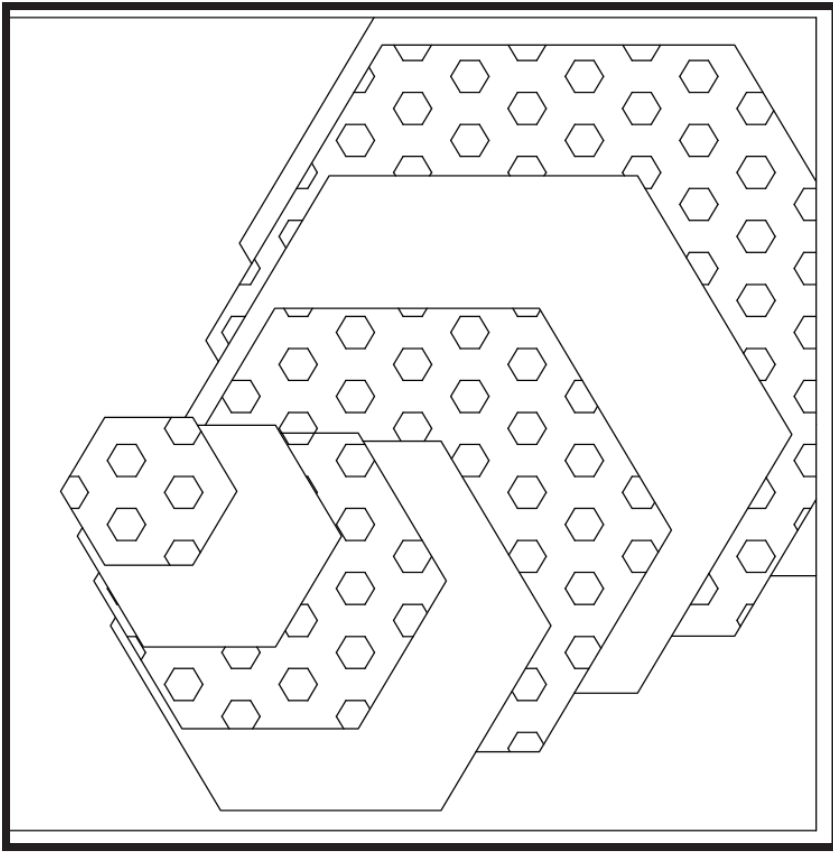


After a long semester of artistic exploits and improving my line work, I have come to know the importance of what drawing brings to the design process. I learned early on the skills required to compose a drawing, but this class brought out a sense of refinement in those skills. I found



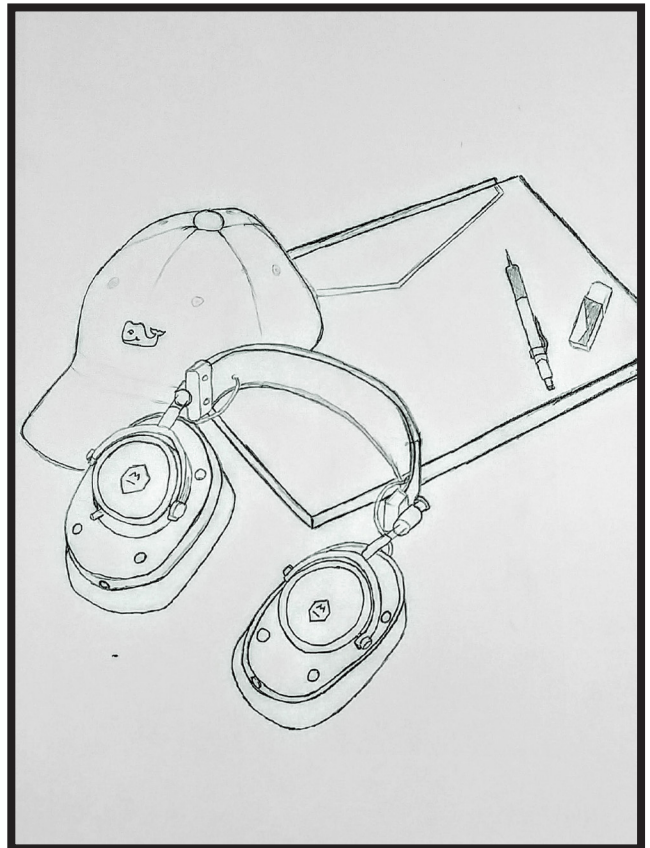
out I can draw hands. Who knew. By learning the process and the thought process behind drawing technics, I was able to create some of my best work this semester. The art process has become integral in my approach to all projects. Drafting, prototyping, and redrafting have become mainstays in how I complete projects in all disciplines.

