

ARCHITECTURAL PORTFOLIO

AMMAR WAHEED

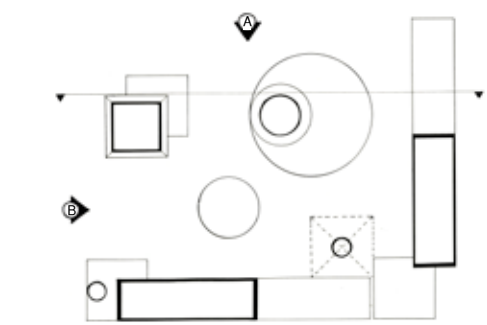
TABLE OF CONTENTS

PROJECTS	PAGES
Still Life	Pg. 4-5
Detail	Pg. 6
Duplo	Pg. 7
Barcelona	Pg. 8-9
Perspective Journey	Pg. 10-11
Form	Pg. 12-13
Community Space	Pg. 14-15
Spatial Sequence	Pg. 16-17
Inspirations Collage	Pg. 18-19
Great Lakes Ecology Center	Pg. 20-29

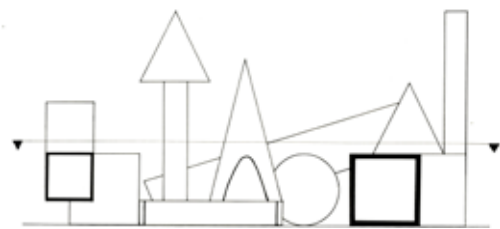
STILL LIFE

Course: ARCH 1121: Architectural Design Communication
Instructor: Emily Bahsam Term: Fall 2018 Duration: 3 weeks

Project Description: Make specific shapes and place them into an interesting and cohesive assortment with shapes resting on top of each other. Then put lighting on it and draw its shadows in pencil, ink, and white color pencils from different views.



PLAN



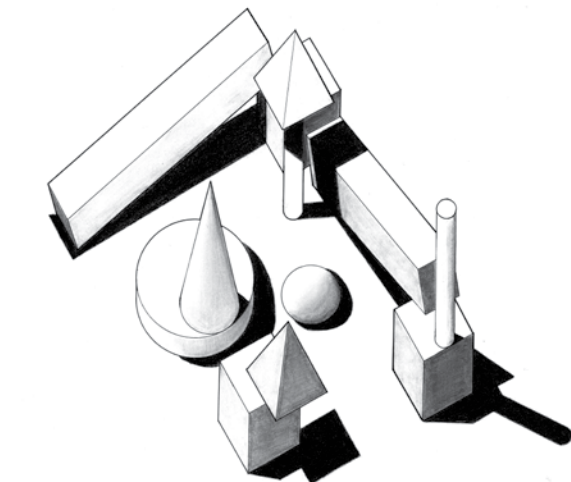
SECTION



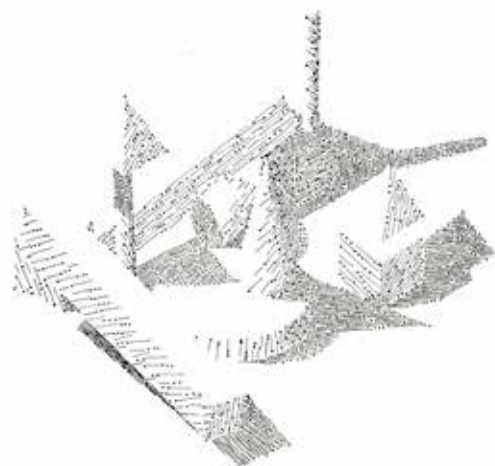
ELEVATION A



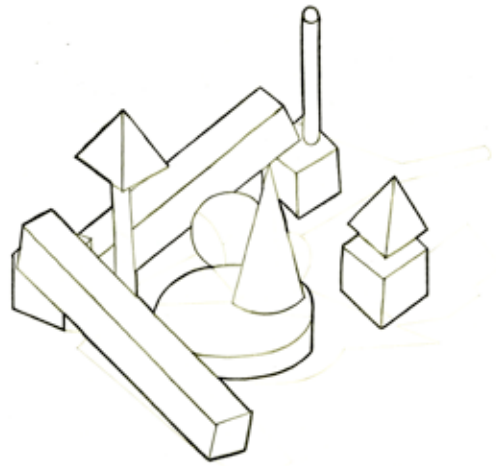
ELEVATION B



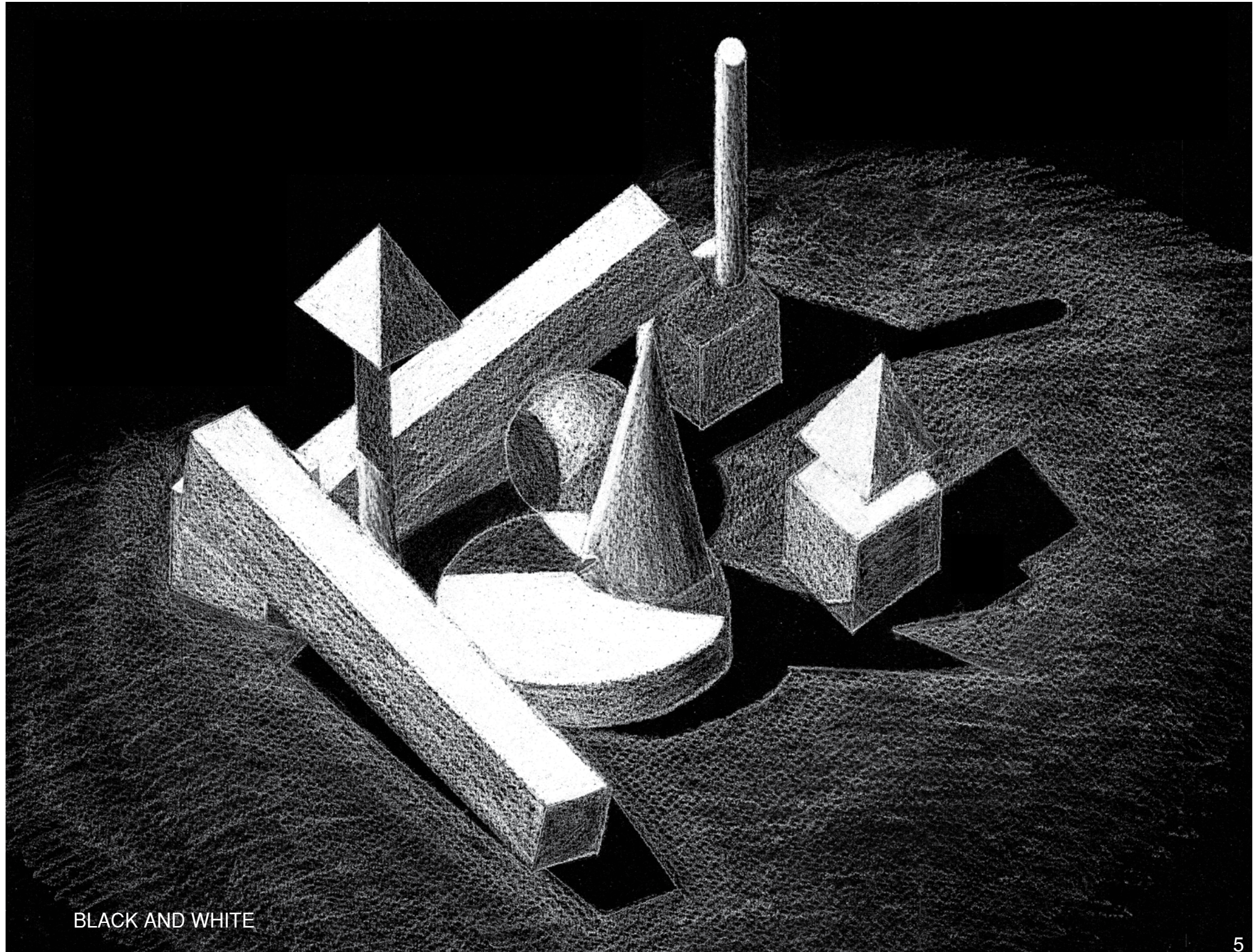
TONED



INK TONED



CONTOUR

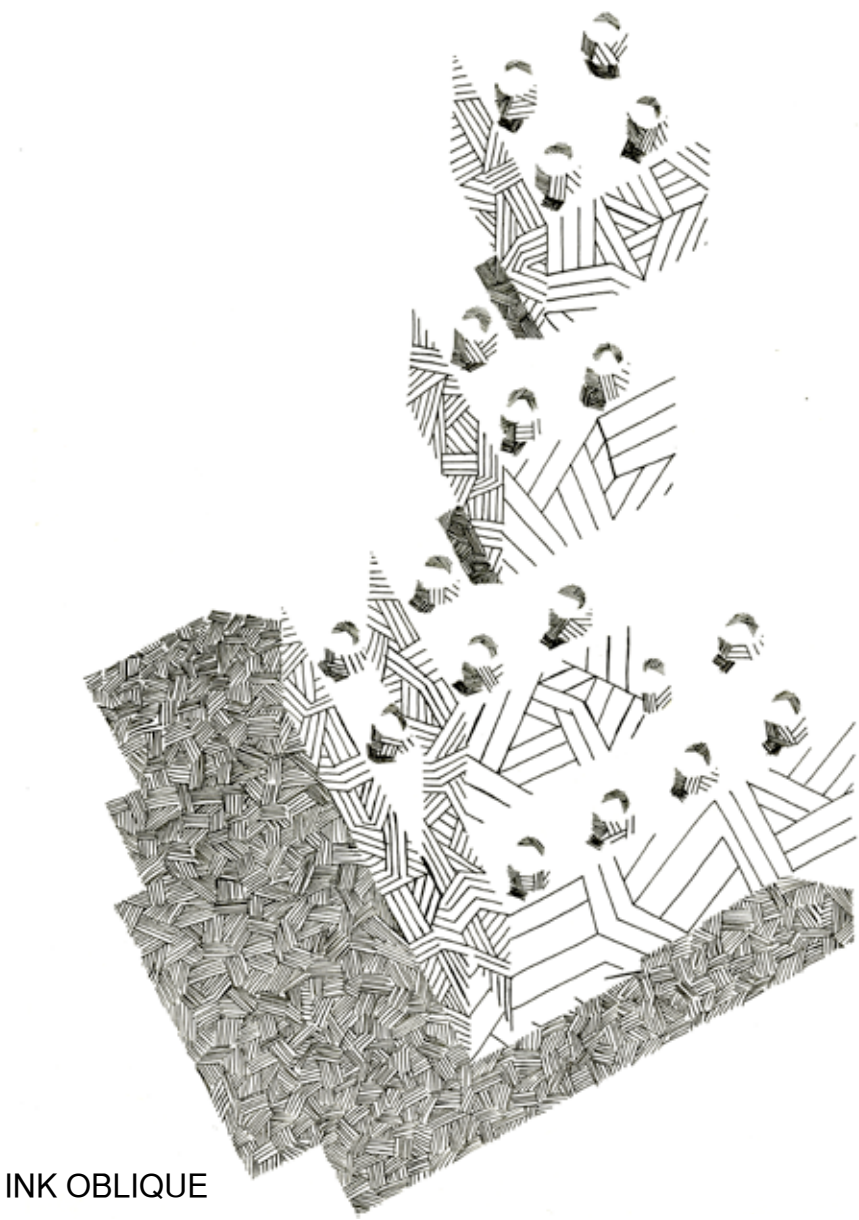
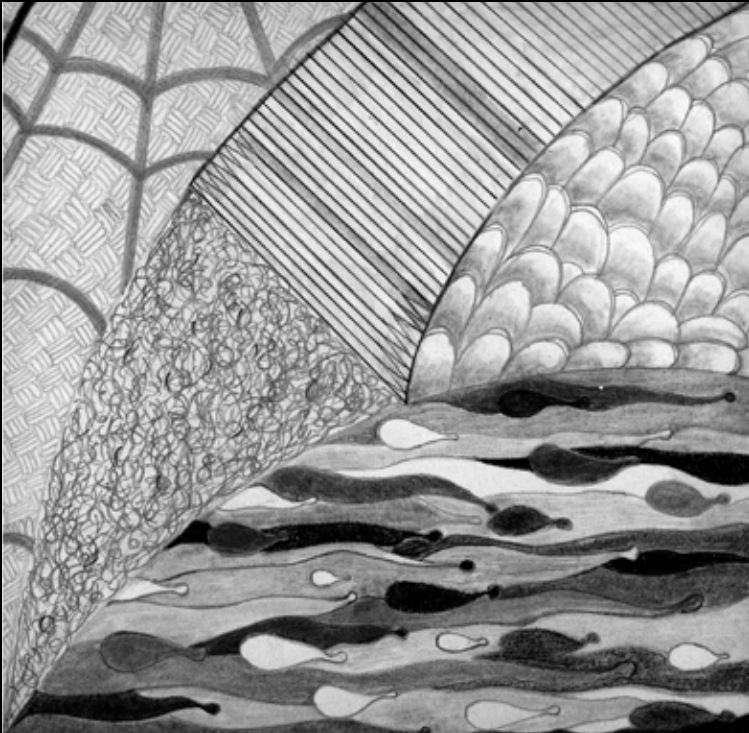
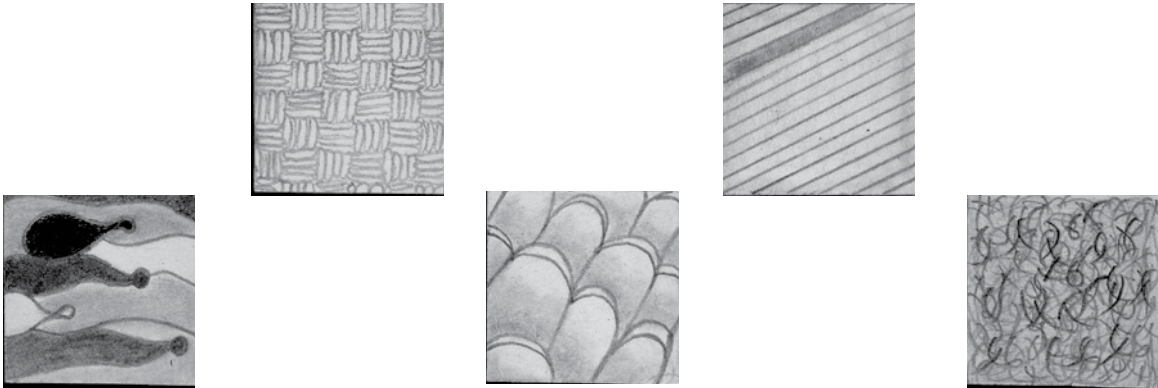


