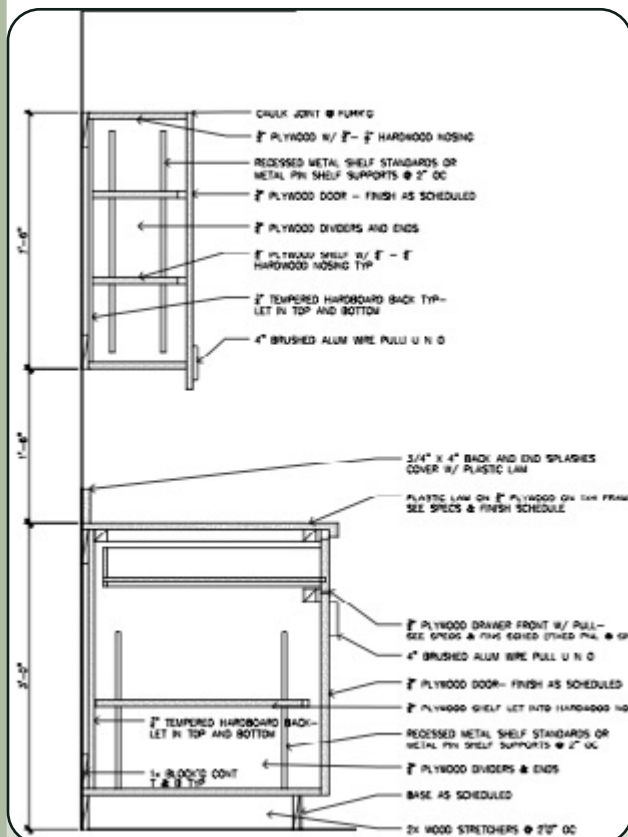
AutoCad Projects (cont'd)

This AutoCad project was a drawing of Samford University's Student Center fireplace. After doing hand measurements of the detailing and sketching, we scaled these measurements to design the elevation in AutoCad.

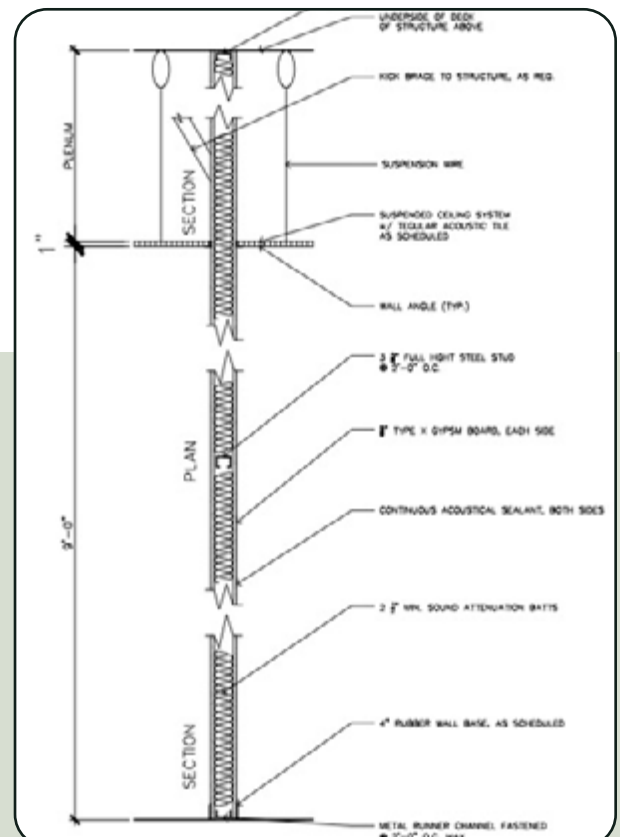


Elevation Drawn and Detailed in AutoCad

These two projects below are detailed sections of a Cabinet System and a Full Wall Partition. With original sections to guide the work, these sections were drawn, detailed, and labeled appropriately in AutoCad.



