
ARCHITECTURE

PORTFOLIO

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This portfolio is a collection of architecture studio works at College of Dupage from 2018 Spring to Fall. My aspiration is to continue working on what I delight in this profession and to improve on the skills that I have started developing.

Architecture designing is something that is part of our daily lives, every aspect of it comes from designing, I believe that you have to be creative, self motivated, engaging and hard working when it comes to studying of architecture.

"I don't think that architecture is only about shelter, it is also about a very simple enclosure. It should be able to excite you, and to calm you, to make you think." - Zaha Hadid

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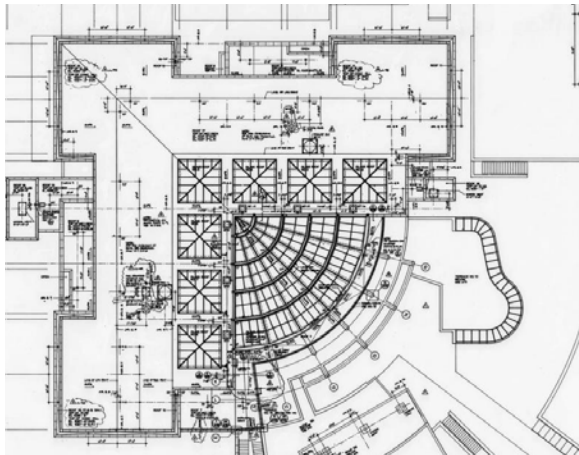
The goal for this assignment was to research on an assigned building and construct a scale model. The purpose of the assignment was to increase the understanding of architecture through detailed model and research of a significant buildings.

Historical significance of the research

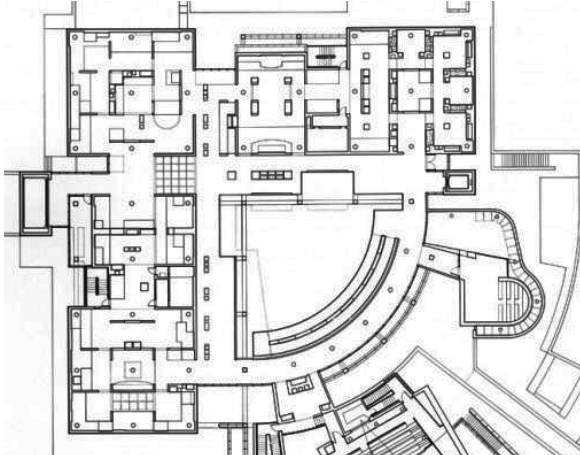
A four quadrants with one carved out to distinguish it from the other three. The missing quadrant becomes a monumental atrium; the lobby and the ceremonial center of the museum. The extended ramp is a symbolic gesture reaching out to the street and city. And the foil to the interior ramp is the building's chief formal and circulatory element. At the end of the ramp is the main entry and reception area, from which one passes into the four-story atrium.



Pictorial View www.richardmeier.com/?projects=high-museum-of-art



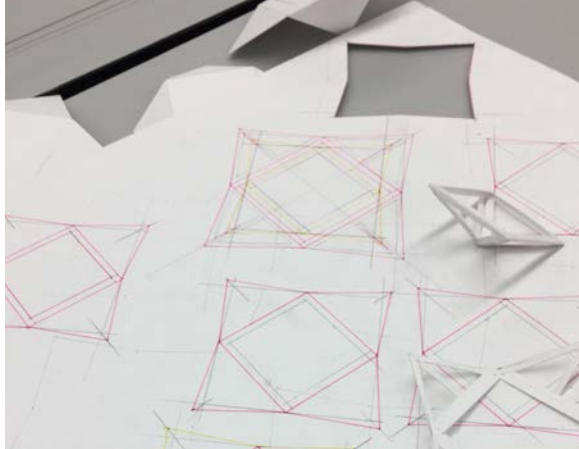
Roof Plan www.richardmeier.com/?projects=high-museum-of-art



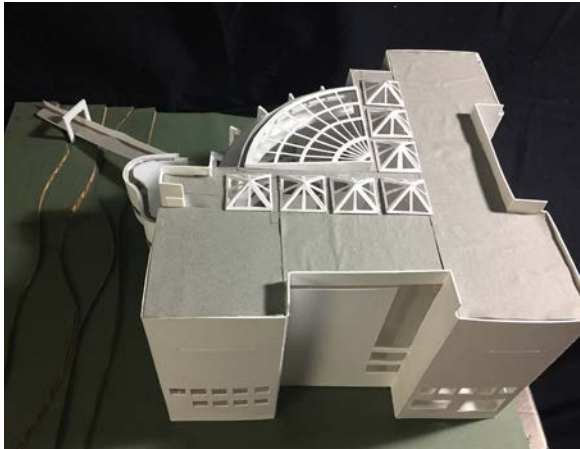
Floor Plan www.richardmeier.com/?=high-museum-of-art



