

# Master of Architecture Admissions Portfolio

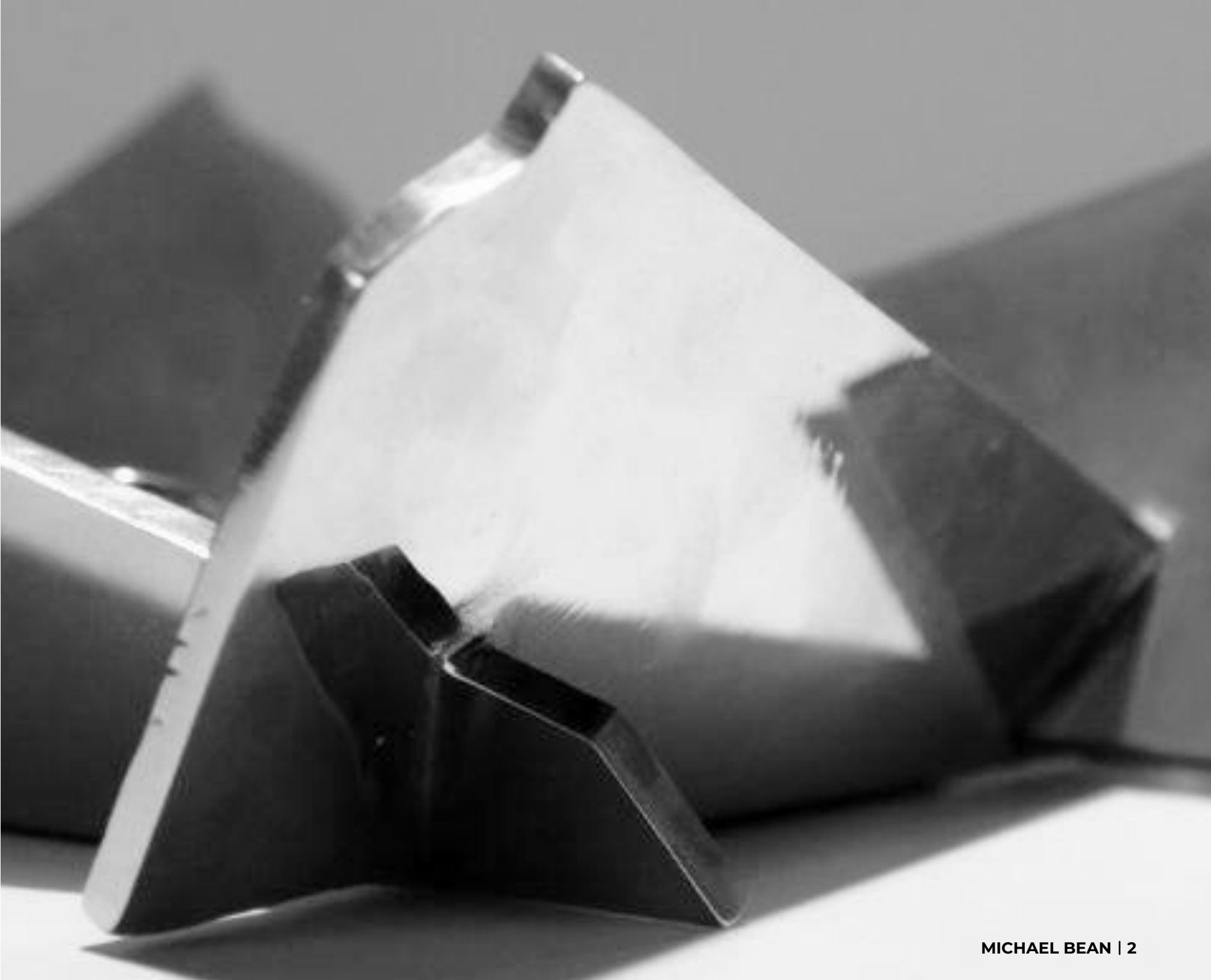


Michael **Bean**

University of Calgary  
2023