Section of Cabinet System drawn and detailed in AutoCad

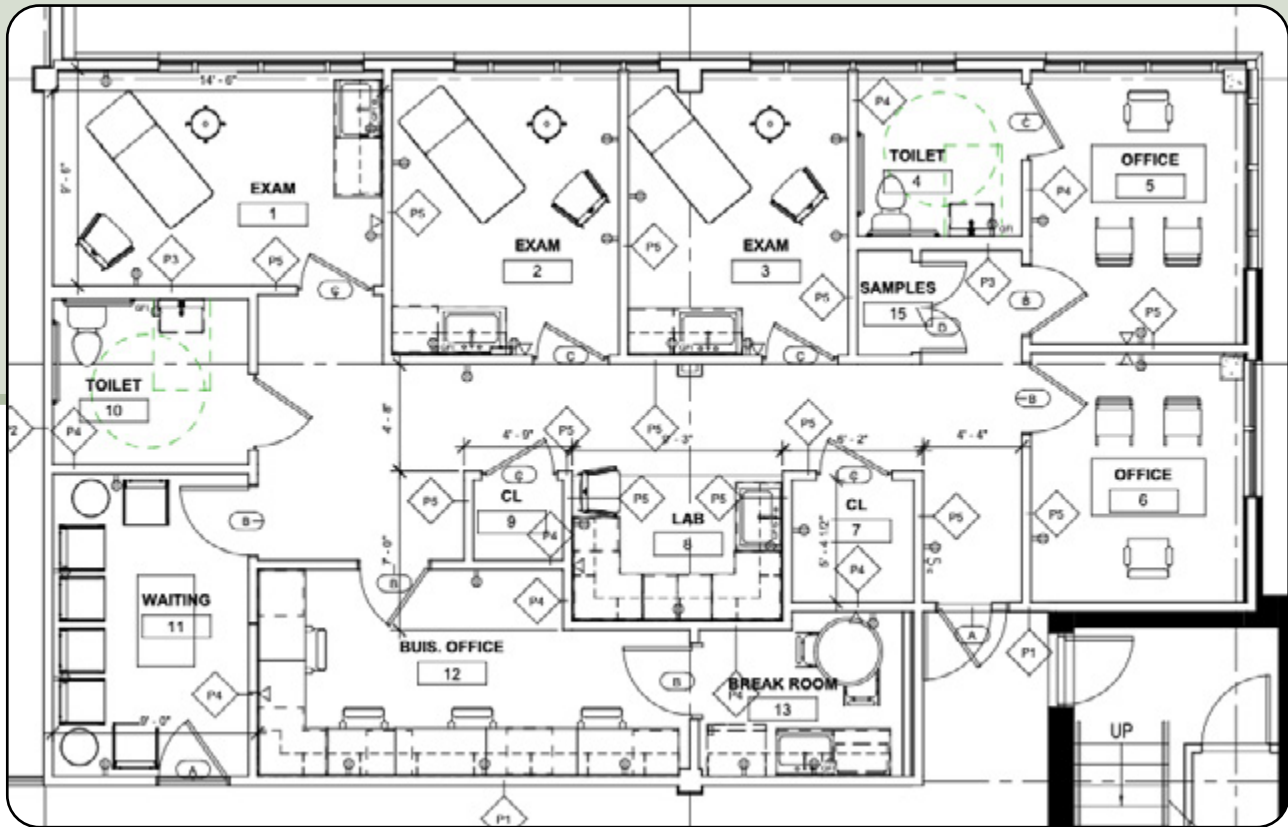


Section of Full Wall Height drawn and detailed in AutoCad

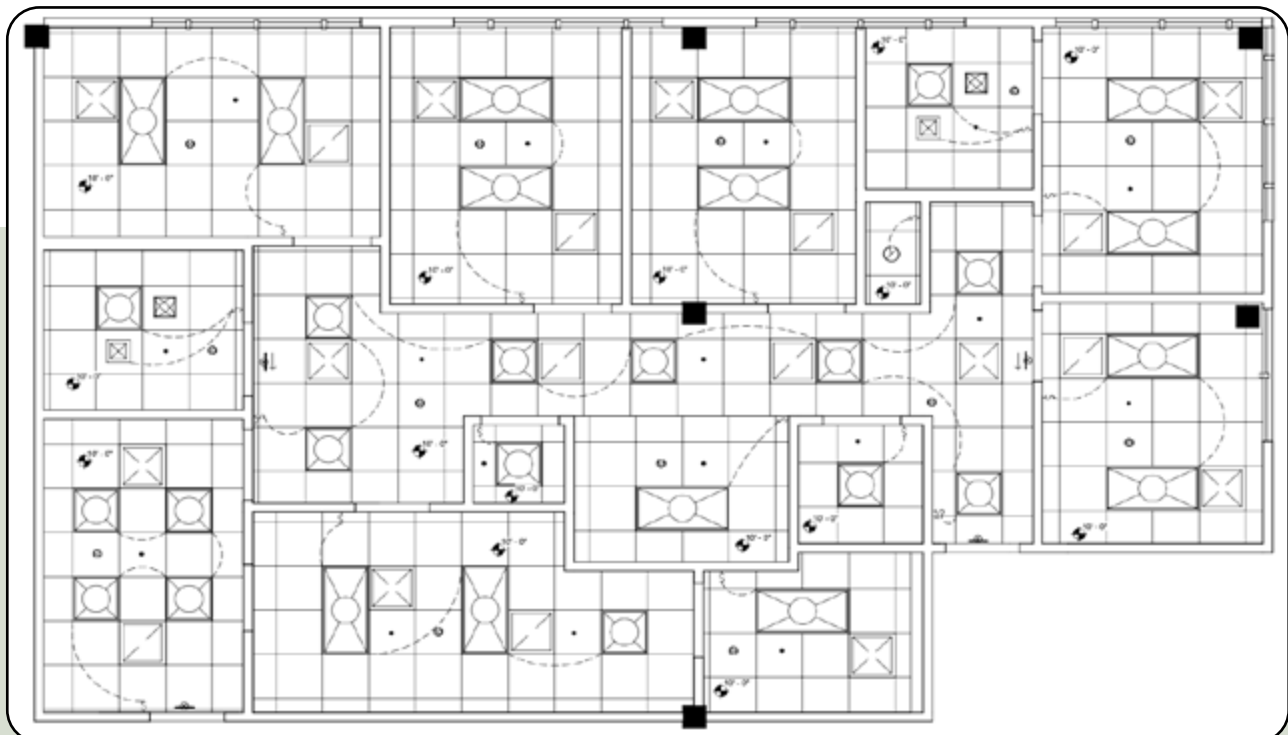
Revit Project

I also gained experience in Revit as well. Detailed condos, elevations, sections, and floor plans are projects I have design using Revit, while still ensuring accuracy and adherence to building codes.