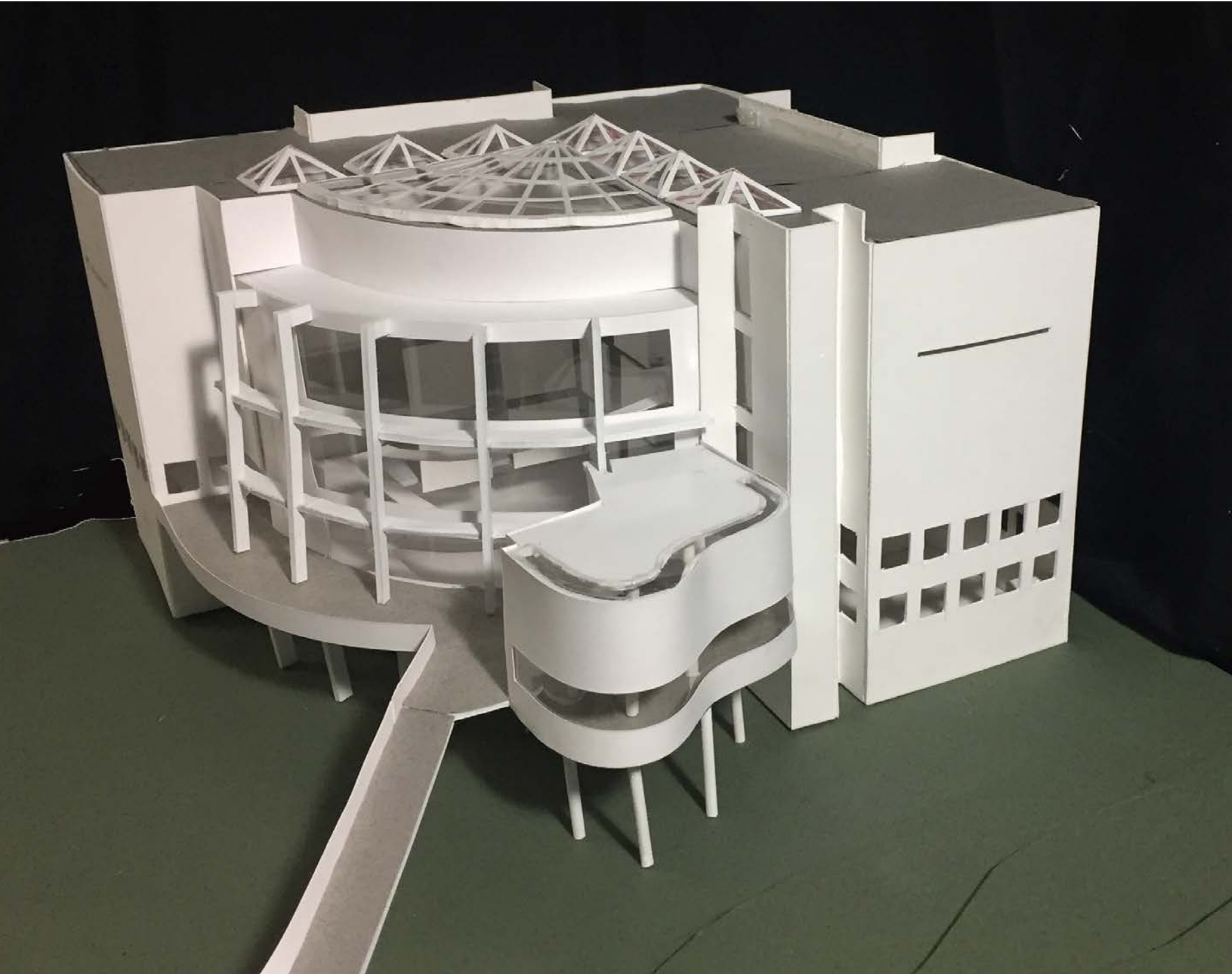
Model Process



Model Process (roof construction)