BLACK AND WHITE

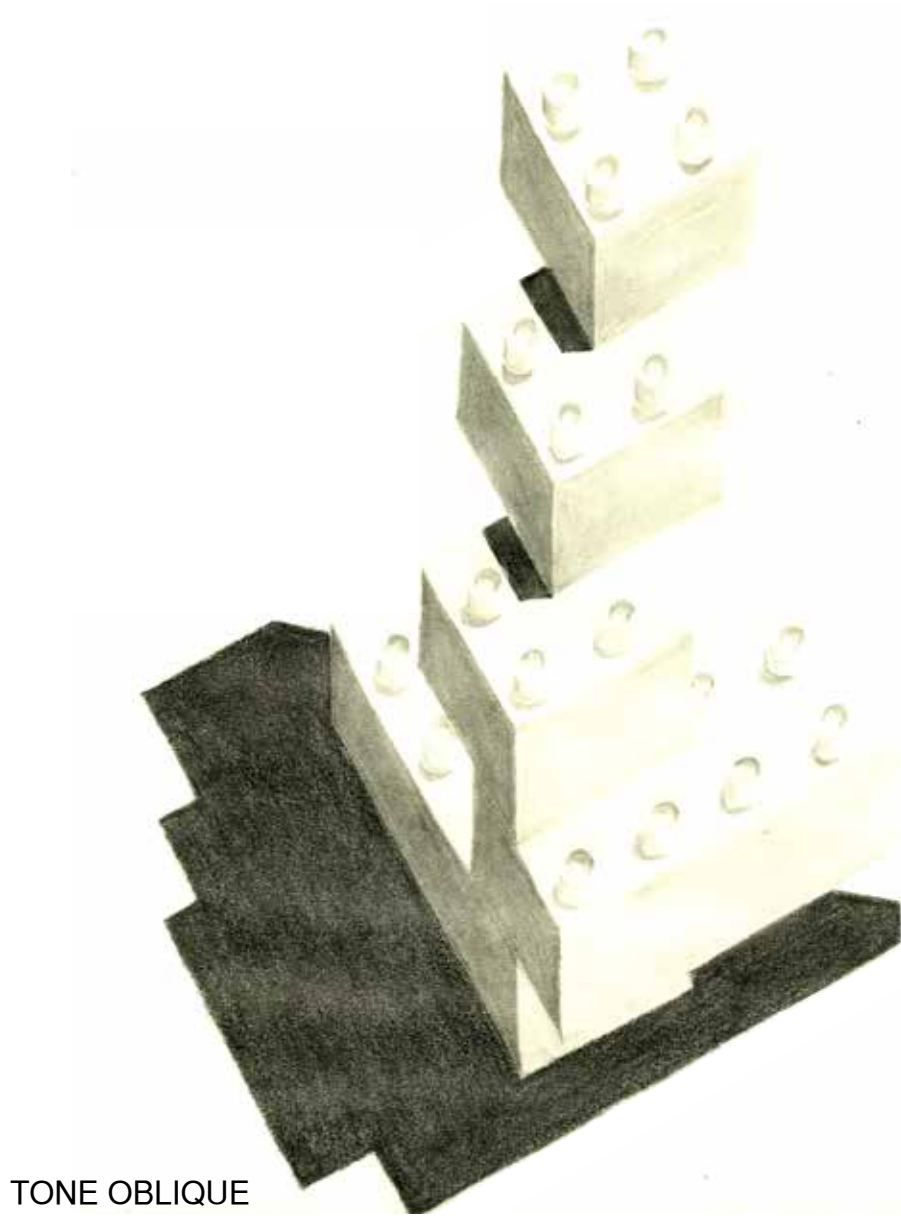
TEXTURE COLLAGE

Course: ARCH 1121: Architectural Design Communication
Instructor: Emily Basham Term: Fall 2018 Duration: 1 week

Project Description: The goal for this project was to put together a collection of interesting materials and explore how their forms and textures create various shades and tones.



INK OBLIQUE



TONE OBLIQUE

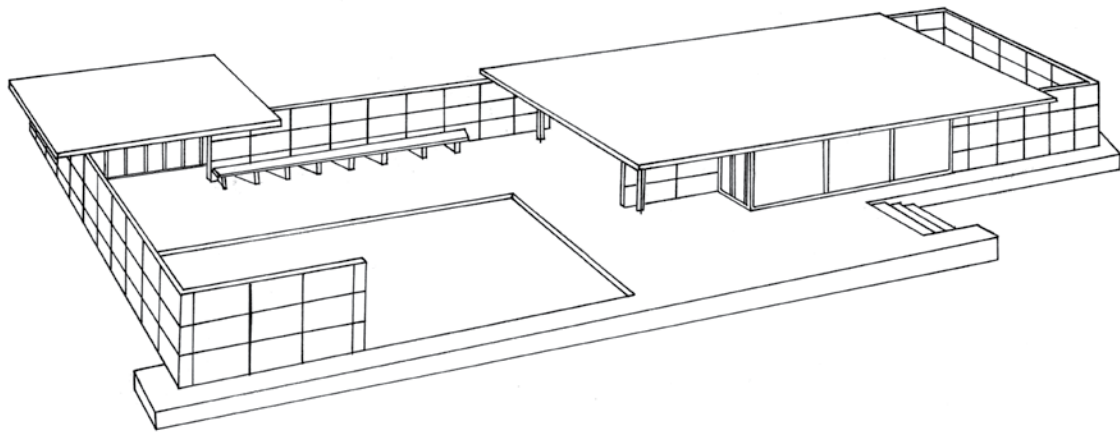
Project Description: As the very first project of the architecture program at the College of DuPage, the focus was on being able to generate free-hand orthographic and paraline views of a simple object. Being able to control proportional relationships in drawing and being able to draw smooth, even and straight lines in a range of line weights and various line types was another focus. In addition, being able to apply even tonal values using a variety of techniques and media was also important.

Course: ARCH 1121: Architectural Design Communication
Instructor: Emily Basham Term: Fall 2018 Duration: 2 weeks

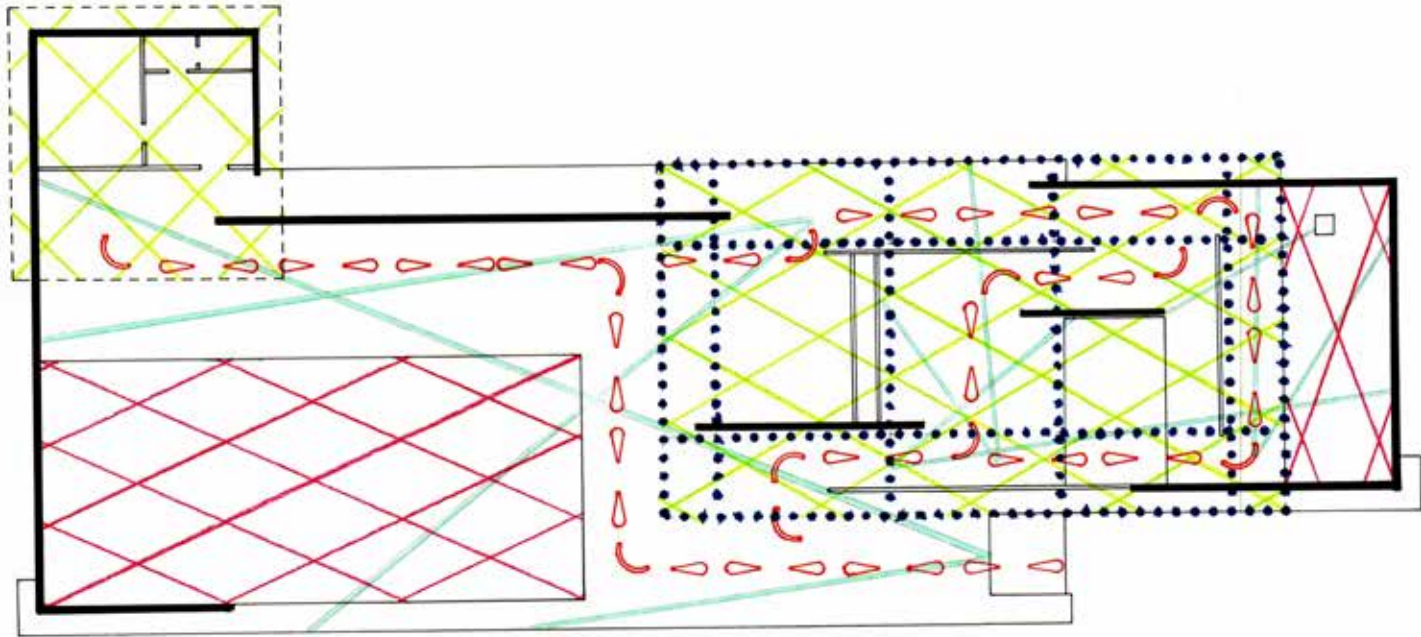
BARCELONA PAVILLION

Course: ARCH 1121: Architectural Design Communication
Instructor: Emily Basham
Duration: 4 weeks