In my Architectural Drawing class, this project was a renovation project in the Decatur Hospital for a health clinic design. The design process began by creating a list of different spaces in the project. I then designed in Revit the floor plans and added technical details. Finally, Elevations and Sections were designed and detailed.



Floor Plan designed and detailed in Revit

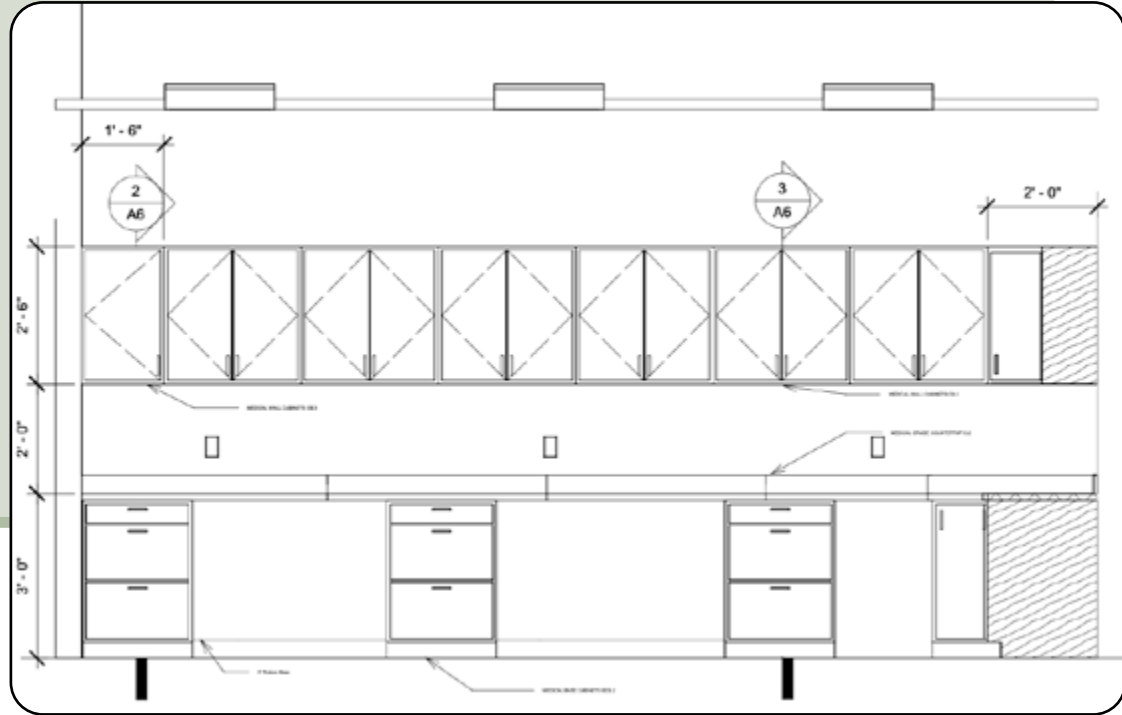


RCP designed and detailed in Revit

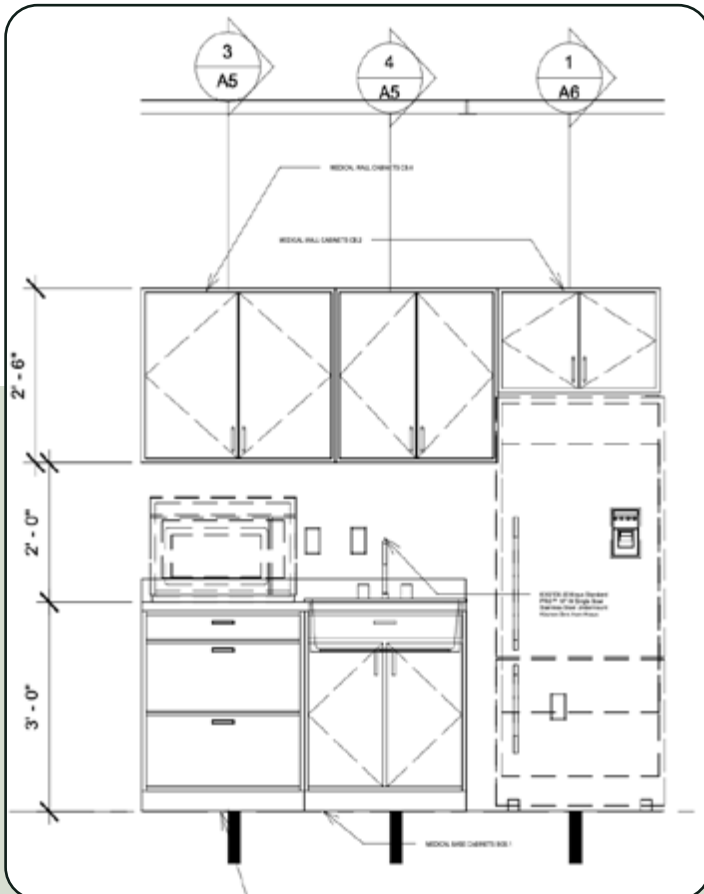
Revit Project (Continued)