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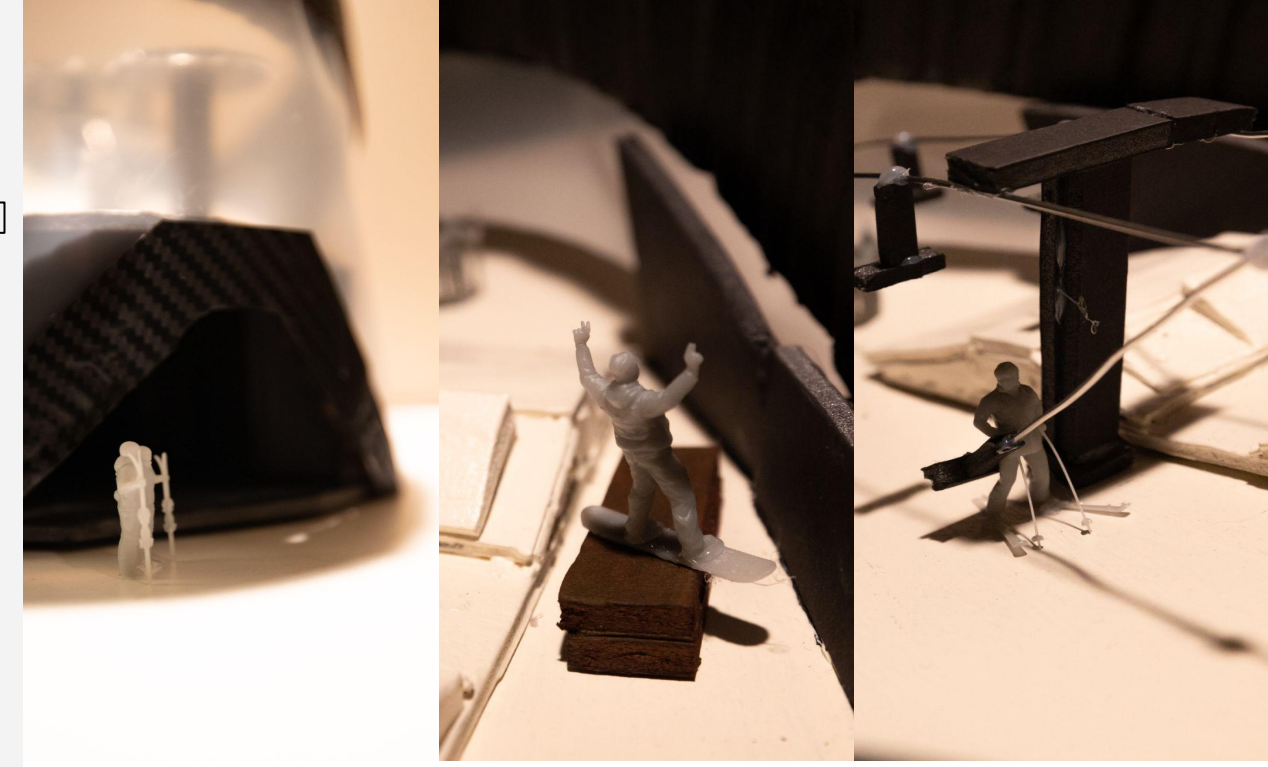
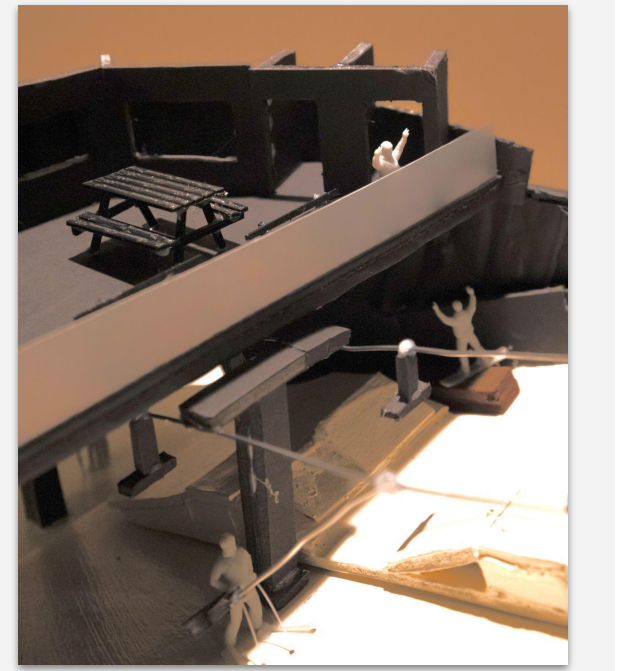
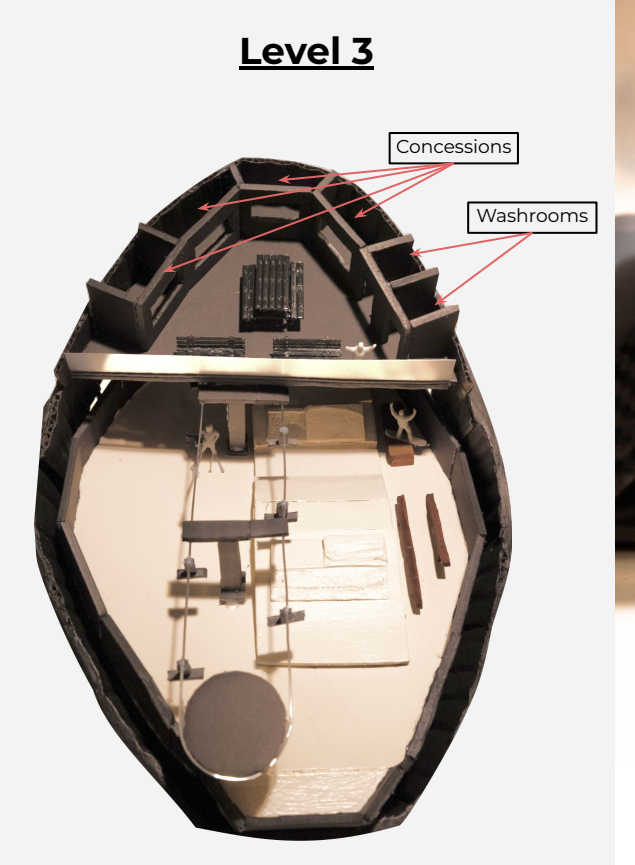