LAITH BOUIZAR  
ARCHITECTURE PORTFOLIO



1.2  
LINES

2.1  
CONTOURS



# SKETCH 2.1

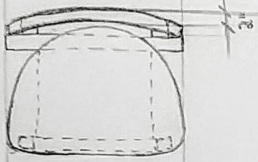
Draw 50 contour drawings of hands and feet.

Each should be done from a different viewpoint and with different hands/feet.

Each drawing should take approximately 3 minutes.



Laith  
Bouizar  
1" = 3/4"



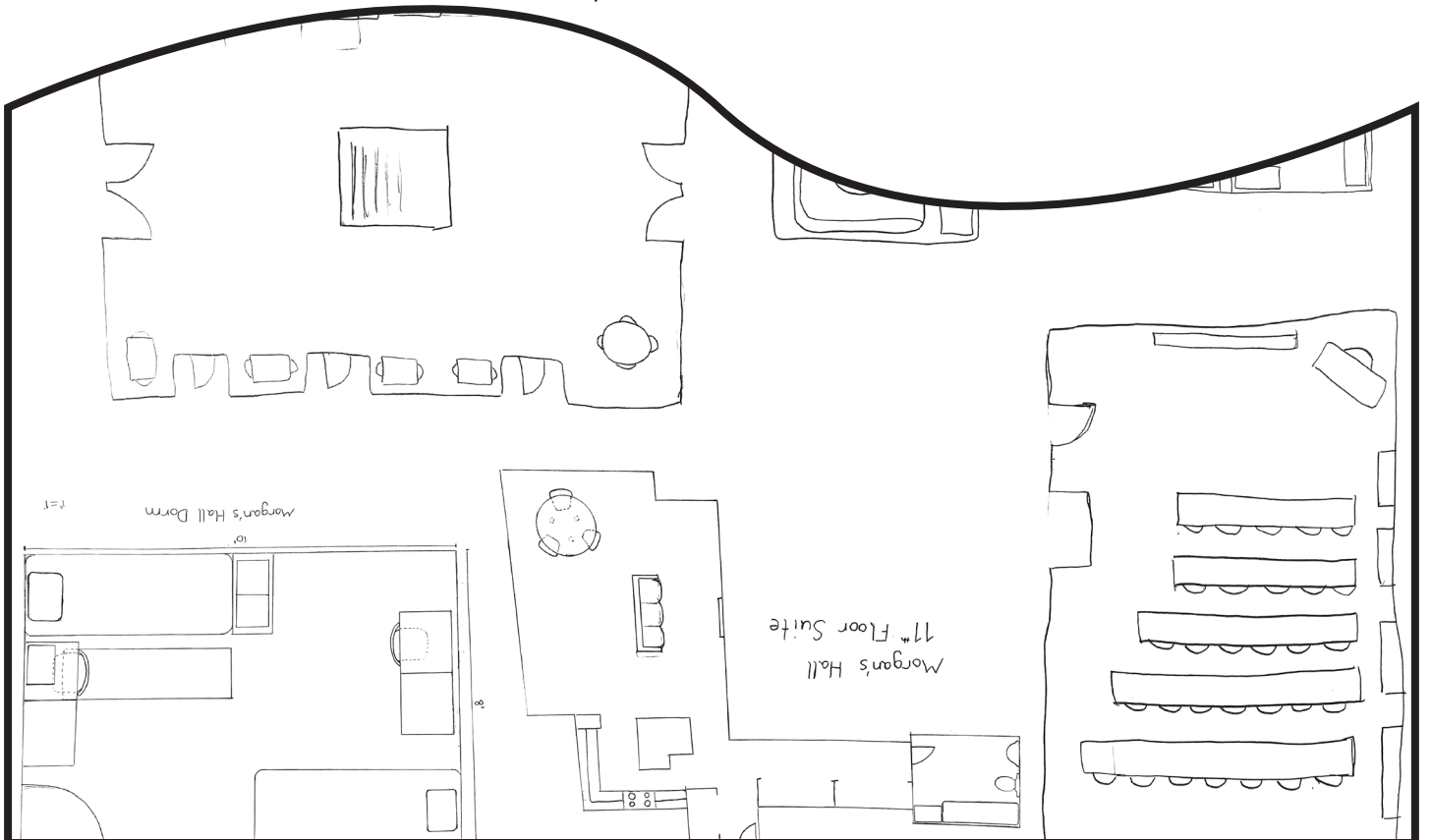
- Top -



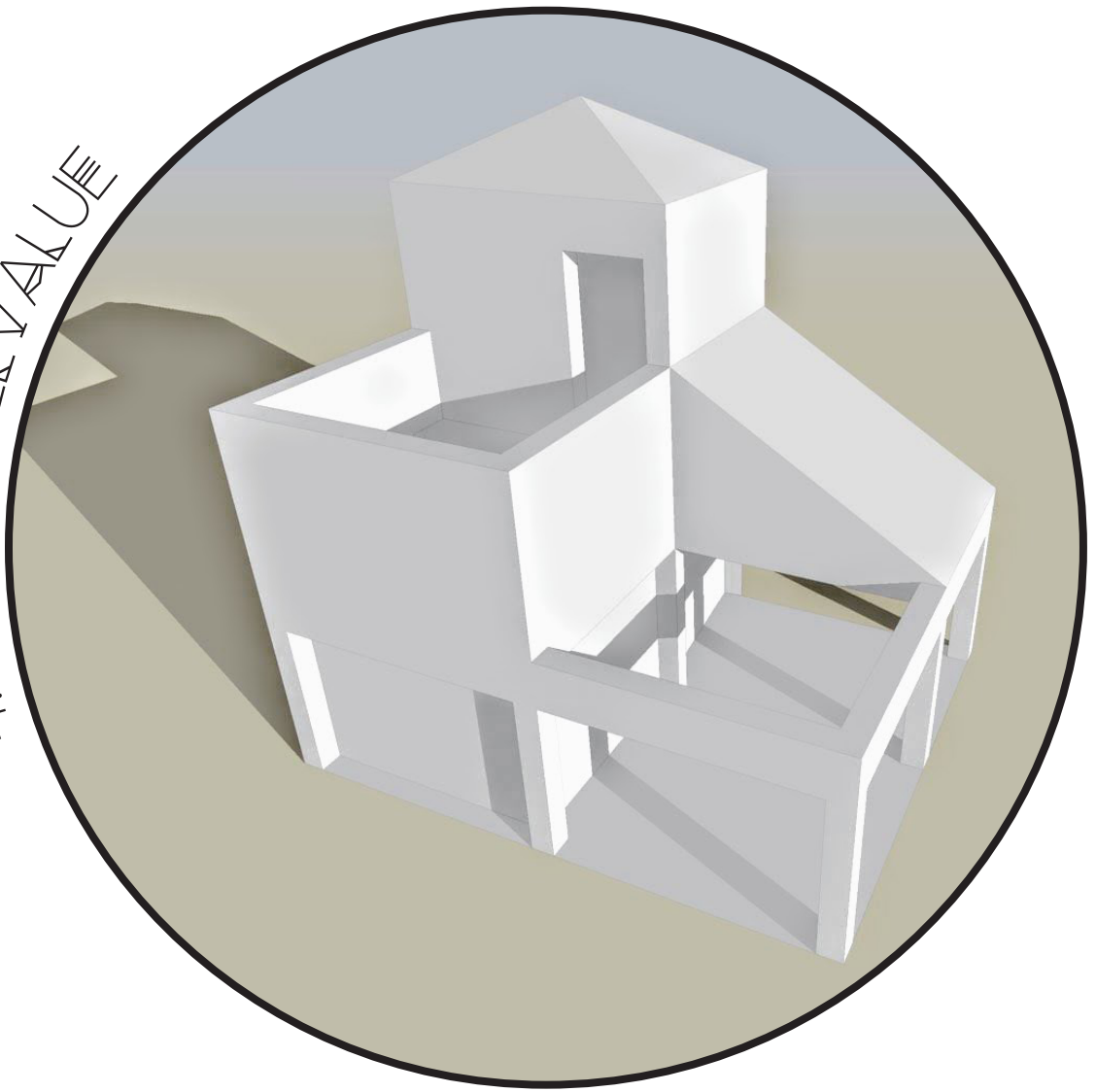
- Right -

3.1 ORTHOGRAPHICS

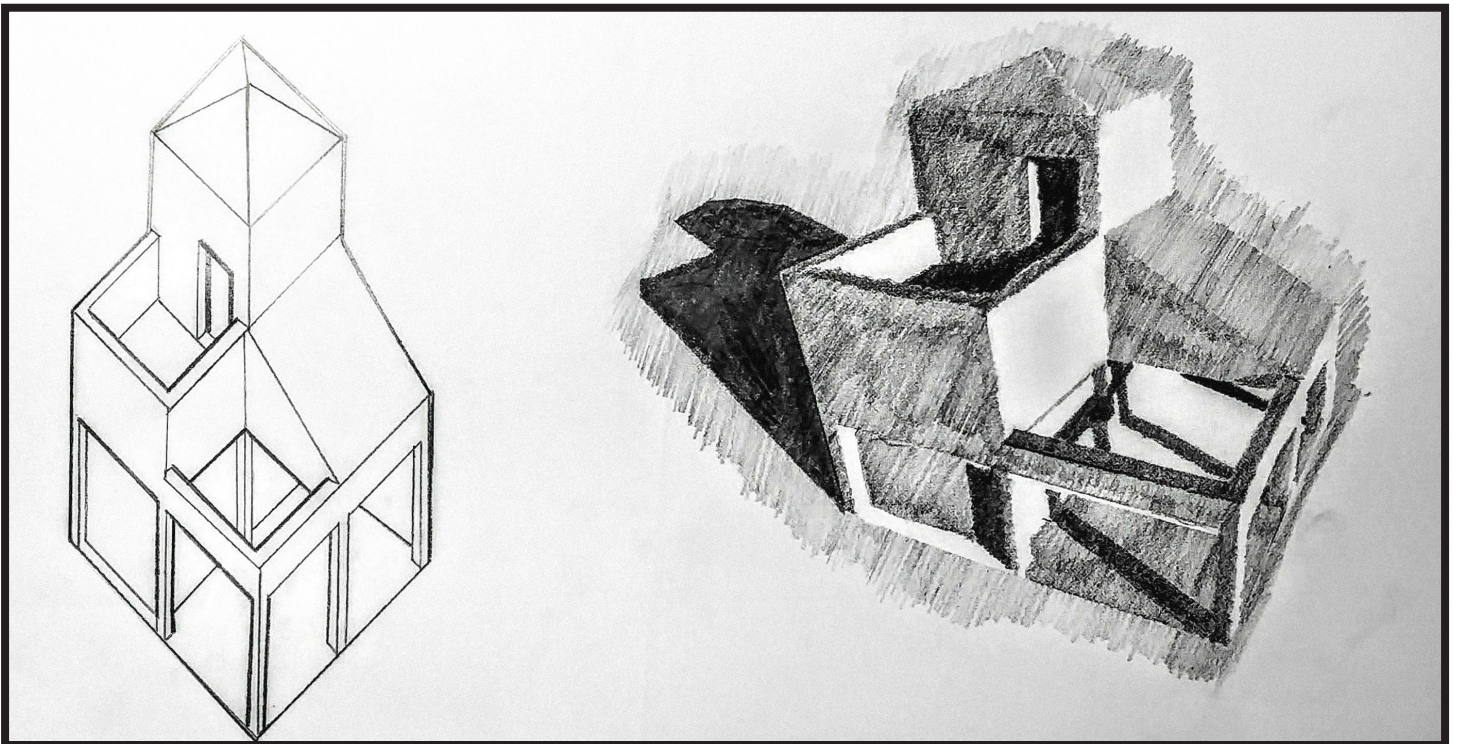
SKETCH 3.1