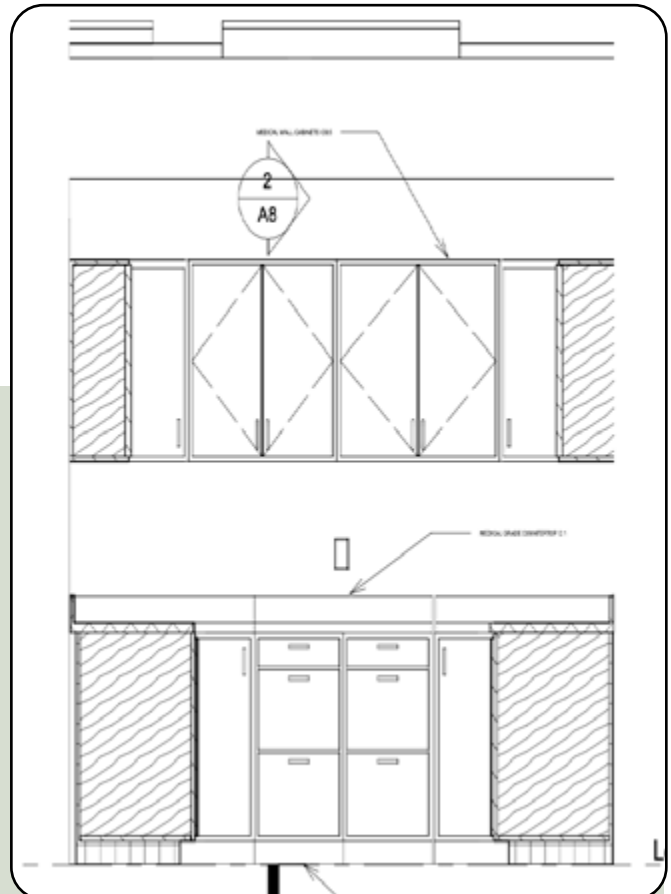
Health Clinic ConDoc



Elevation designed and detailed in Revit



Elevation designed and detailed in Revit

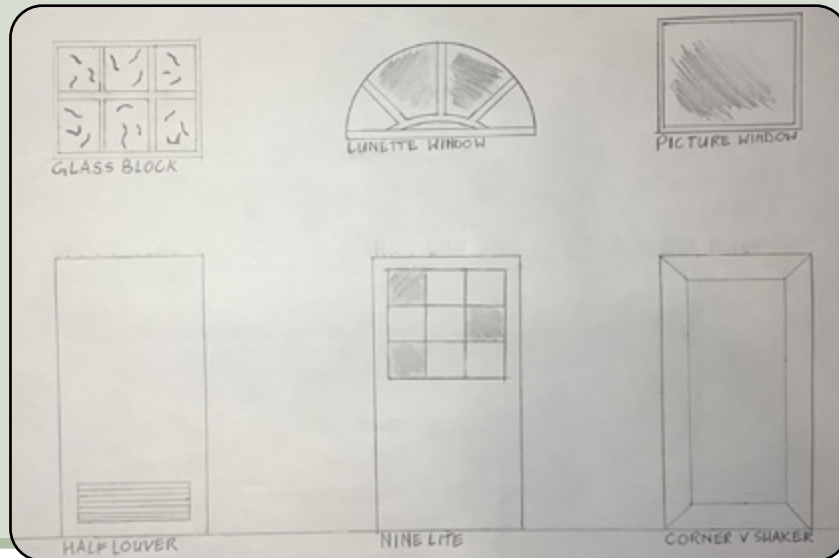


Elevation designed and detailed in Revit

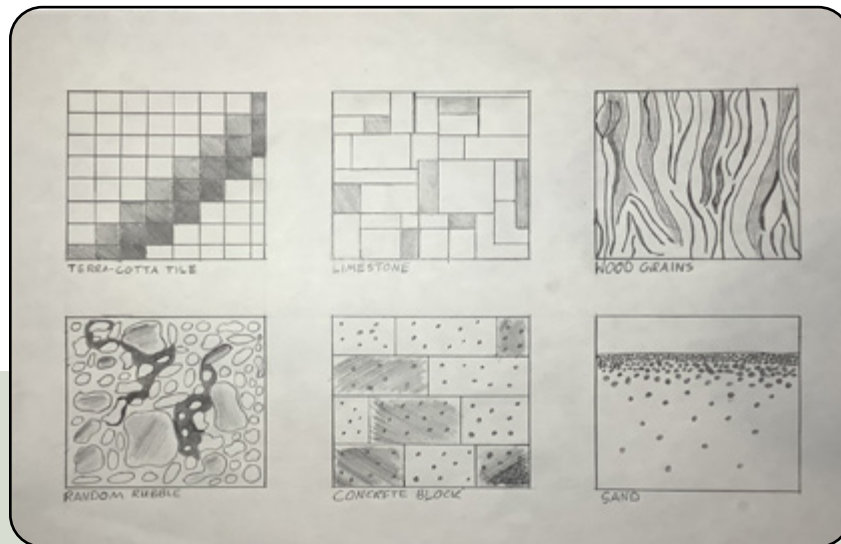
Sketching & Drawing

As I gained experience with CAD programs, I was able to refine my sketching and drawing skills.