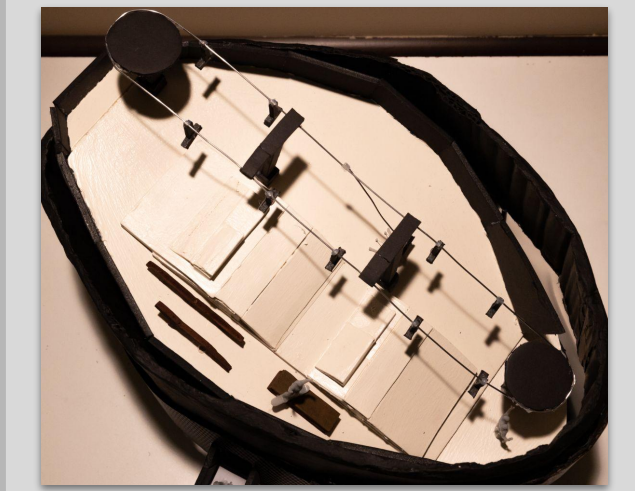
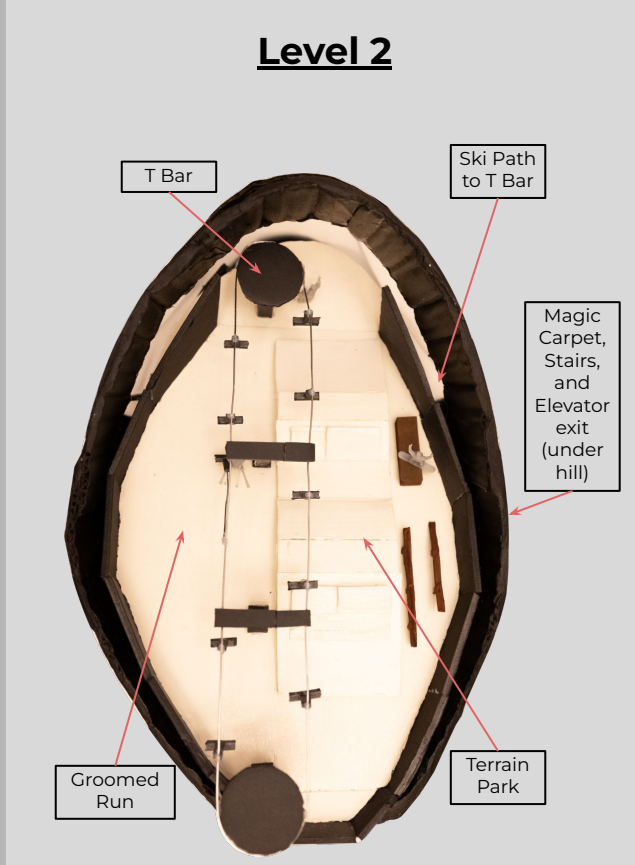
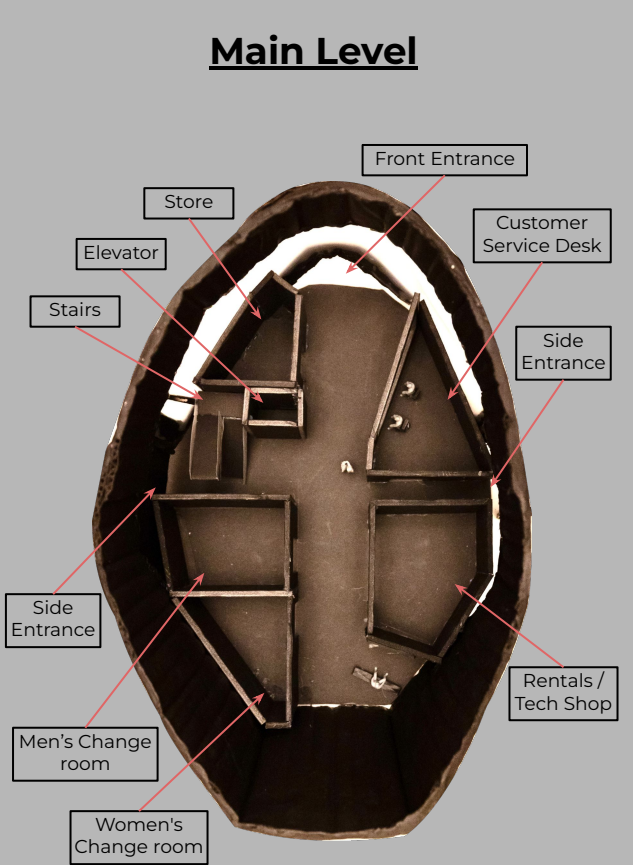
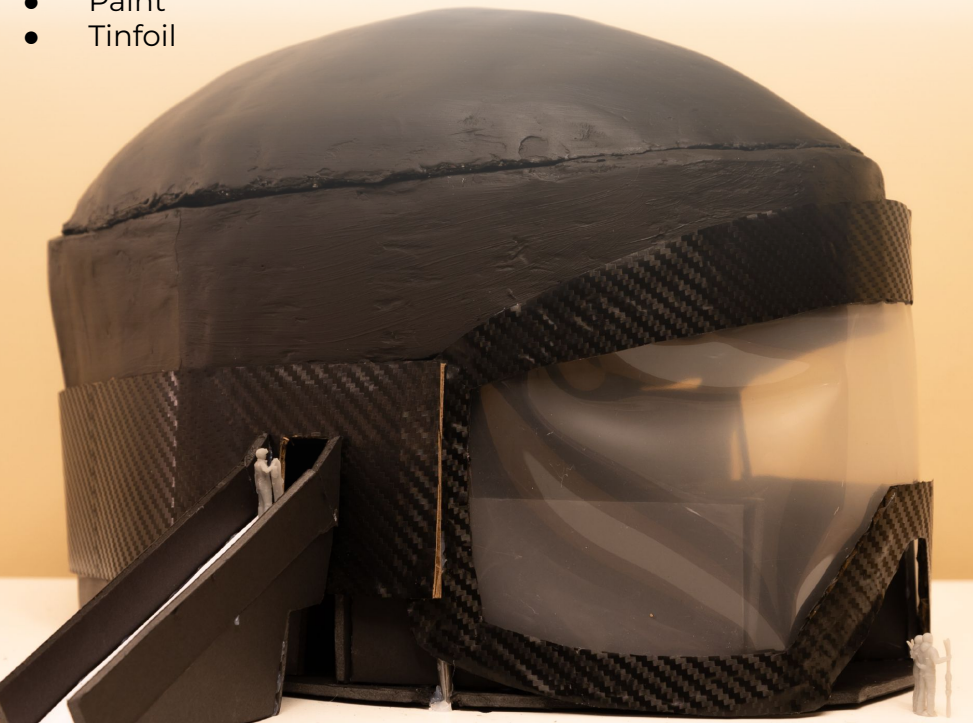
# The Shred Dome