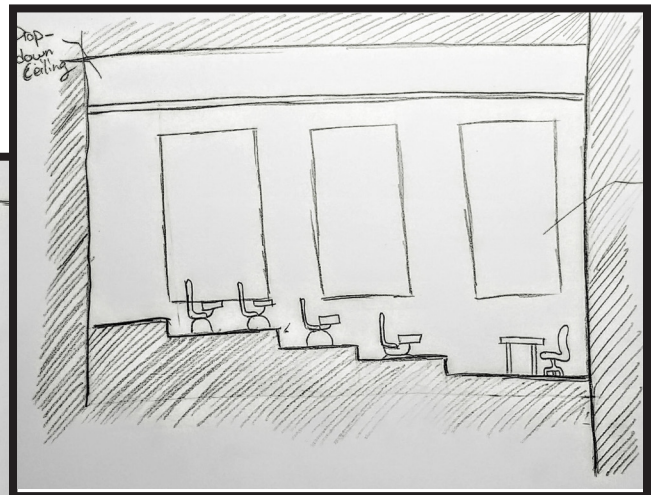
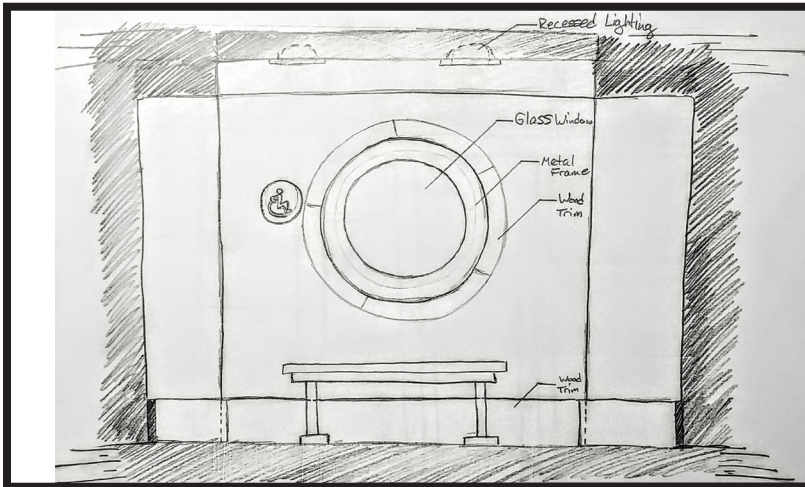
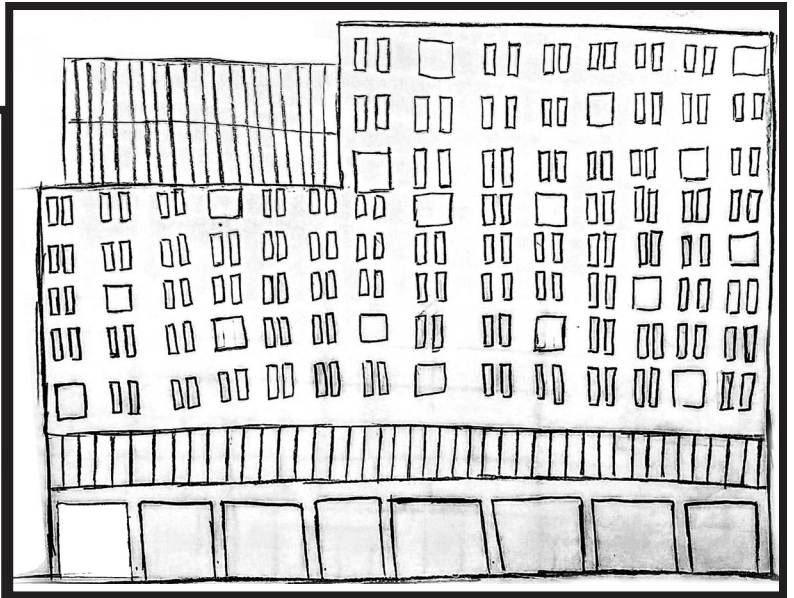
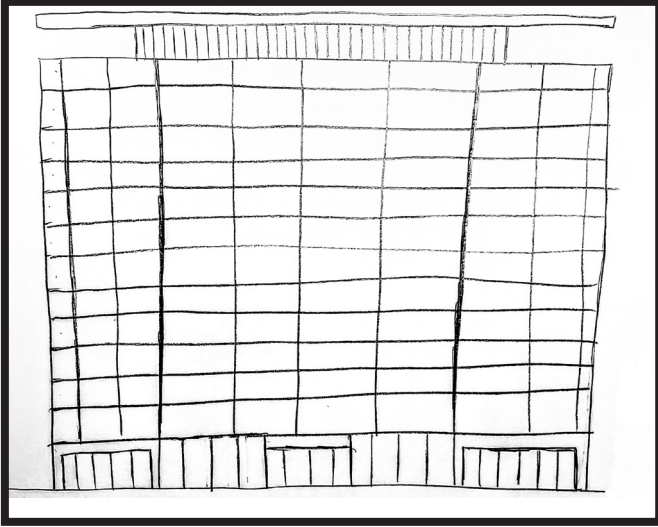
A.2 MODEL VALUE