Model Process

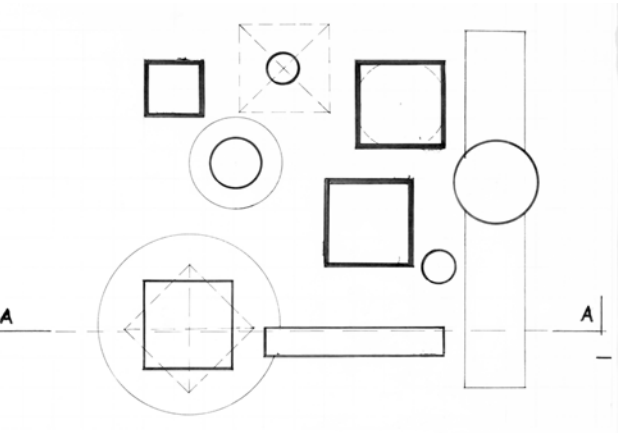


Final Model

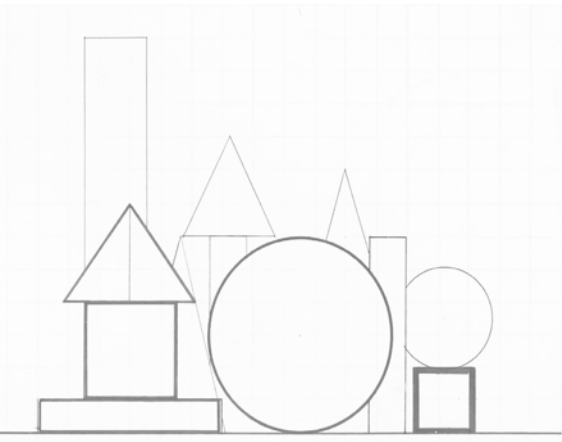
STILL LIFE DRAWINGS
MODEL BUILDING AND DRAWINGS

The goal for this assignment was to produce a kit of parts made up of simple geometric shapes, arranged in a composition, and draw in a variety of two dimensional and three dimensional views

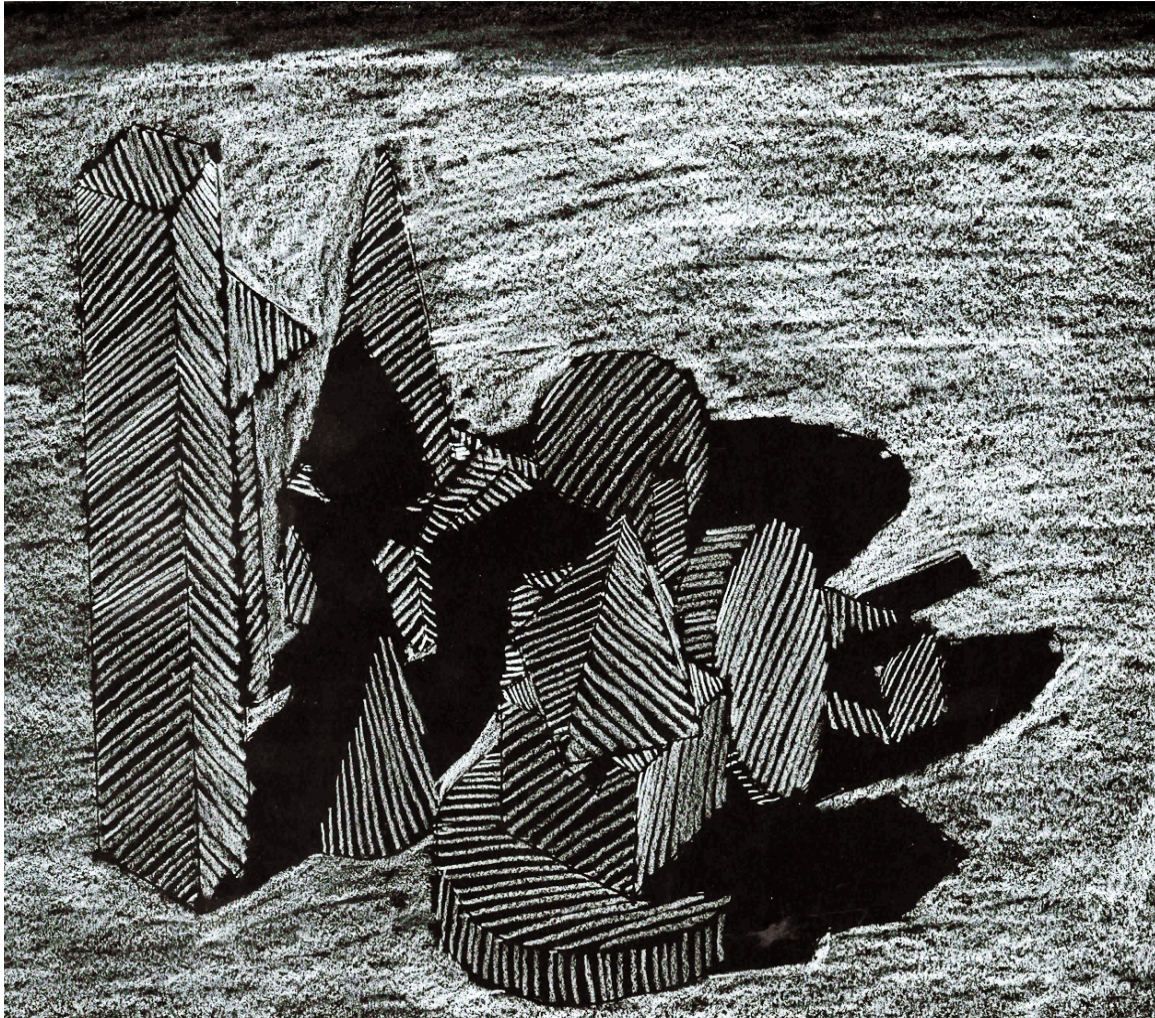
Process:
Arranging the geometric shapes in order, I explored different drawing techniques to create the still life oblique, plan, section and two elevations. The project also required a case to be created, which would hold all the pieces of the still life.