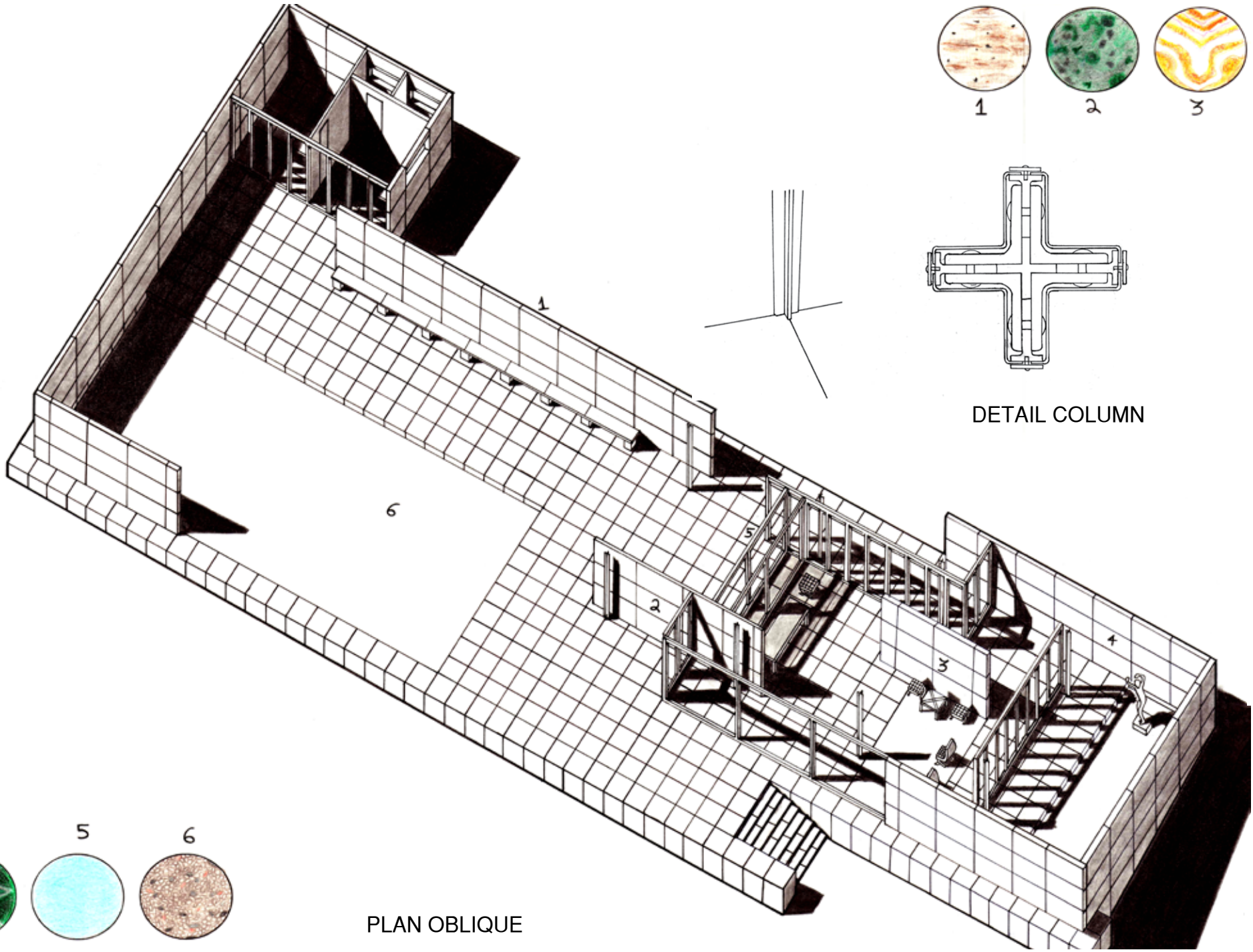
Project Description: Take the Barcelona Pavilion by Mis Vanderouh and explore its architecture. Draw a plan oblique showing shadows and detail bubbles that defined the Pavilion. Hand drawn shadows, diagraming the pavillion and detailing were among the many techniques learned during this project.



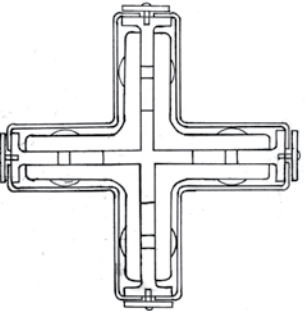
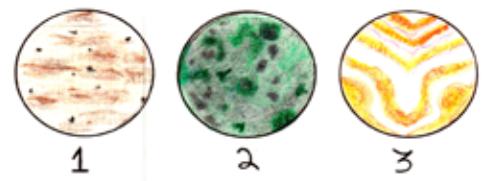
PERSPECTIVE



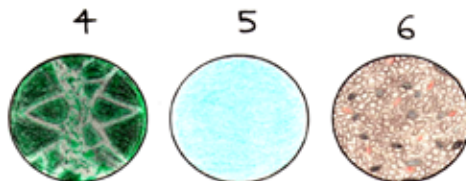
DIAGRAM



PLAN OBLIQUE



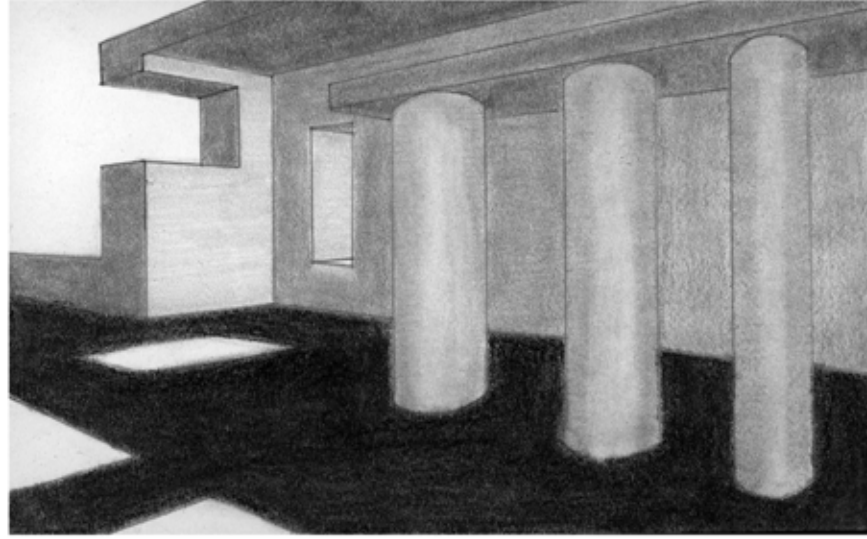
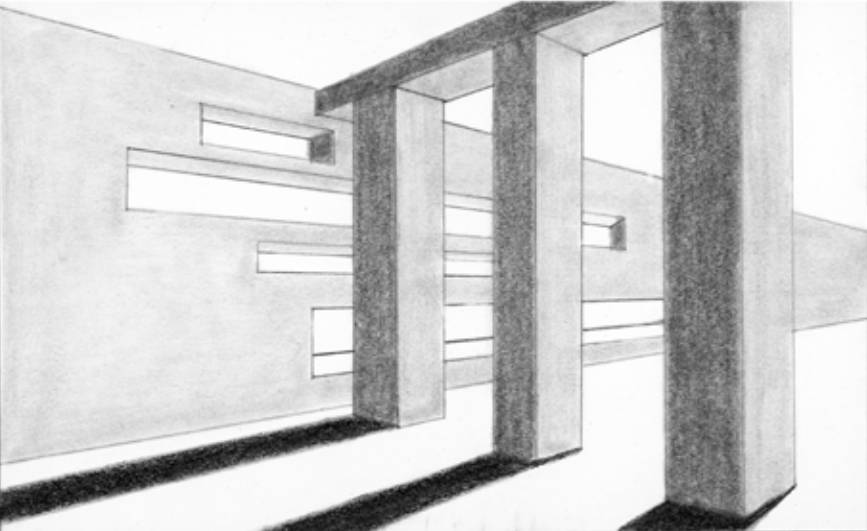
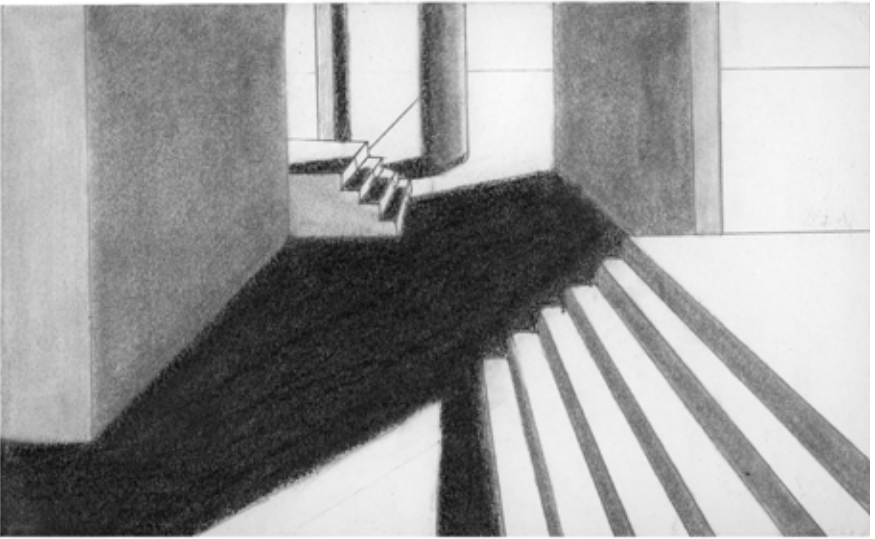
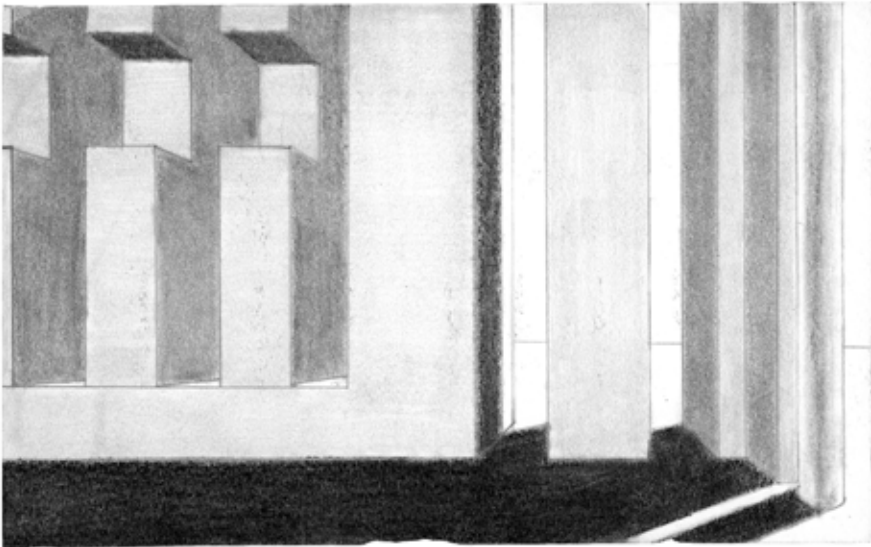
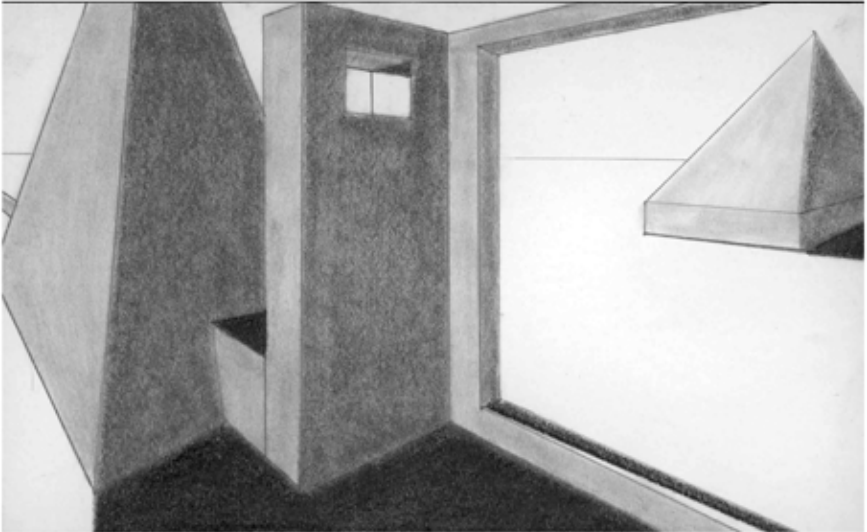
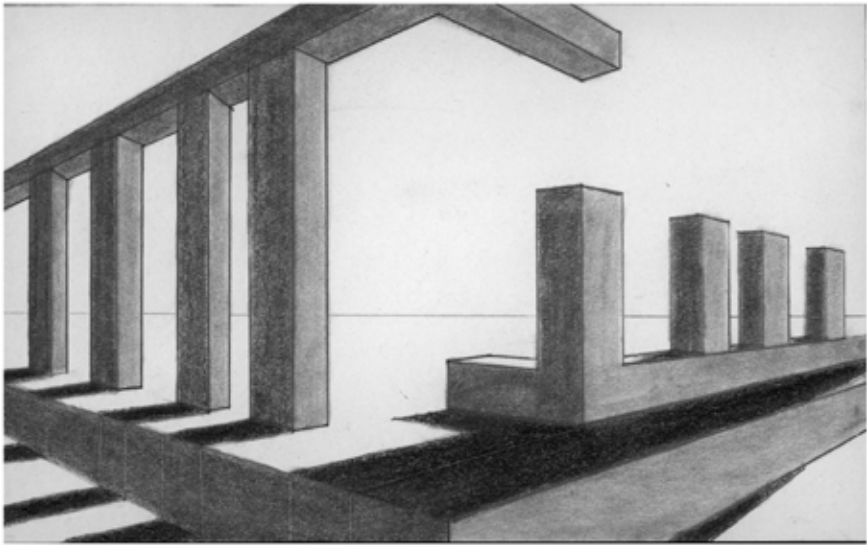
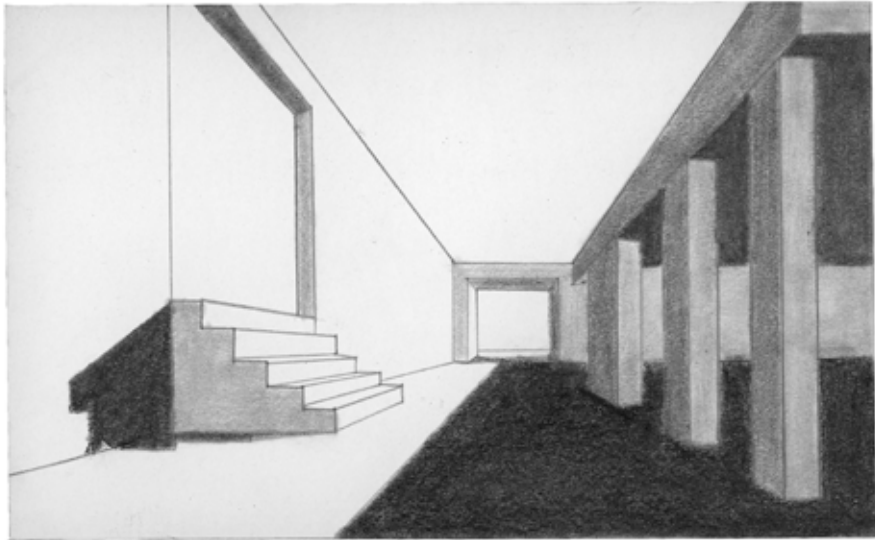
DETAIL COLUMN