“Designed by a snow sports enthusiast, for a snow sports enthusiast”

The Shred Dome is an indoor ski and snowboard facility, allowing skiers and boarders to experience the fun of snow sports year round. The facility is designed in the shape of a helmet and goggles, giving patrons an immersive snow experience like no other.

The facility consists of three levels with client services/amenities on the main level, the ski hill on the second level, and the concessions/lounge on the third level.

- Medium**
  - Cardboard / poster board
  - Clay
  - Paint
  - Tinfoil
- Work Type**
  - Personal - Individual Project
- Duration**
  - 2 Months



**Design Process**

Labels: Lvl 1, Lvl 2, Lvl 3.



# A Frame Modern Cabin



Front



Right



Left

### Medium

- Poster Board
- Plastic
- Modeling Foliage
- Modeling Tape

### Work Type

- Personal - Guided Project

### Duration

- 2 Days

The intention of these projects was to familiarize myself with the methods and design process required to create 3D models to scale.

Although modern technologies such as Revit and 3D printing has largely replaced hand crafted models, it is important to remember and understand traditional methods. I look forward to progressing these skills and practicing more advanced techniques throughout my degree.



Front



Right



Left

### Medium

- Poster Board
- Plastic
- Modeling Foliage
- Modeling Tape

### Work Type

- Personal - Guided Project

### Duration

- 2 Days





# 4WARD

With the rapid evolution of fashion trends, I wanted to design something original, where the brand “FORWARD” is truly sewn into the clothing.

FORWARD or “4 WARD” signature T-shirts involve an original design where the “4” determines the shirt’s signature cut. Sleeve and bottom seams follow the shape of the number, creating a unique fit.

FORWARD would feature multiple clothing facets including T-shirts, pants, and overalls.