4.1 AXONOMETRIC



# SKETCH 5.1



# SKETCH 5.2

## 5.2



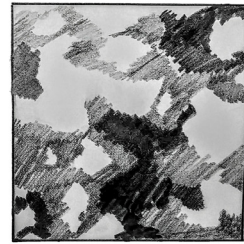
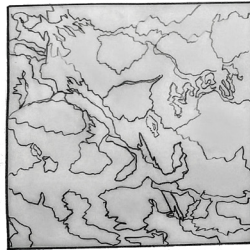
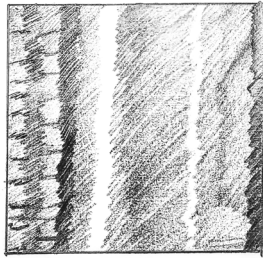
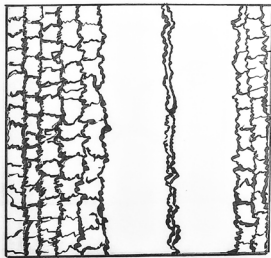
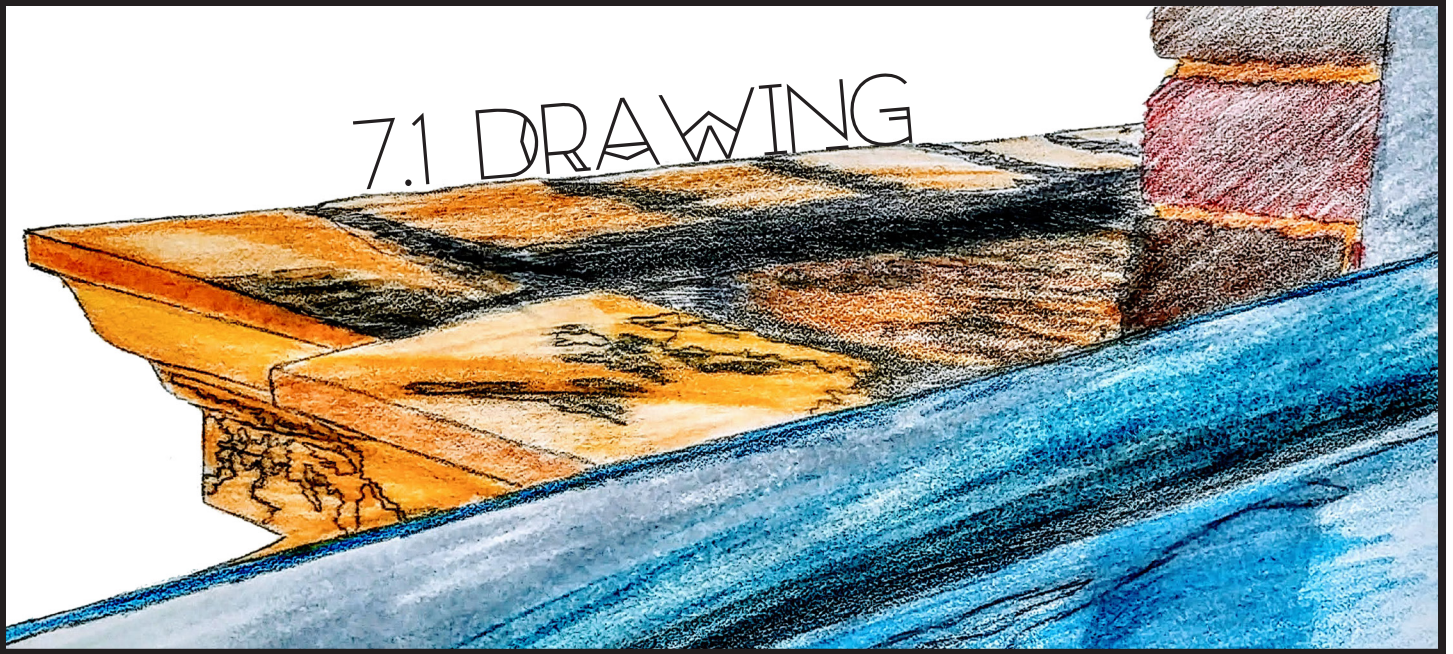