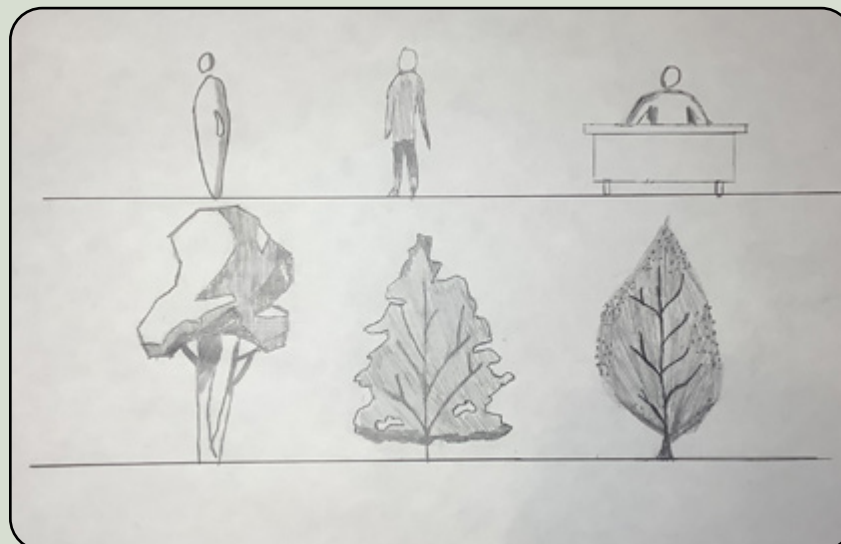
These first Sketches and Drawings are assignments focusing on detail of the sketched object.



Detailing of Door and Window Types



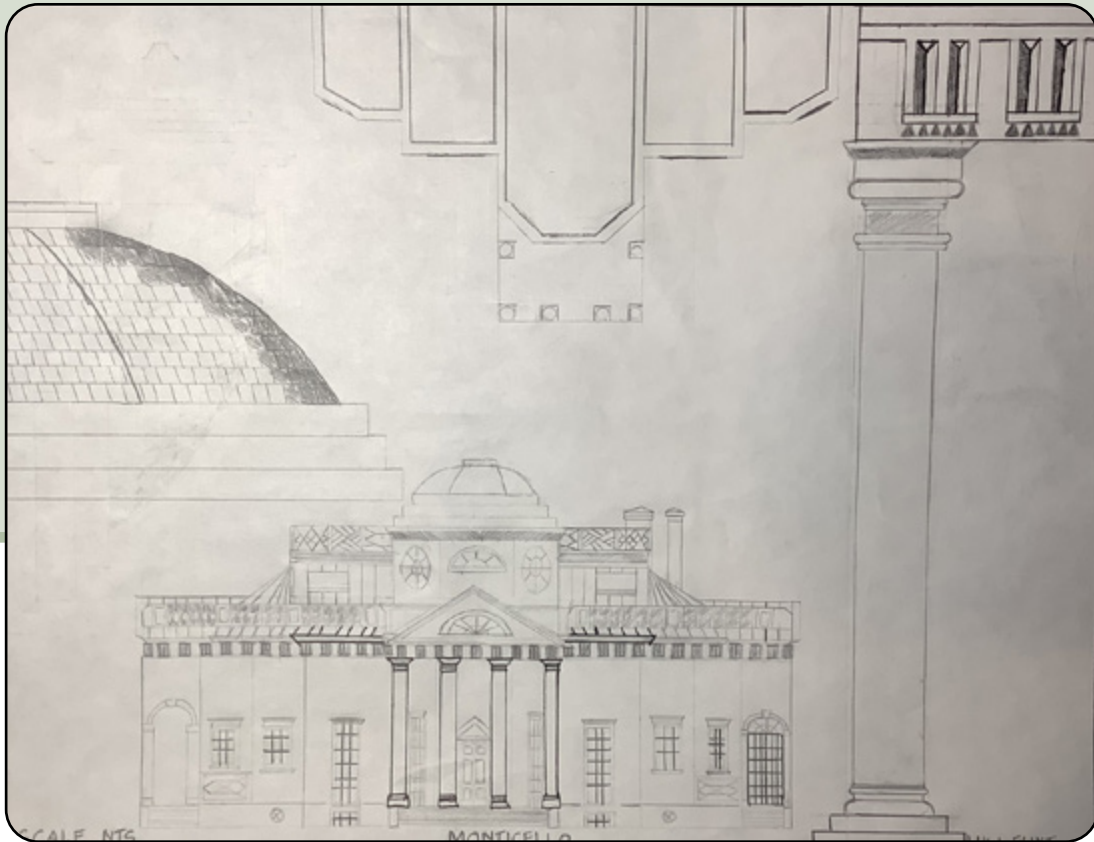
Detailing of Various Materials



Entourage of Figures and Trees

Sketching & Drawing (cont'd)

The next projects are larger sketches I have drawn.