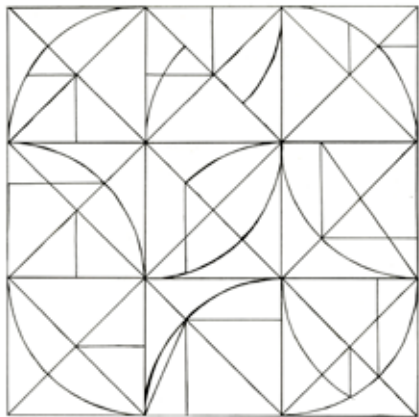
PERSPECTIVE JOURNEY

Course: ARCH 1121: Architectural Design Communication
Instructor: Emily Bahsam Term: 2019 Duration: 2 weeks

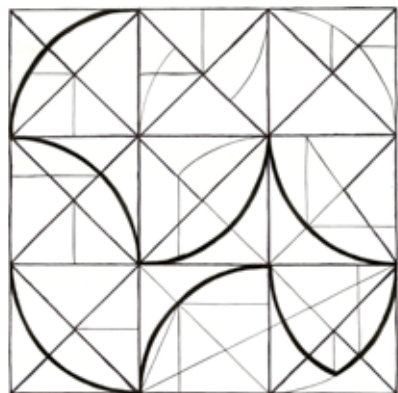
Project Description: The objective was to create unique scenes with common shapes like columns, cubes and pyramids. This was to practice creating appropriate shadows and adding tone to make the drawings realistic. During this project, the difference between one point and two point perspective was understood along with the idea that placing the sun in different locations displayed *time* in the drawings.



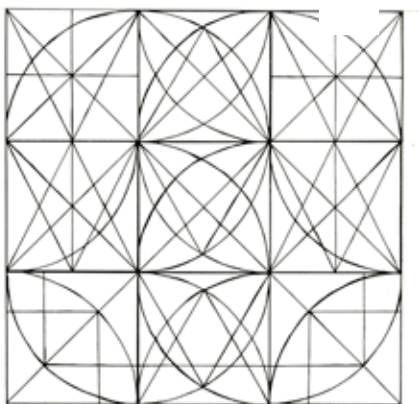
Project Description: Create an abstract, symmetrical and asymmetrical image using a specific set of rules that define how to create lines and how to intersect them. Then bring the abstract images to life by choosing specific lines that make complete shapes and make a three dimensional model. In the end, put light on the models and choose interesting angles to draw shadows.



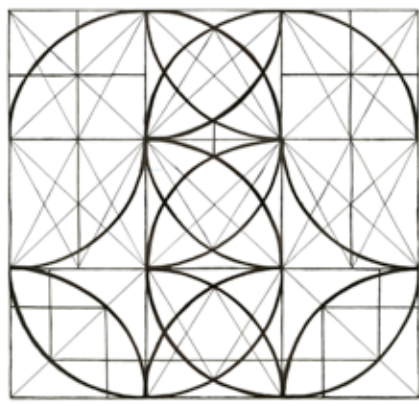
ASYMMETRIC



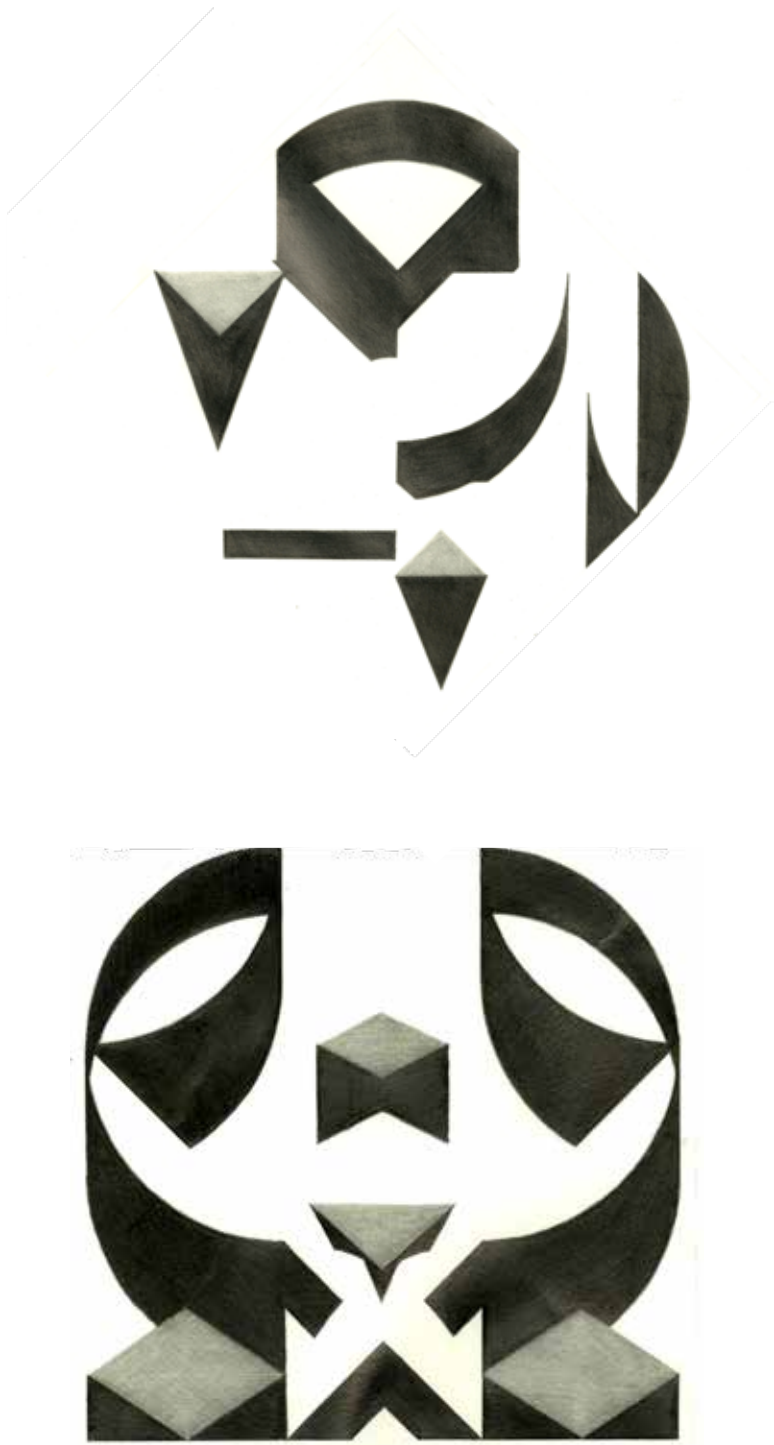
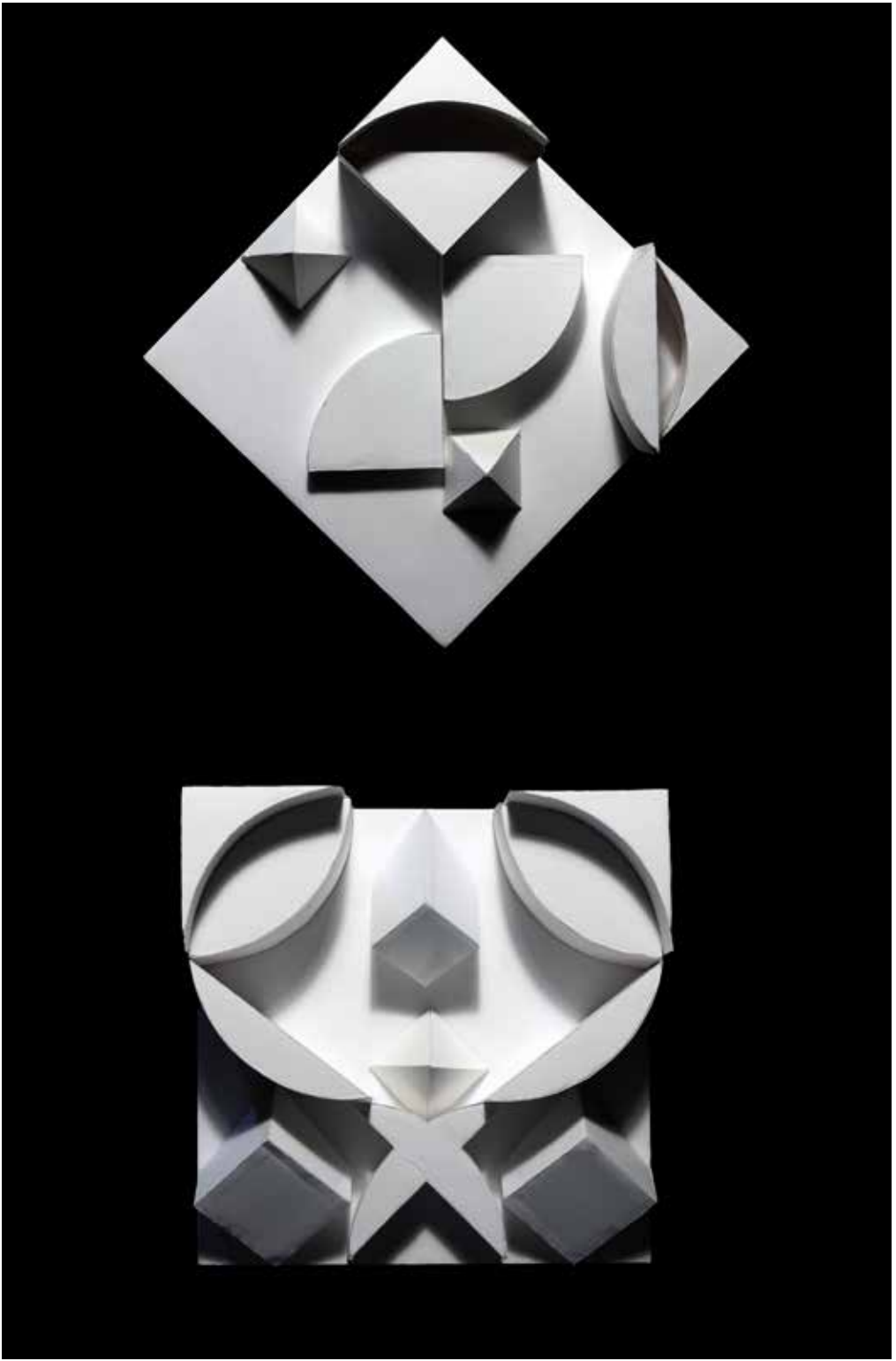
ASYMMETRIC HIERARCHY