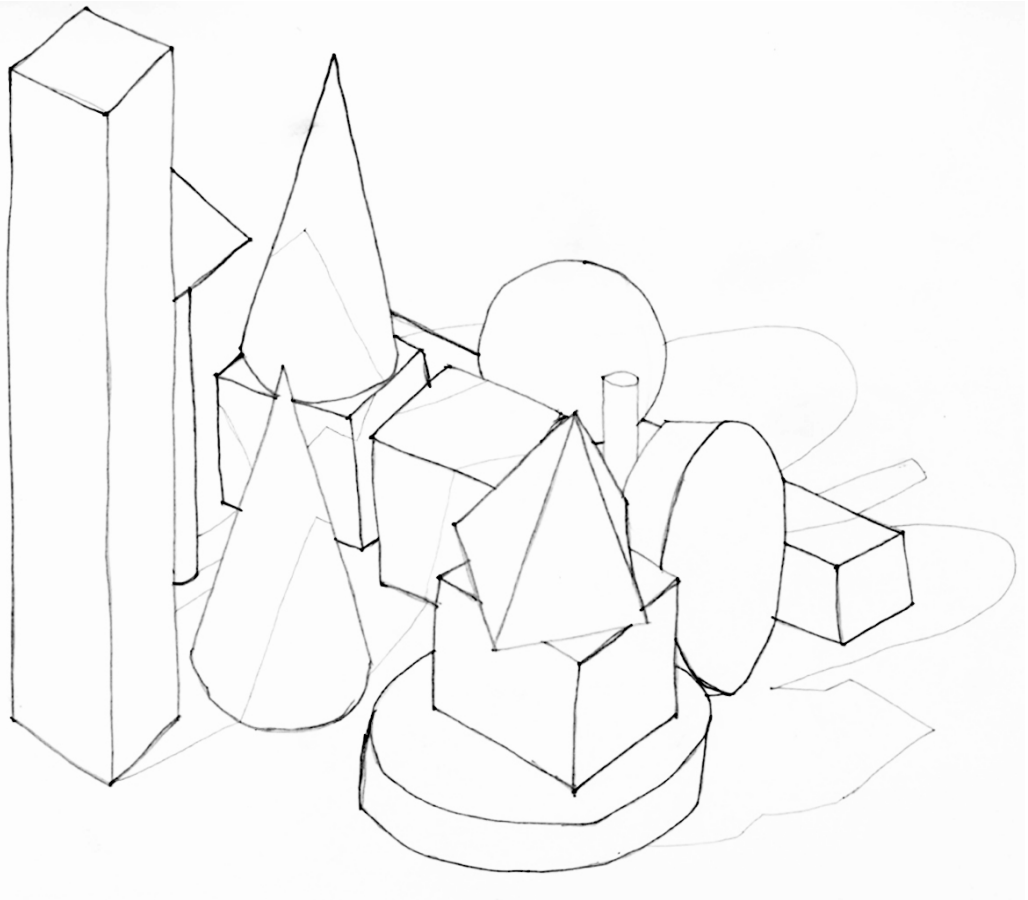
Plan View



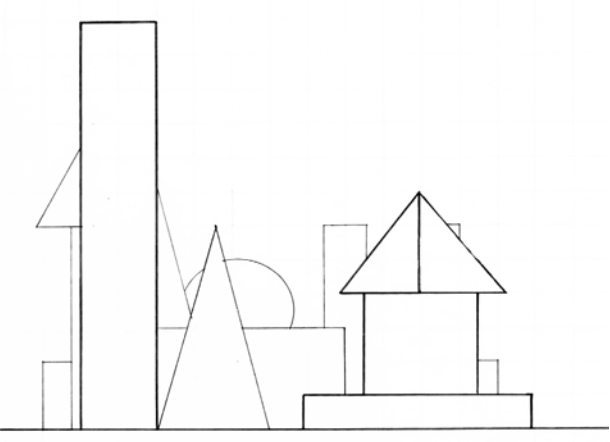
Section



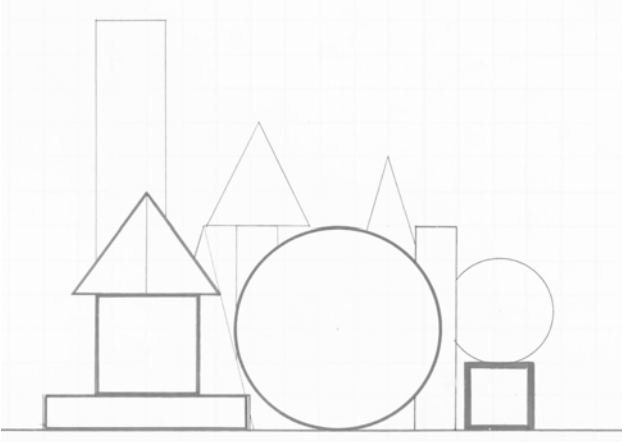
White Pencil Tone



Plan Oblique



Left Elevation



Front Elevation



Kits Case



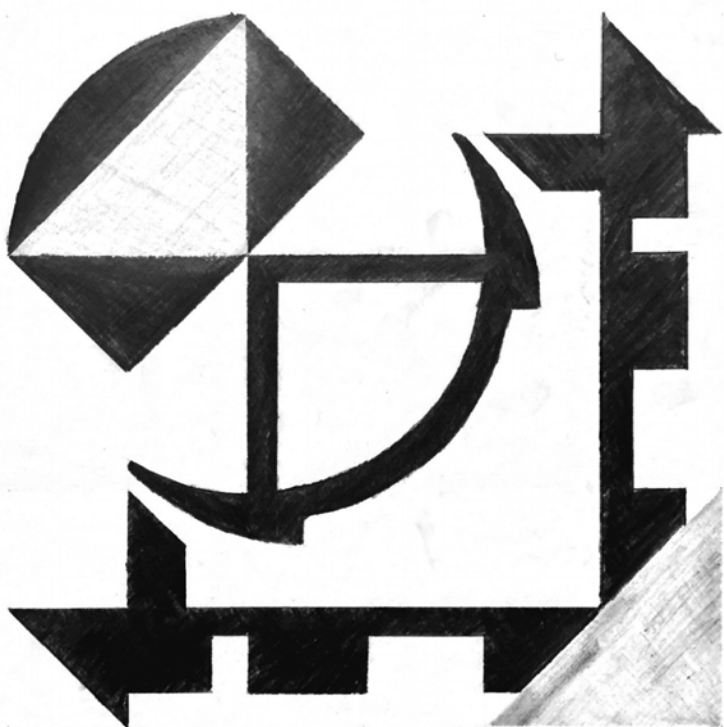
Kits Case

FORM
MODEL BUILDING AND TONE

Instructor:
Prof. Jane Ostergaard

The aim of the assignment was to construct a model the design created in Assemblage and Hierarchy assignment and then draw the model using tone to create an accurate three-dimensional illusion.