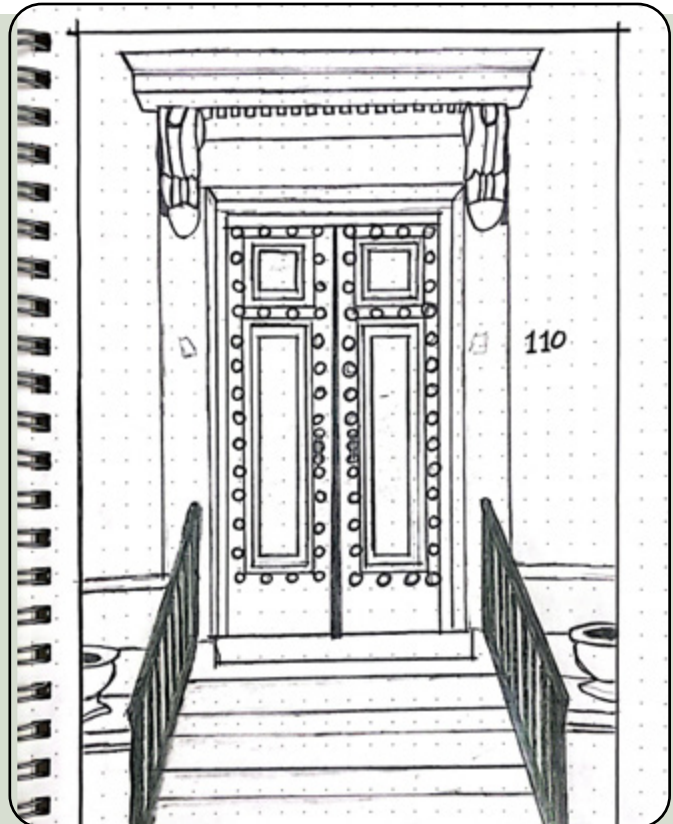
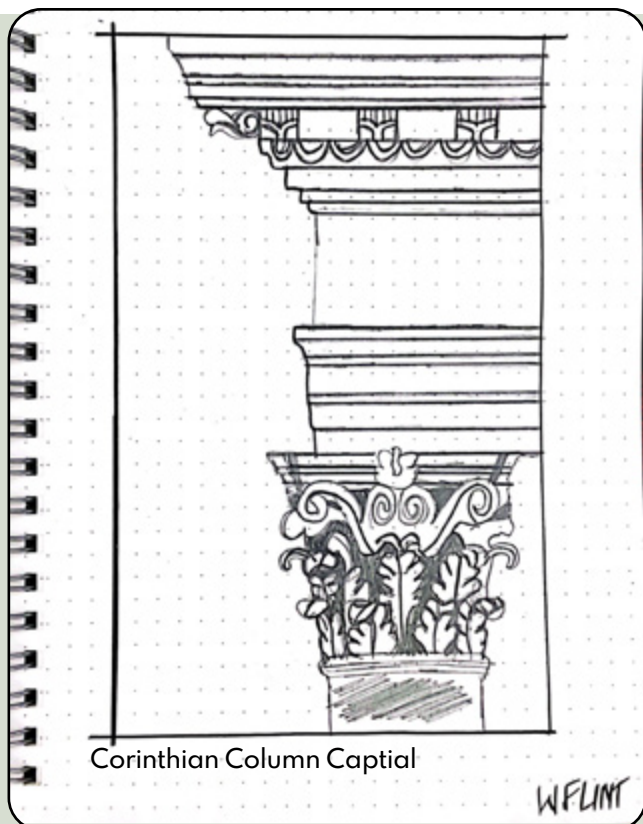
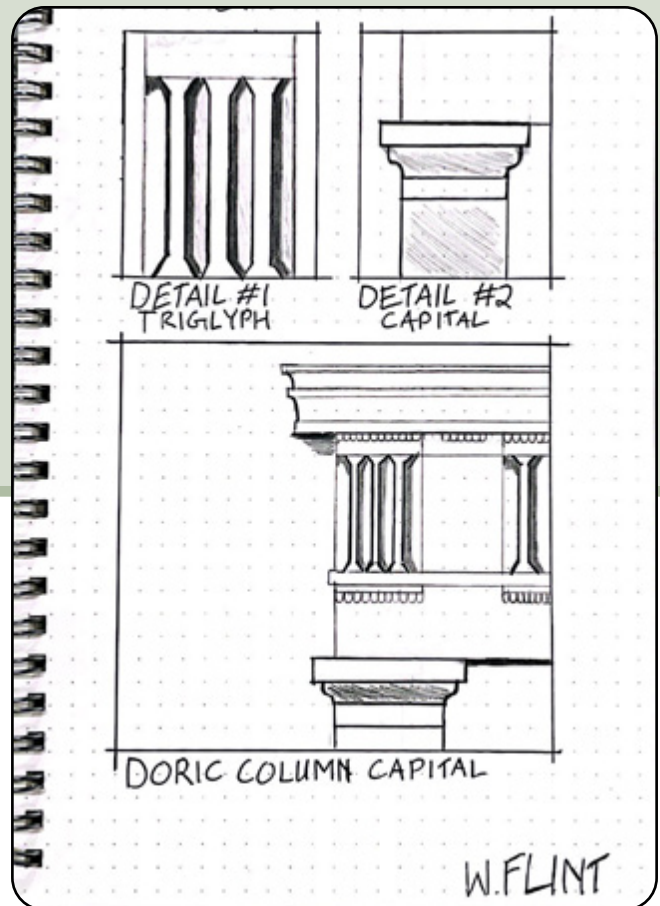
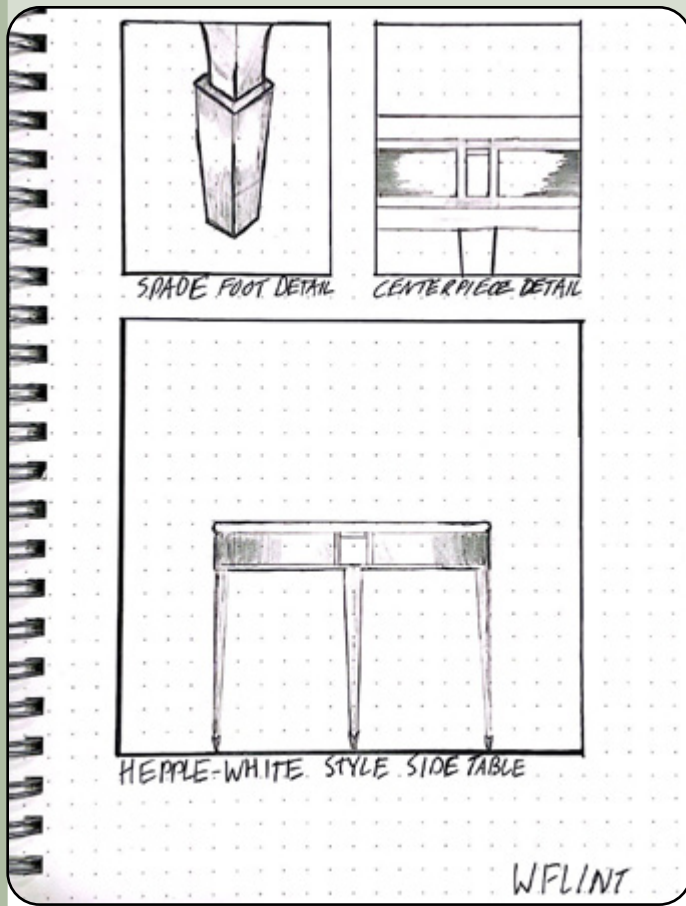
Analytique Sketch of Monticello