SYMMETRIC



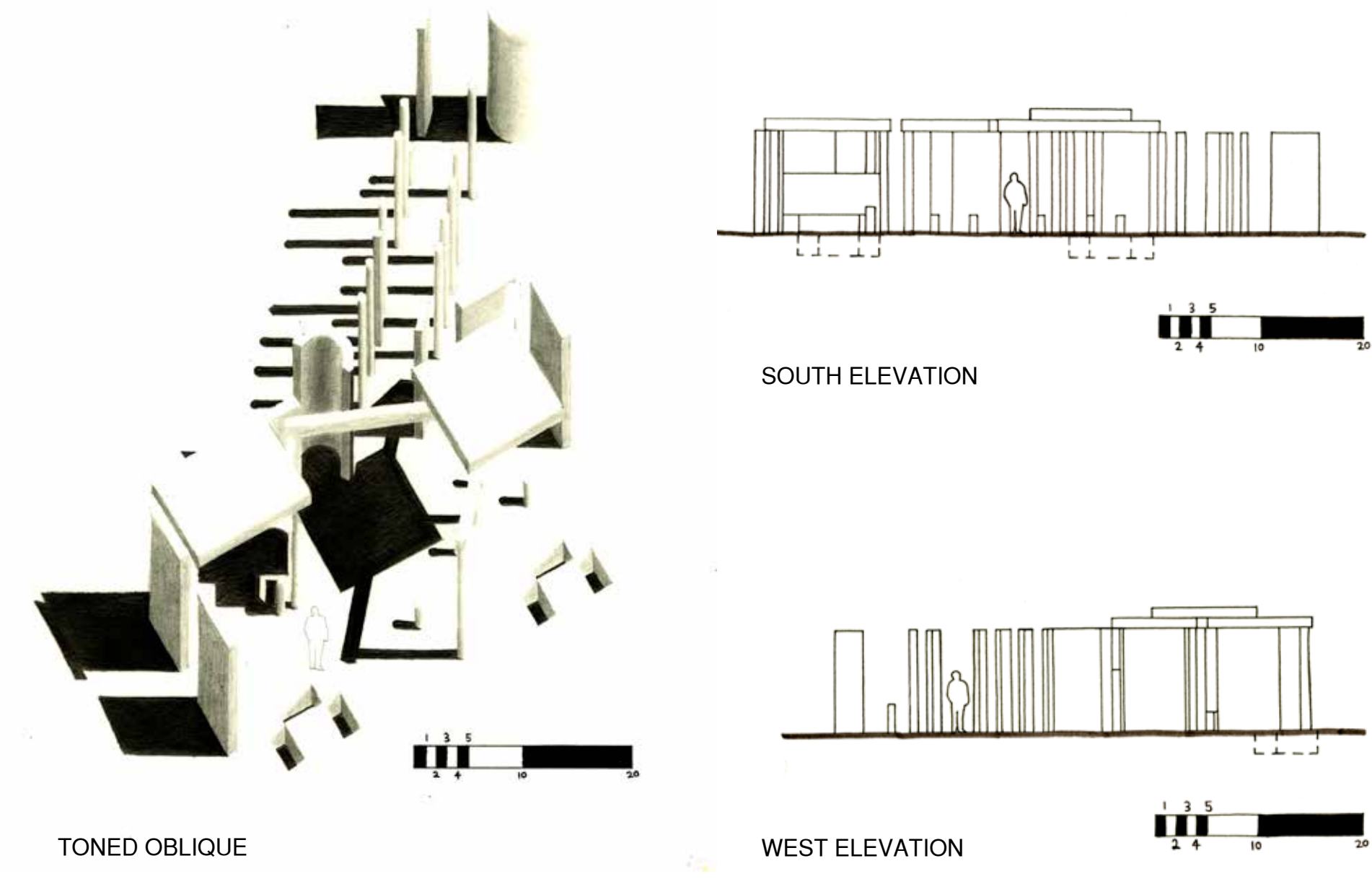
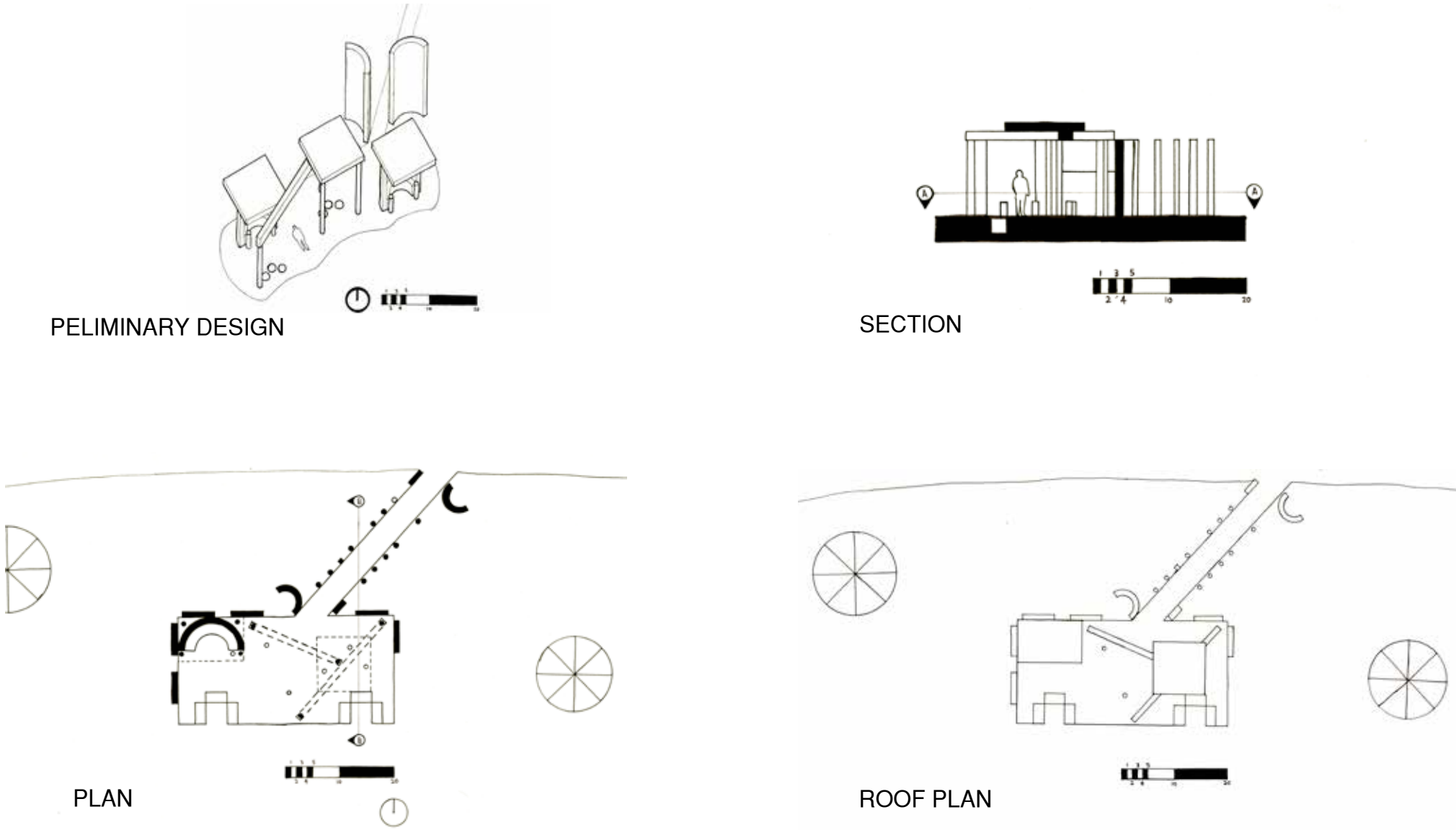
SYMMETRIC HIERARCHY



COMMUNITY SPACE

Course: ARCH 1131: Introduction to Architectural Design
Instructor: Jane Ostergaard
Term: Spring 2019
Duration: 3 weeks

Project Description: Pick a site around campus and think about how a space in that location can make you feel. How can you design a space that enhances the user's experience as they spend time at this site? This project was the first time where you got to design your own space within a 3000 square foot area with specific requirements and restrictions such as heights of elements and specific numbers of each shape used. This space is meant to spark curiosity.