6.1

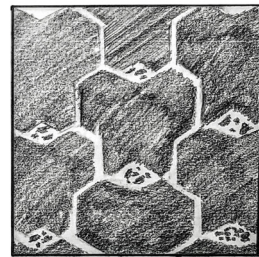
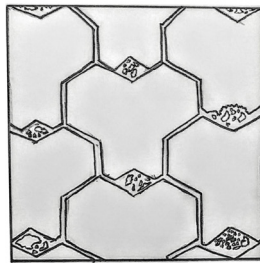
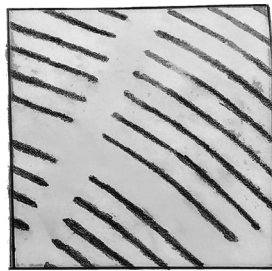
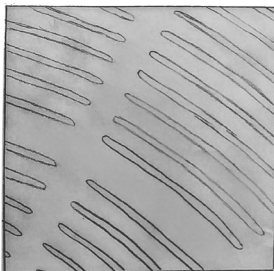
SECTION

RENDERED

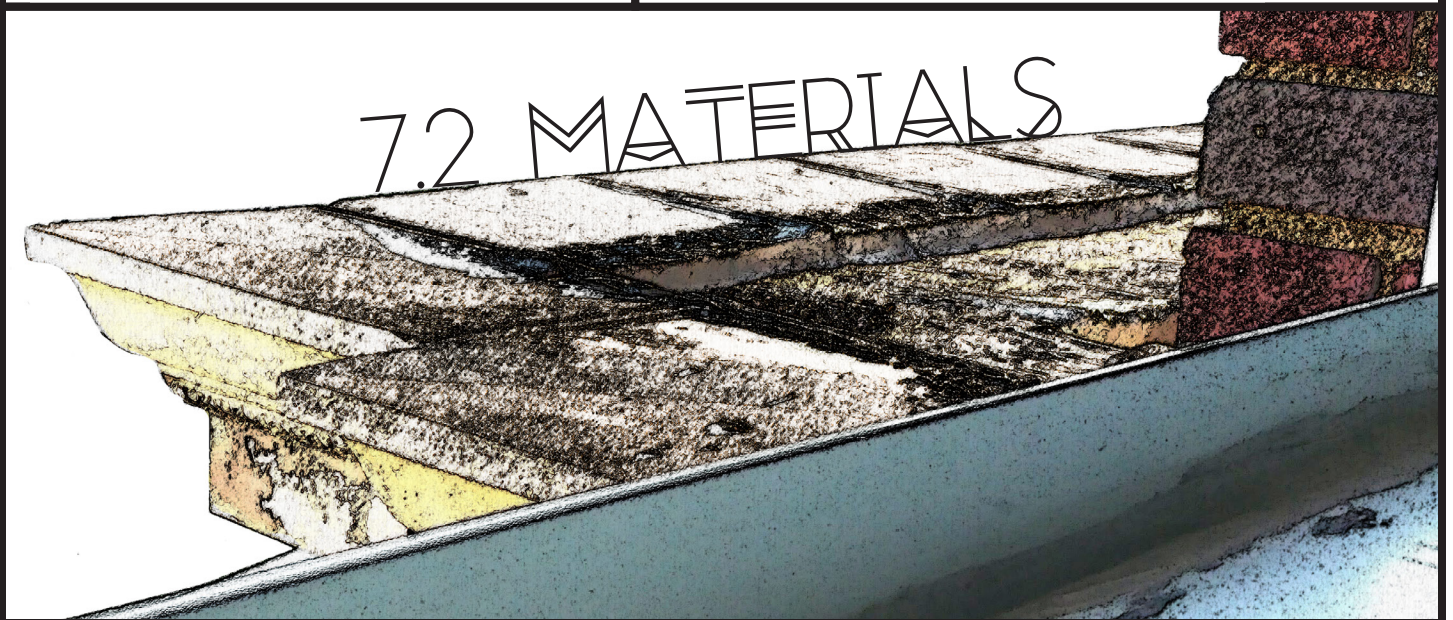
# 7.1 DRAWING



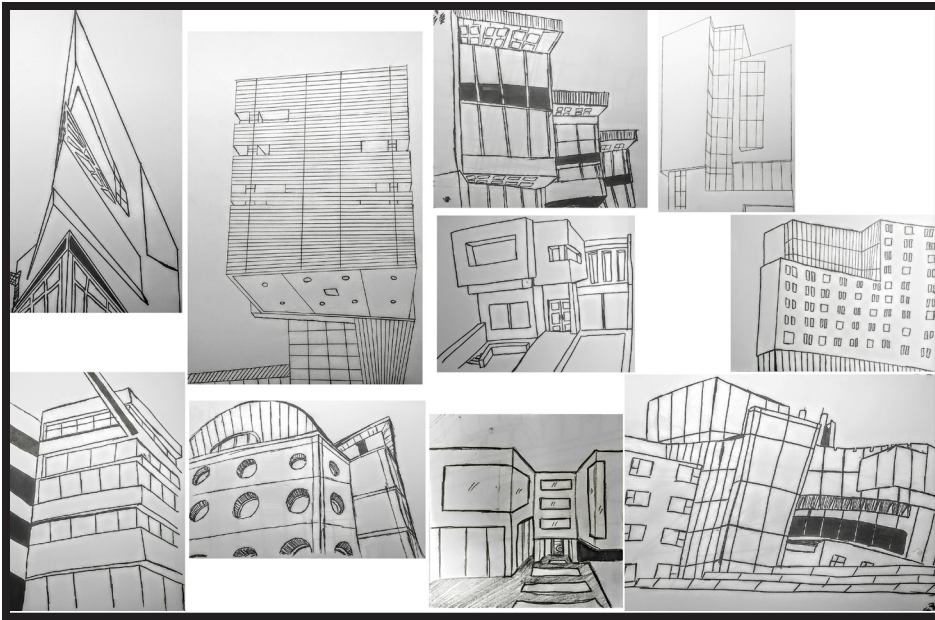
# 7.1 MATERIALS



# 7.2 MATERIALS







8.1

FREEHAND

PERSPECTIVE

8.1 SKETCH





## 9.1 RENDERED PERSPECTIVE



9.1  
RENDERED  
PERSPECTIVE  
CONTINUED



12.1



*These modern stairs connect the first floor of Scioto Hall to the second floor where you can then access either the first floor of dome in Scioto Hall or the walkway to the new dining hall. These stairs are projected to see a lot of foot traffic and were designed to accommodate large amounts of people traveling up and down them throughout the day. They offer a modern design, focused on glass utilization to match the surrounding curtain glass walls of Scioto and adjacent buildings.*

# STAIR RENDERING

13.1



W A T E R C O L O R

# Laith R. Bouizar

## Architectural Engineer

**Address:** 5620 Ravenel Lane  
Springfield, Virginia  
22151-2429

**Email:** bouizarl@mail.uc.edu

**Number:** (703) 593-1007

### Skills:

**Revit** Certified

**AutoCAD** Certified

**Inventor** Certified

**3DS Max** Certified

- Proficient in **Archicad**
- Proficient in **SketchUp**
- Proficient in **Adobe Suit**