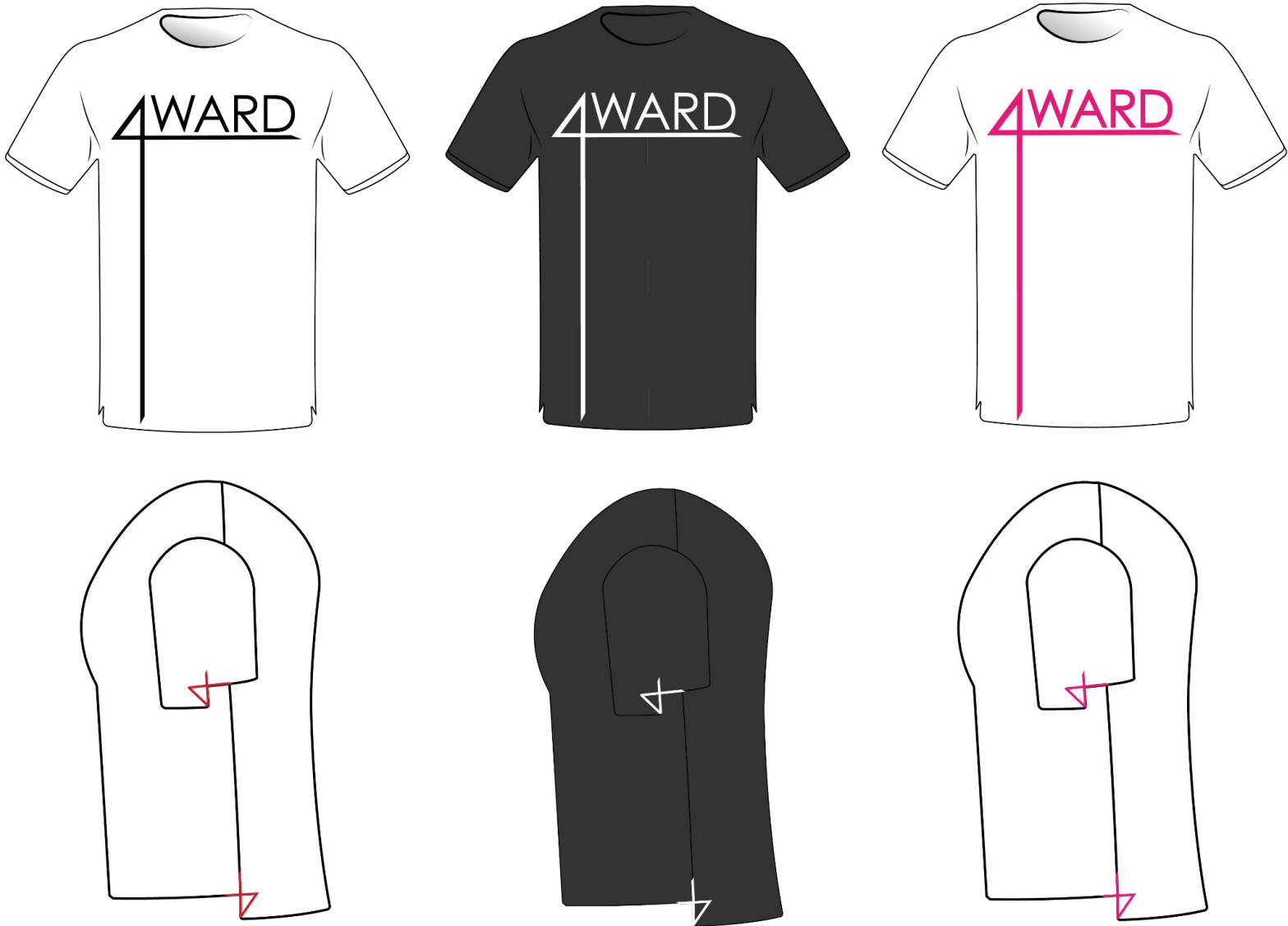
“Through all of life’s challenges, it is important to remind yourself to keep moving FORWARD” - Michael Bean

- Medium**
- Adobe Illustrator

- Work Type**
- Personal - Individual Project

- Duration**
- 1 Month

4 WARD Signature T-Shirts



FORWARD Skull T-Shirts





FORWARD



FORWARD Overall Collection



BOTTOMS

FORWARD 3M Pants





# Revit - Residential House Design

Although traditional drafting will always have importance, clients today expect digital designs and elegant renderings. This residential house represents my first project using Revit.

My goal with this project was to implement all the elements learned through my online training. This project features an original design and incorporates the majority of Revit's core features. I enjoyed bringing my design to life with furniture, appliances, and some custom families (e.g., countertops). I look forward to advancing these skills developing more complex projects with Revit and other design softwares.