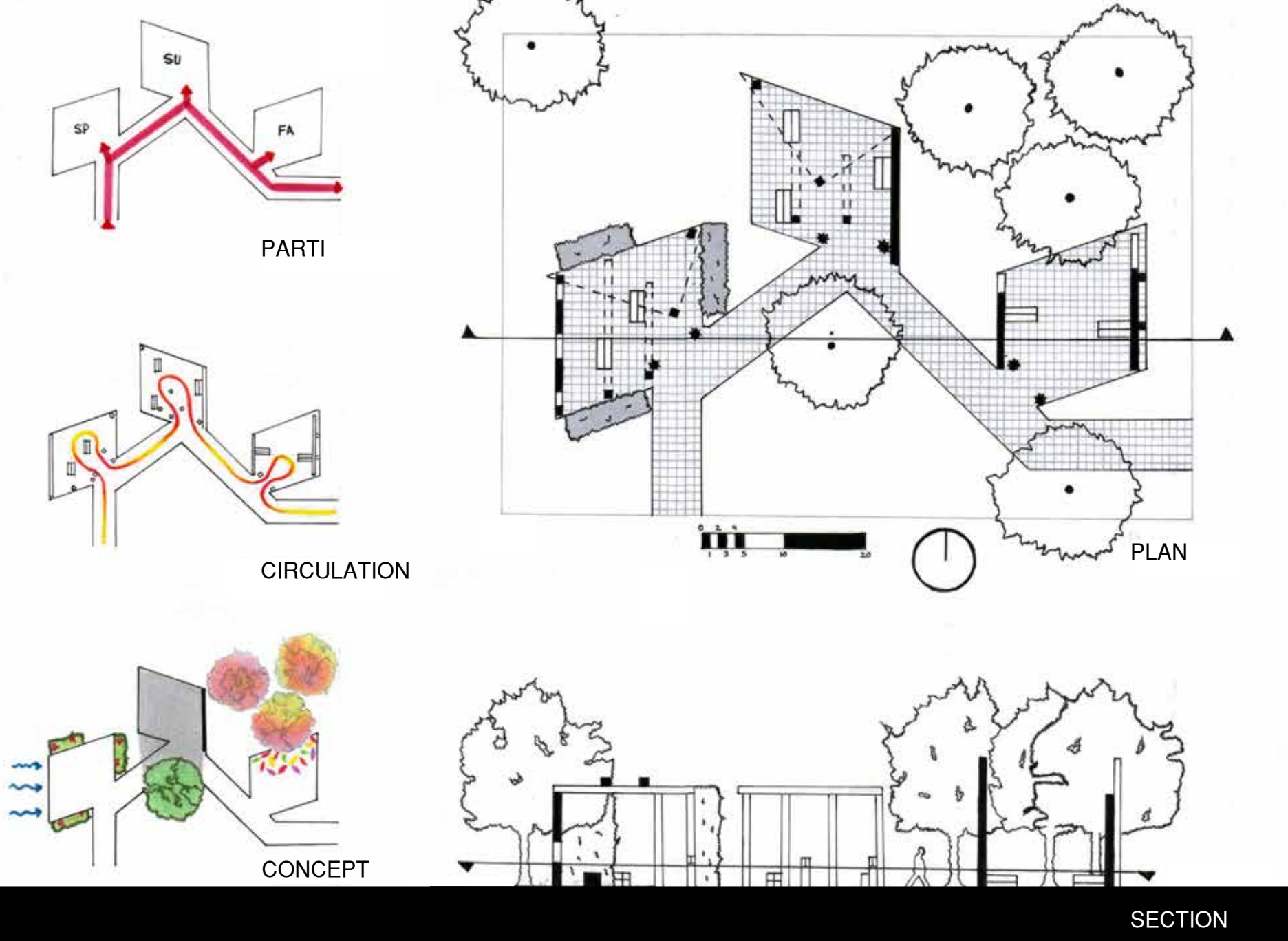
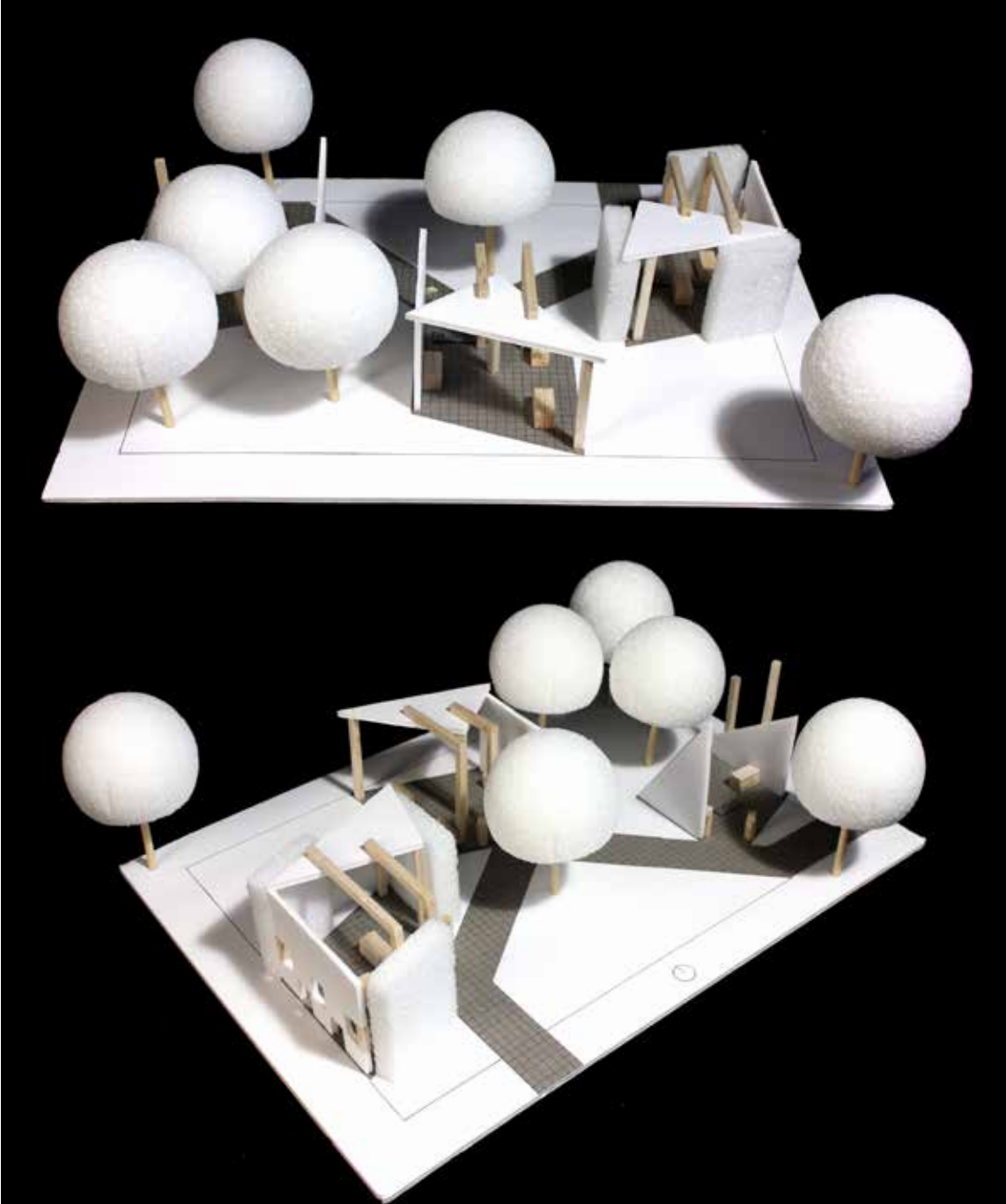
SPATIAL SEQUENCE

Project Description: The objective for this project was to design a park space that has three unique spaces representing three seasons: Spring, Summer, and Fall. Each space needed to be unified by a path and utilize a kit of parts.

Concept: This project encourages a visitor to experience different aspects of nature for each season. Spring is related to having intense winds and blossoming flowers. Therefore the spring space is designed with body level holes in the west wall for the wind experience and surrounded by bushes. Summer is associated with the need for shade and the admiration of sunsets. To support this, the southern tree, east wall and the roof for the space are placed in correlation with the sun rising from the east. In addition, the seating elements are placed facing west for the sunsets. Fall is connected to color changing trees that rain their leaves down as the season continues. A majority of the trees are placed here, overlapping onto the pavement of the space, and the seating is placed to view the trees.



Course: ARCH 1131: Introduction to Architectural Design
Instructor: Jane Ostergaard
Term: Spring 2019
Duration: 2 weeks



INSPIRATIONS COLLAGE

Course: ARCH 2201: Architectural Design 1 Term: Fall 2019
Instructor: Mark Pearson Duration: 3 weeks

Project Description: Find examples in the city of Chicago that you personally find pleasing or inspirational. Take pictures and draw sketches of what you see. The objective was to notice architecture around you and make connections and interpretations as to what the architect might have been trying to achieve with each structure. Then you can assemble it into a collage that speaks about what you find most inspiring and important about the city of Chicago.

Concept: The collage shows the defining aspects of what makes Chicago unique. The entire city is organized into a grid system which is represented by the organization of square panels in the collage. The wire represents the buildings that really stand out in the city as outliers, such as The Aqua, Vista Towers, and The John Hancock. The wooden panels represents historic Chicago and how it rose up from the ashes.

PROCESS



FINAL MODEL



ECOLOGY CENTER

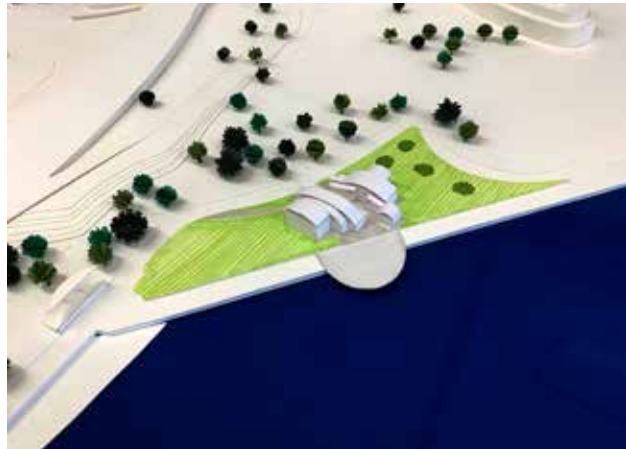
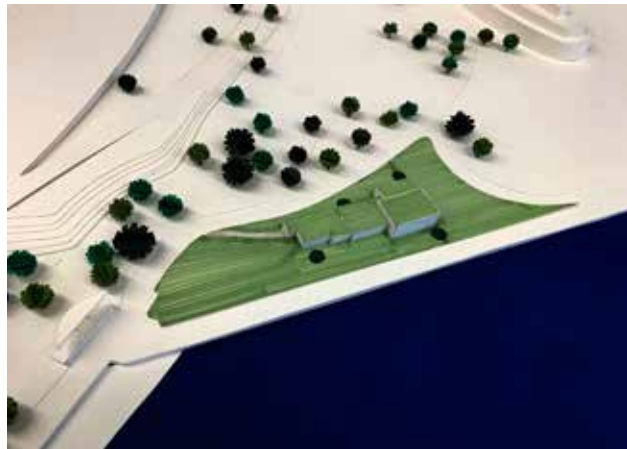
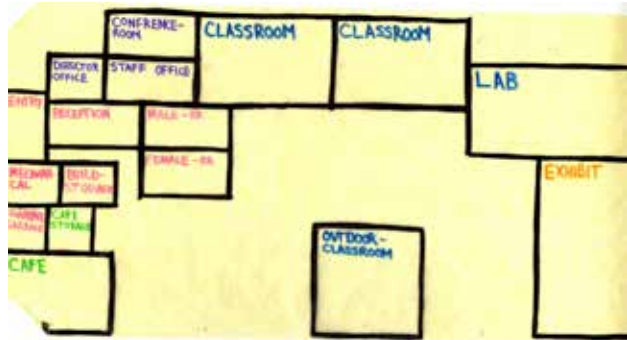
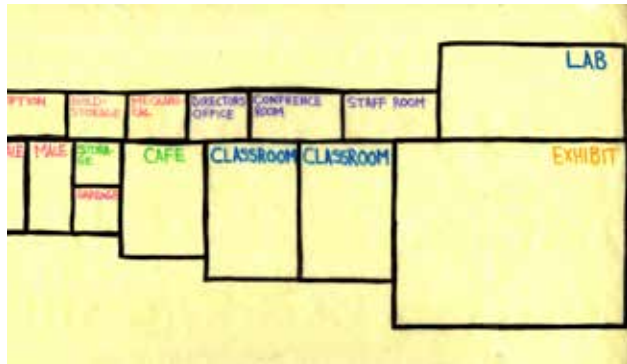
Course: ARCH 2201: Architectural Design 1
Instructor: Mark Pearson

Term: Fall 2019
Duration: 12 weeks

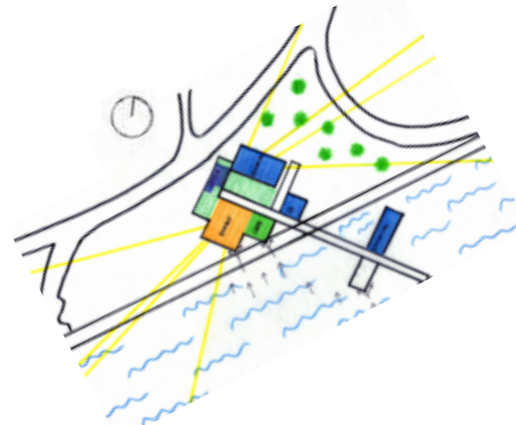
Project Description: Design an ecology center that involves water in some way and meets the needs of an educational building. The site is located along the lake front of Lake Michigan, just south of Lincoln Park. Some of the major requirements that made up the center were an exhibit, cafe, three classrooms, an interactive laboratory, offices and restrooms.