- Proficient in **MATLab**
- Adept **Computer Building**
- Conversational **French Speaker**

## Education

**University of Cincinnati**

**Class of 2022**

- Bachelor's of Science in  
Architectural Engineering

### Completed Classes Include:

- Advanced CAD Drawing
- Programming
- Physics: Mechanics, E&M
- Engineering Models 1 & 2
- STEM Engineering
- Calculus 1 & 2

**Tulane University Summer Academic**

**July 2015**

### Exploration Program in Architecture

- Prepared submission to Architecture program based on Art classes and CAD drawing

**Lake Braddock Secondary School**

**2011-2017**

## Work Experience

### Freelance Architect | Springfield, VA

- Completed Design for a Moroccan Beach house that is currently undergoing construction. The house was made with the assistance of certified architects from Morocco and the US.

### Best Buy Sales Representative | Vienna, VA

- Audio, Gaming and Home Theatre
- Customer Service and Consultations

## Activities

- **Construction Student Association (CSA)**
  - 1st Place | New Builders Residential Team 2018
- **Architectural Engineering Institute**
- **DAAP Pro Team for 3D Printing and Laser**
- **Technology Students Association of LBSS**
  - Architectural Design Team Leader
- **Team 2421 FIRST Robotics Club of Springfield, Virginia**
  - Head of CAD design and 3D systems
- **Massanutten Ski Team**