**Medium**

- Revit

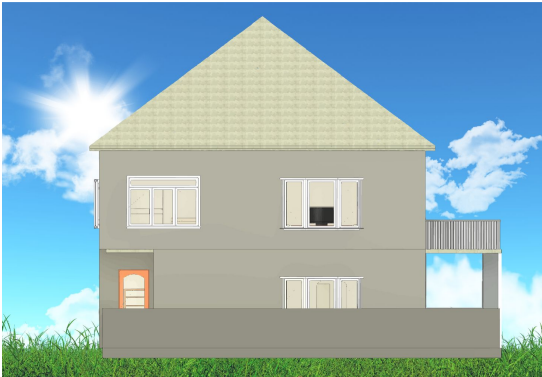
**Work Type**

- Personal - Individual Project

**Duration**

- 2 Weeks

North View



East View



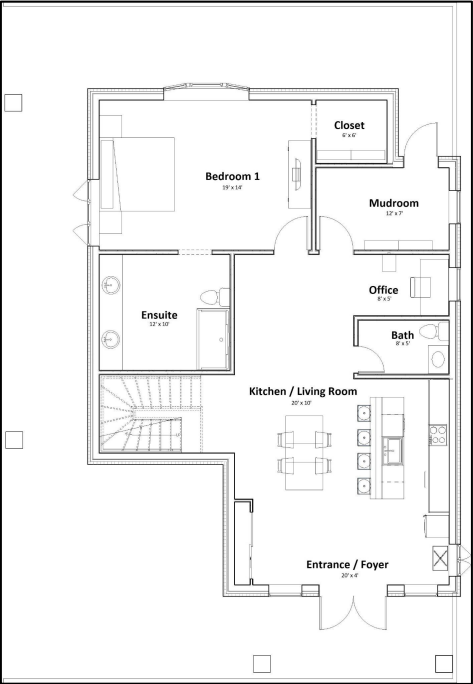
South View



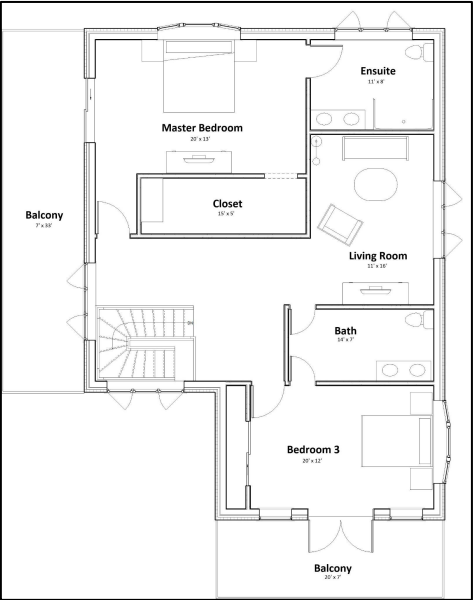
West View



Main Level



Second Floor





# Metal Work

## The WEDGE Jewelry Dish

Stainless steel jewelry dish featuring an original quad wedge design. The dish's interior features a matt finish while the exterior features a gloss shine.

Perfect for rings, bracelets, and other accessories.