Concept: The concept for this ecology center was the intruding relationship between man and nature. The west side of the building frames the views of the shoreline with well known skyscrapers, while the east side of the building is covered in trees, which are perceived as nature's skyscrapers. The green roof on the north side of the building and the courtyard in the middle of the building show nature intruding on a man-made structure. The giant trellis descends down into the lake, portraying that a man made structure is intruding on nature.

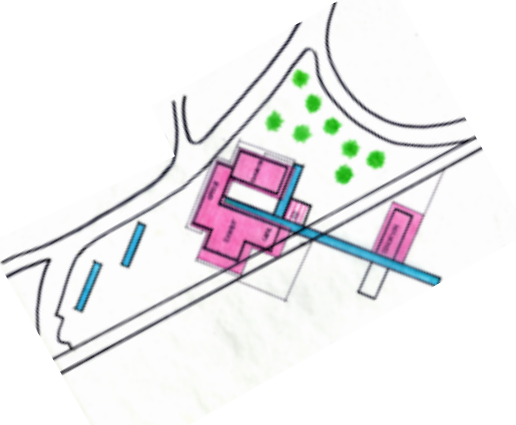
PROCESS



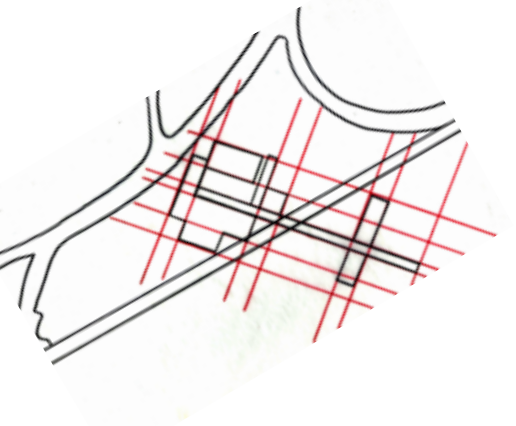
CONCEPT DIAGRAM



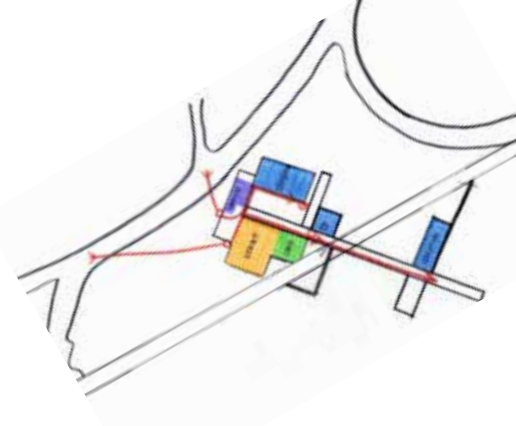
SITE PLAN



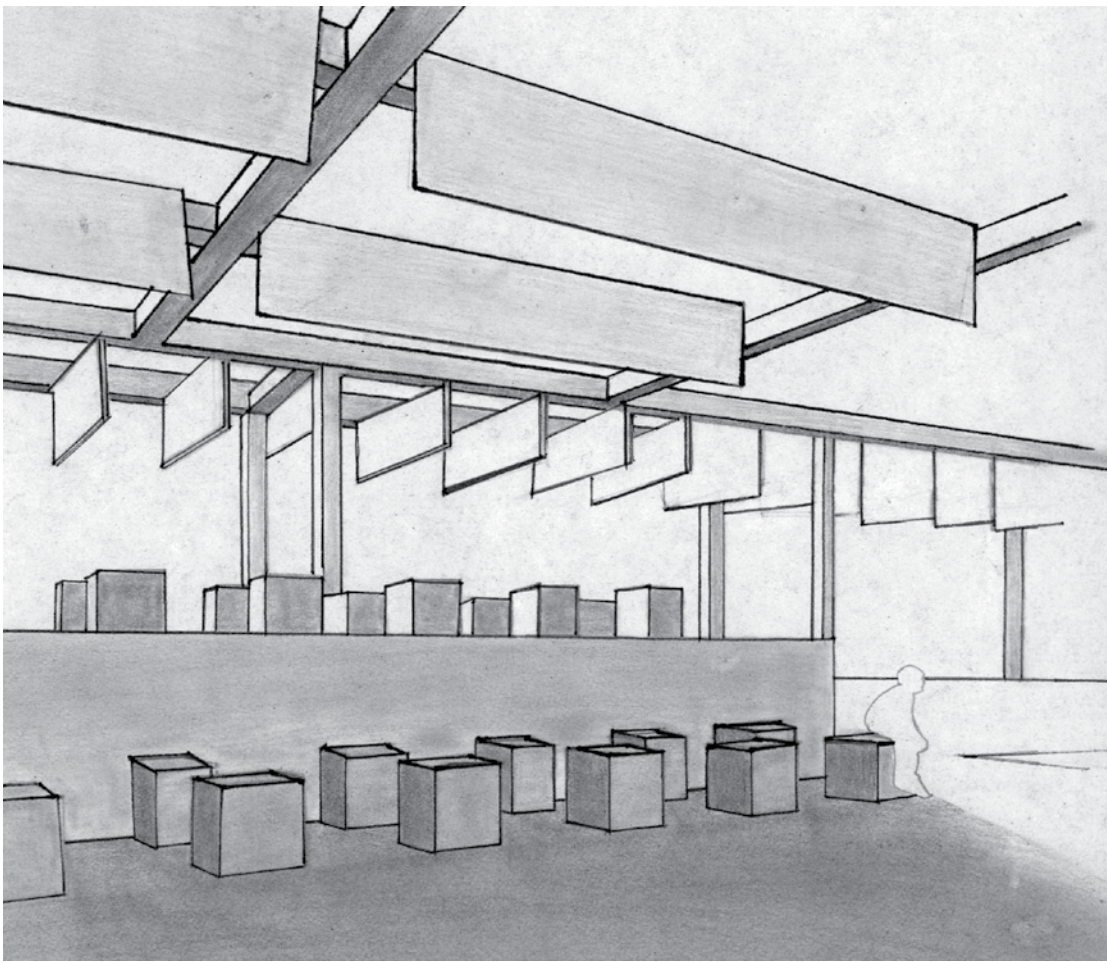
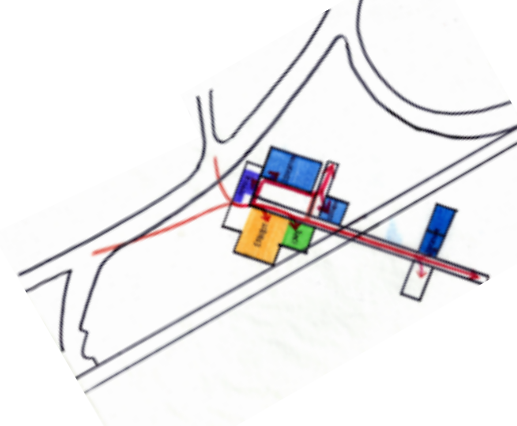
REGULATING LINES



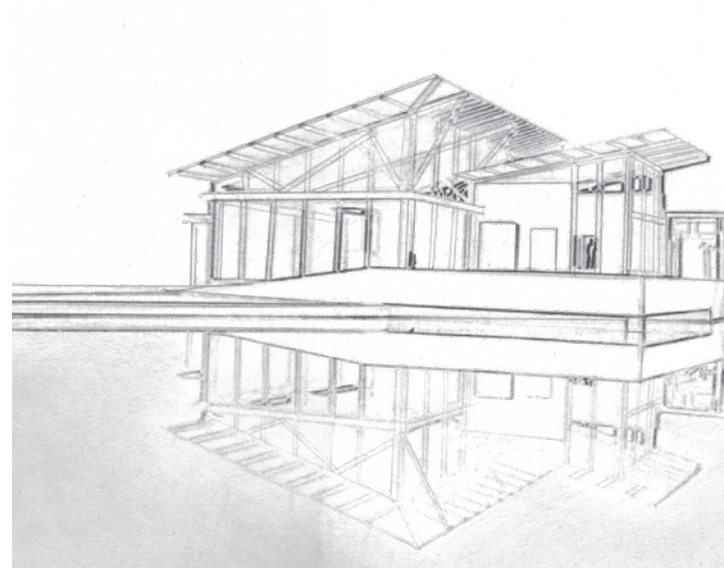
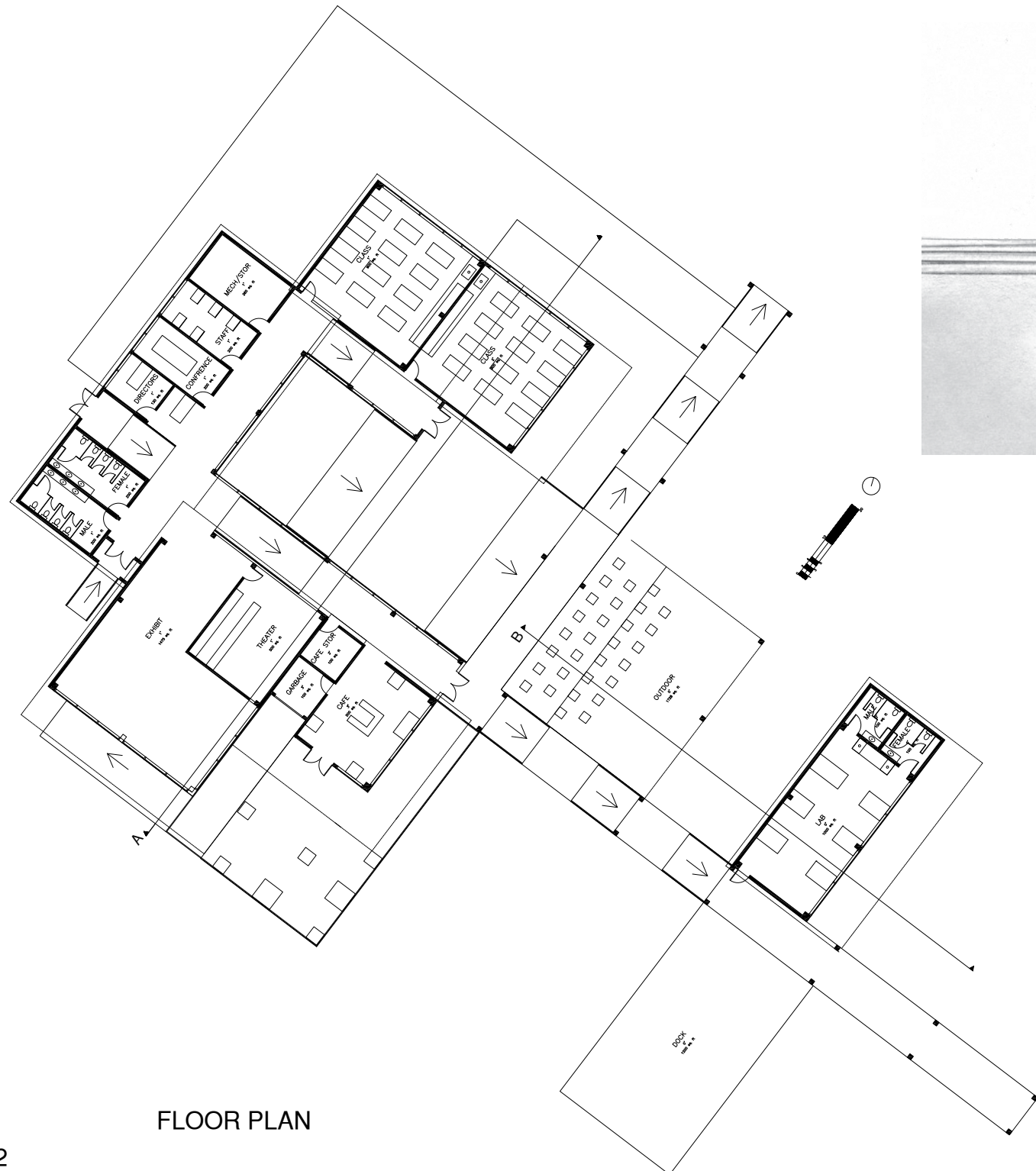
PARTI DIAGRAM