Sketch of a Craftsman House with material detailing

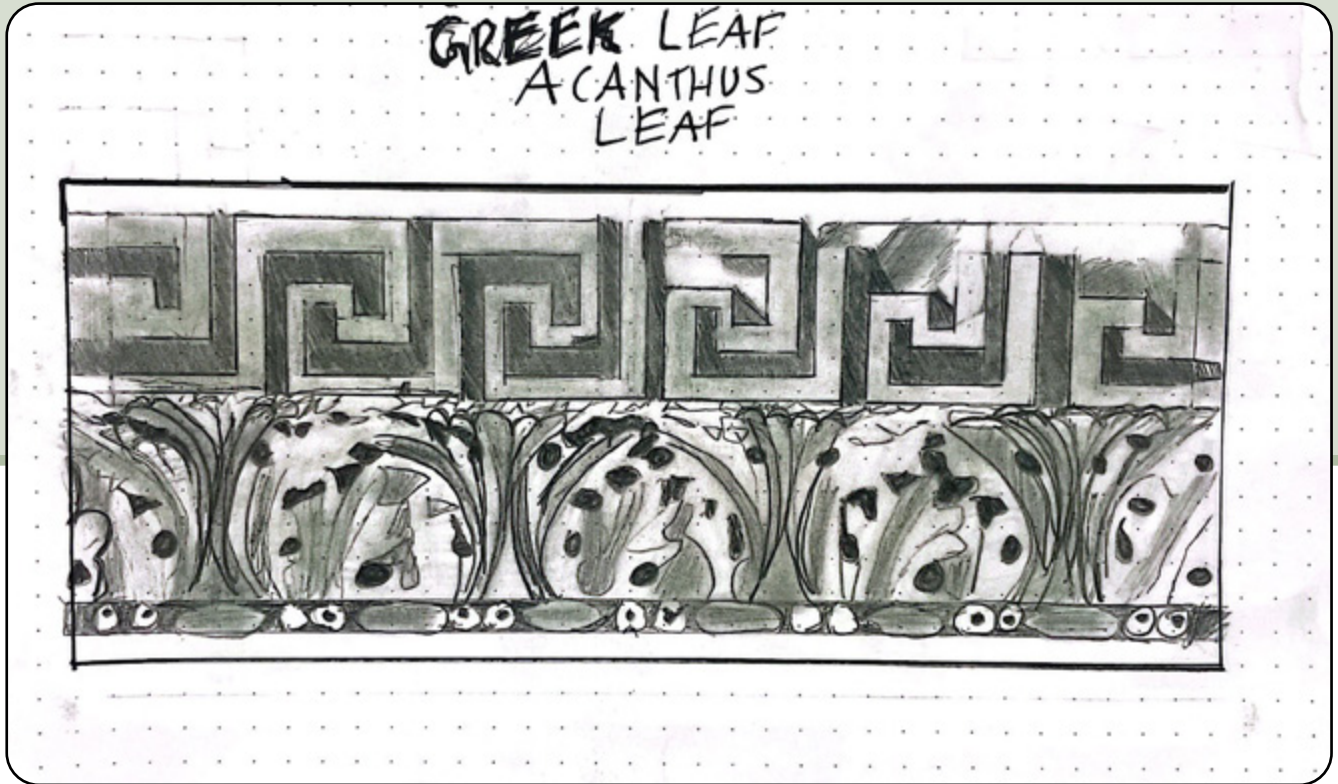
Sketching & Drawing (cont'd)

These Sketches is a series of sketches. Starting with a small end table, to the interior of Samford's Hodges Chapel.