- Medium**

  - Stainless Steel
- Work Type**

  - Personal - Individual Project
- Duration**

  - 1 Week



Prototyping



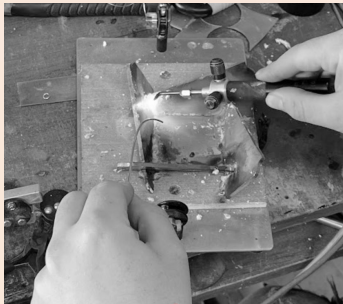
Wood Guide Cutting



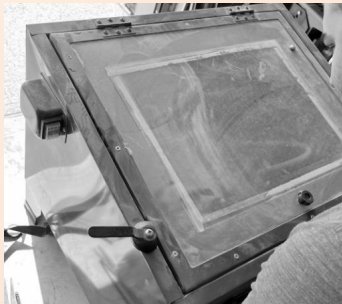
Plasma Cutting



Steel Grinding



Silver Soldering



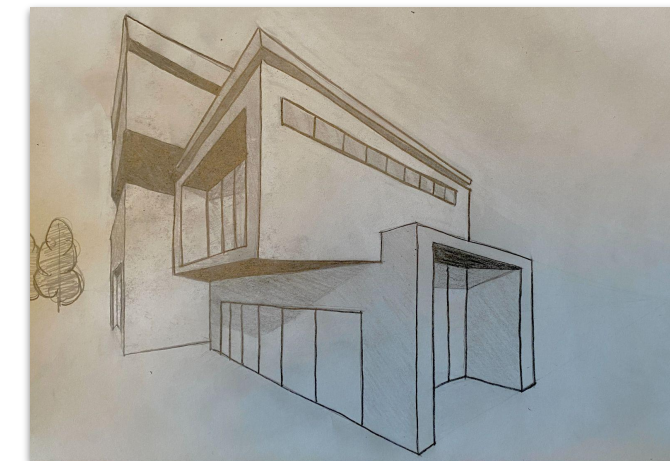
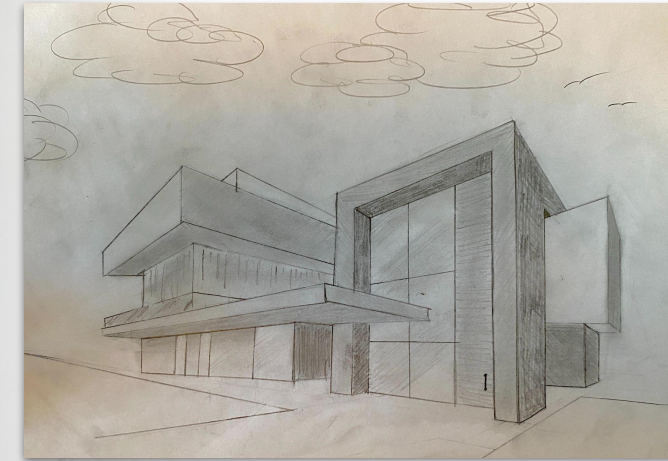
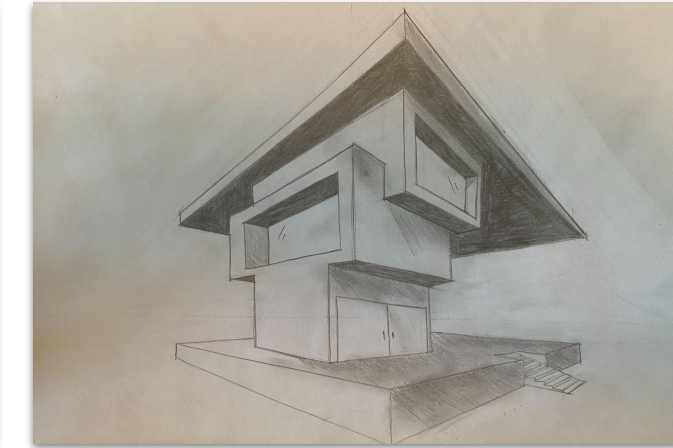
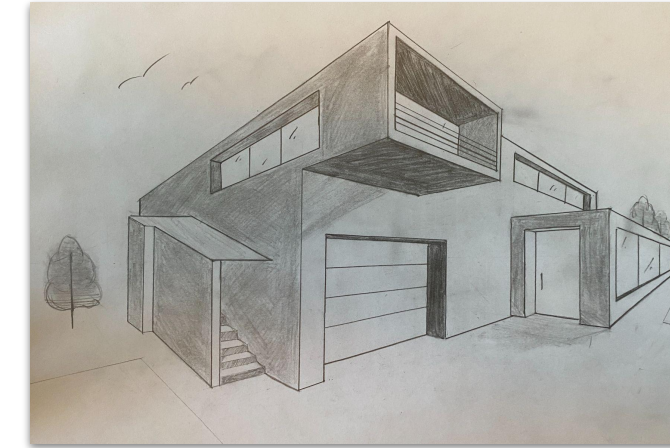
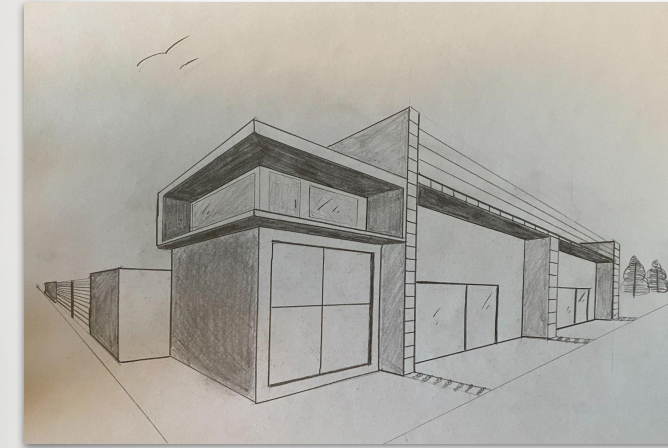
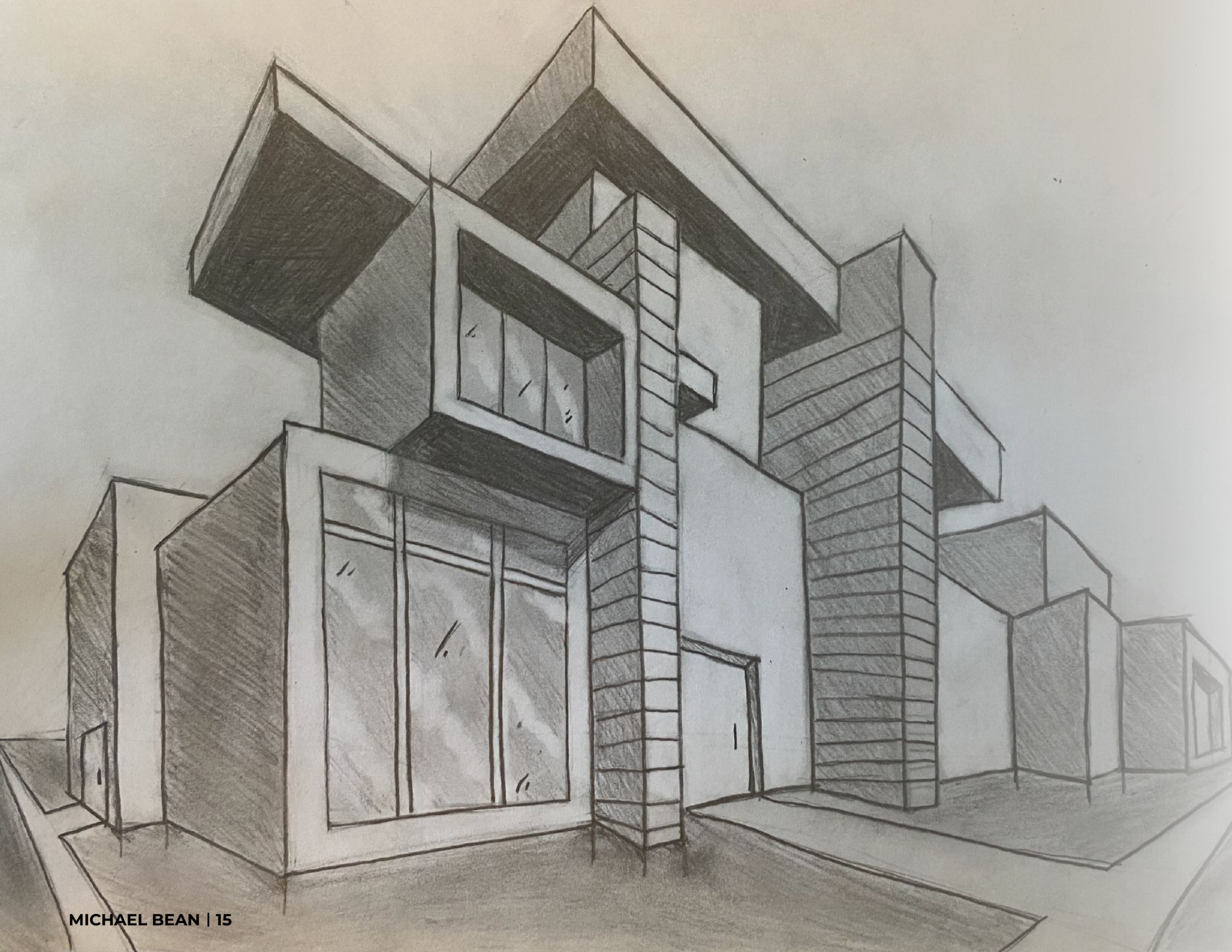
Sand Blasting