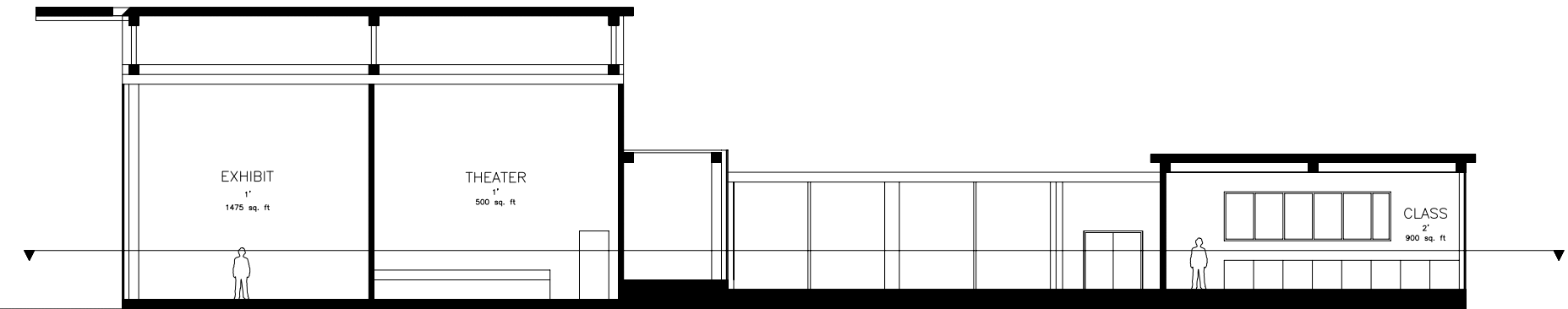
CIRCULATION DIAGRAM



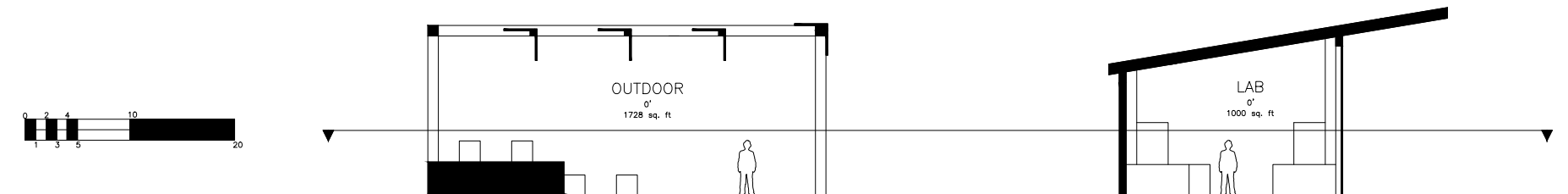
FLOOR PLAN

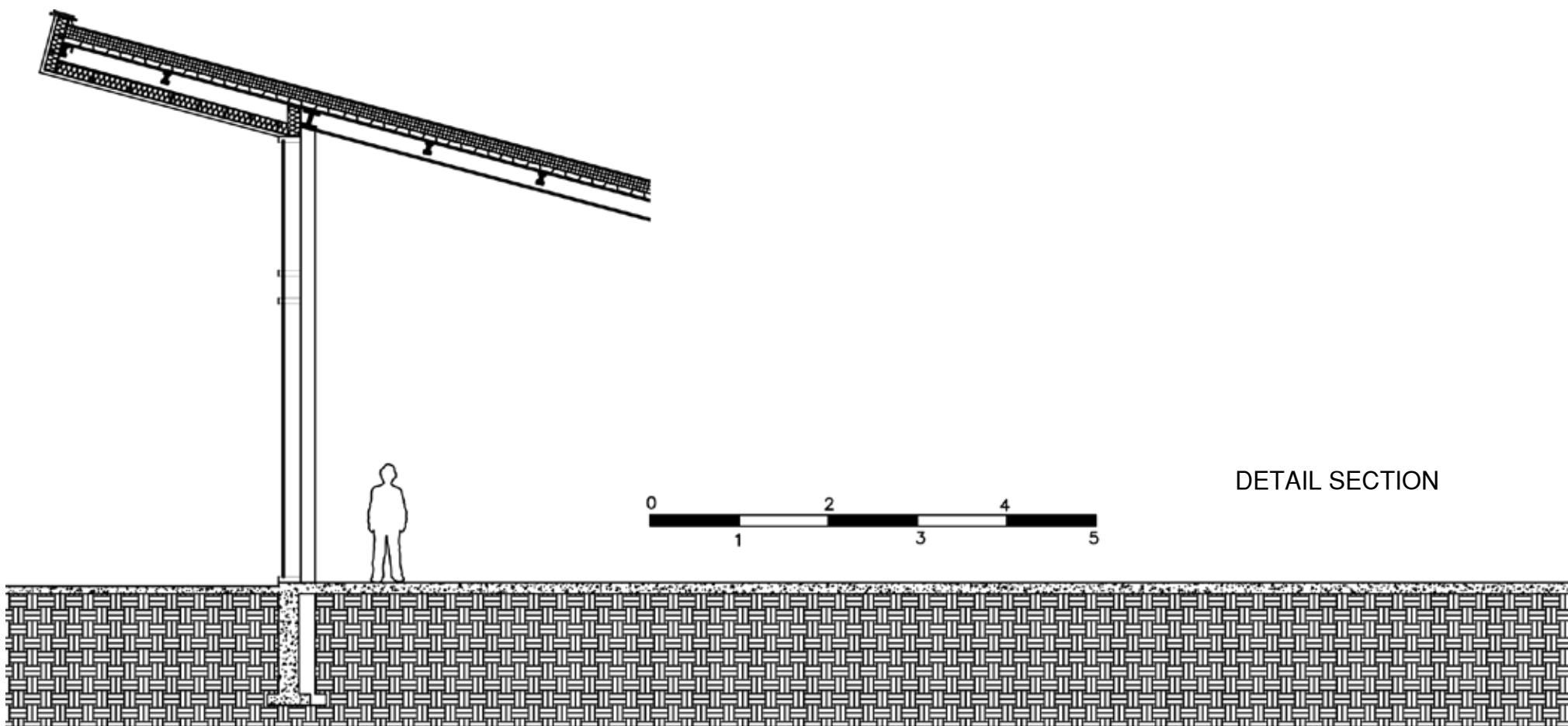


SECTION A

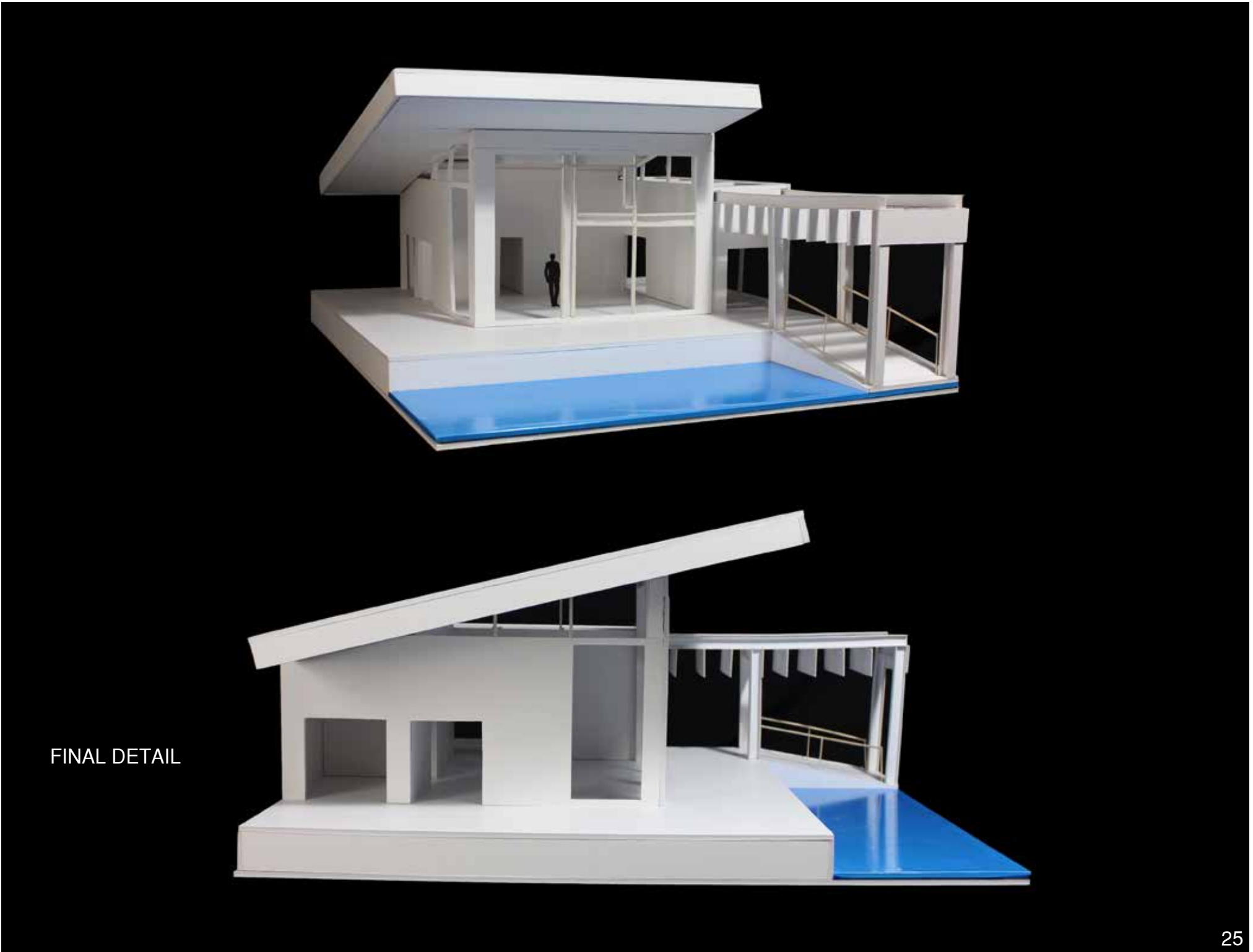


SECTION B





DETAIL SECTION



FINAL DETAIL



FINAL MODEL