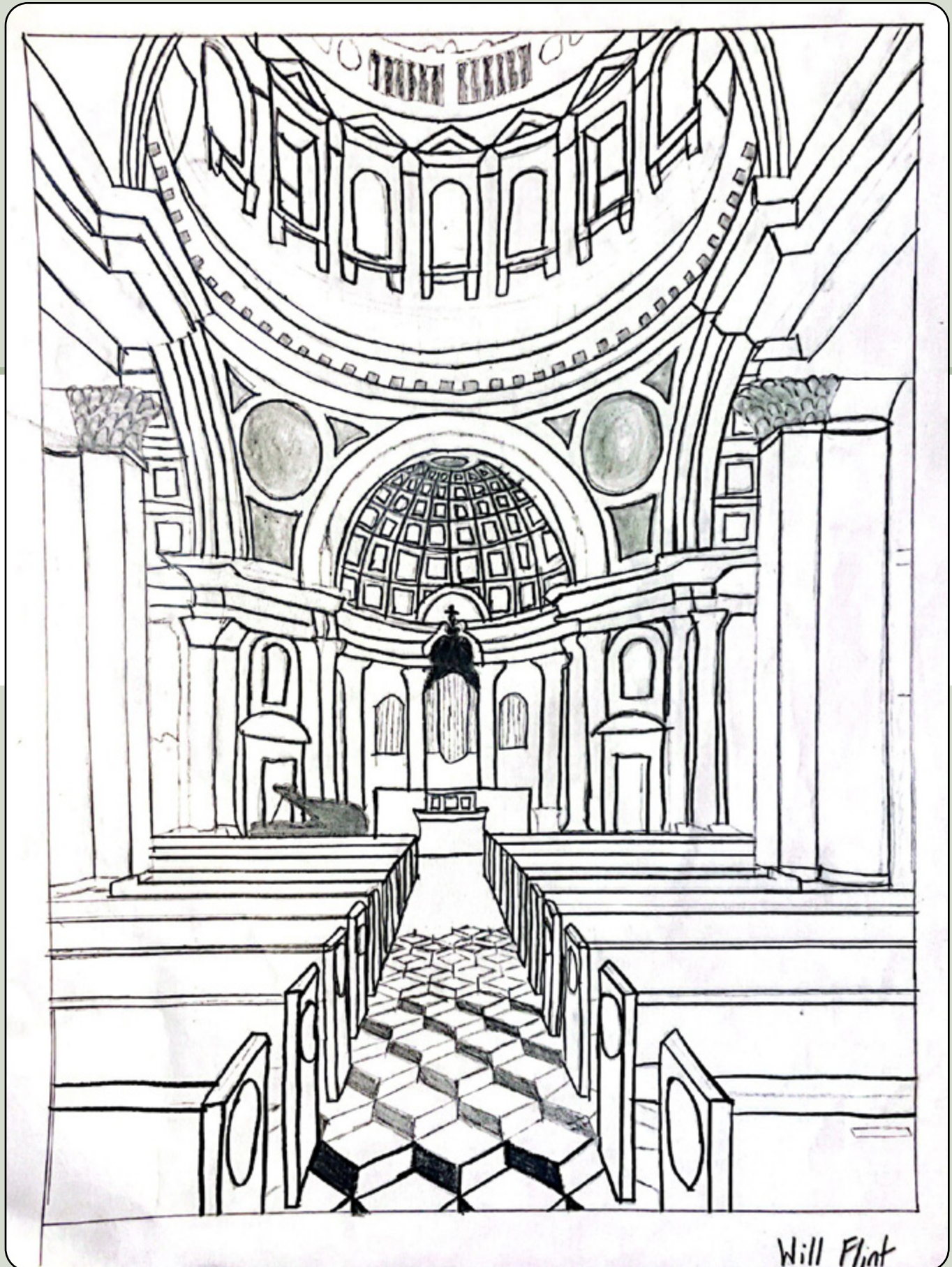
Sketching & Drawing (cont'd)

These Sketches is a series of sketches. Starting with a small end table, to the inteior of Samford's Hodges Chapel.



Sketching & Drawing (cont'd)

My final sketch. Samford University's Hodges Chapel Interior



Adobe Services Work

More skills I have developed while in the program are using Adobe Services such as Photoshop, Indesign, Illustrator and more.

Using Adobe Services, I have done different projects such as “color blocking” spaces, adding scale and realness to other projects or images, and adding ‘pop’ and texture to an image.



“Color-Blocking” Spaces in a Floor Plan



Photoshop: Lighting, Scale Figures, and Artwork



Final Project: Ps Scale Figures, Revit Rendering, Veras Mater.



Illustrator: Texturizing Image