Polishing



# 2 Point Perspective House Design



Collection of modern houses drawn using 2 point perspective. The goal with this collection was to learn about perspective, shading, and dimension. Through my degree, I plan to utilize these techniques in order to bring my ideas to life.

## Medium

- Pencil / paper

## Duration

- 1 Day (per drawing)

## Work Type

- Personal - Guided and Individual Project



# Photography and Photoshop

“Above and Beyond”

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“Levitate”



“Beckoning”



“Contemplate”



“Transcendence”

## Guiding Light

This collection explores how photoshop and photo editing can transform an image into something special. I was inspired by the architecture at Calgary's original science centre. Various objects, backgrounds, lights, and perspectives (e.g., drone) were used to create this abstract and interpretive imagery.

### Medium

- Photography

### Work Type

- Personal - Individual Project

### Duration

- 2 Weeks

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“Falling in Love”

**Medium**

- Canvas
- Acrylic Paint
- Adobe Illustrator

**Dimensions**

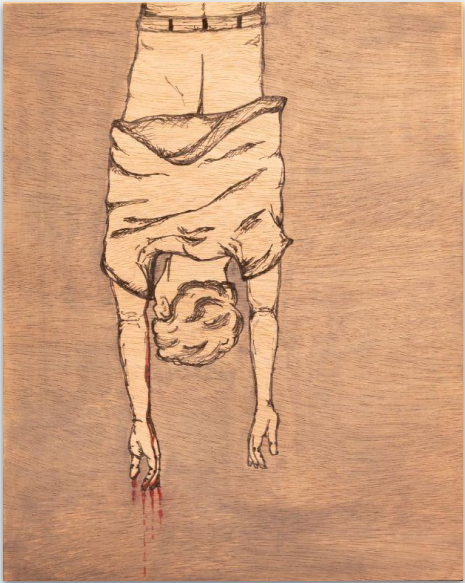
- 20” x 24”

**Work Type**

- Personal - Individual Project

**Duration**

- 1 Week



“FLOAT”

**Medium**

- Wood Panel
- Acrylic Paint
- Pen

**Dimensions**

- 8” x 10”

**Work Type**

- Personal - Individual Project

**Duration**

- 1 Week

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