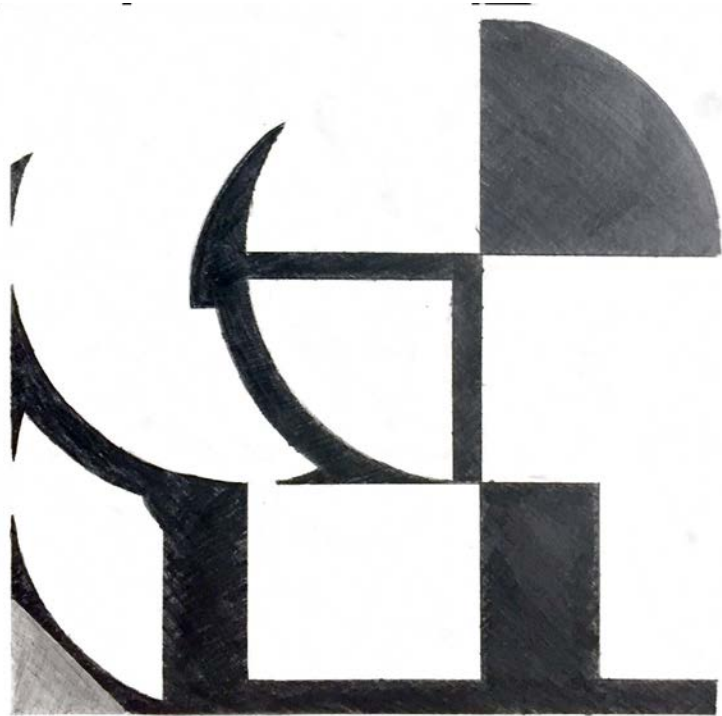
Process:
The forms were created in a concept of solid and void, hierarchy, connectivity and balance, which creates a sense of cohesiveness in both Symmetrical and an Asymmetrical form. After modeling the forms I placed light on them to create a shadow and shade for toning.



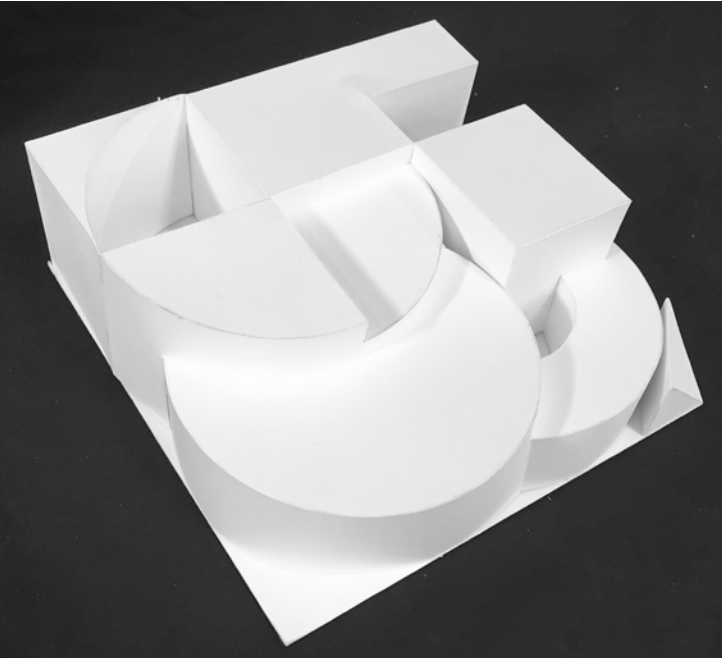
Symmetrical Tone



Symmetrical Model



Asymmetrical Tone



Asymmetrical Model



Asymmetrical Model

SPATIAL SEQUENCE

MODEL BUILDING AND DESIGNS

Instructor:
Prof. Jane Ostergaard

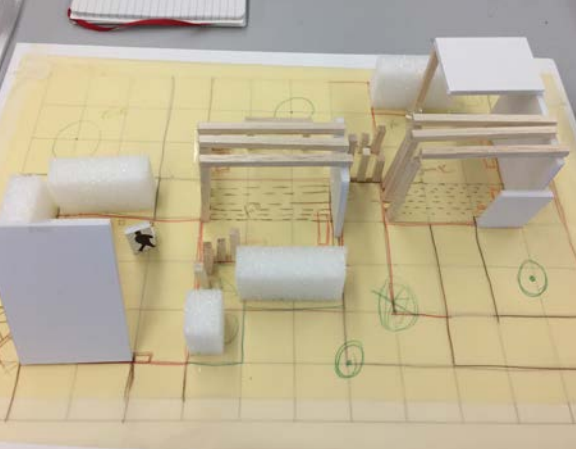
The aim of the assignment was to create three seasonal spaces that will allow you to explore. The major spaces should be linked by a single defined circulation path that creates a simple sequence route from one end of the site to the other, turning each space into season. Using a limited kit of parts.

Concept:

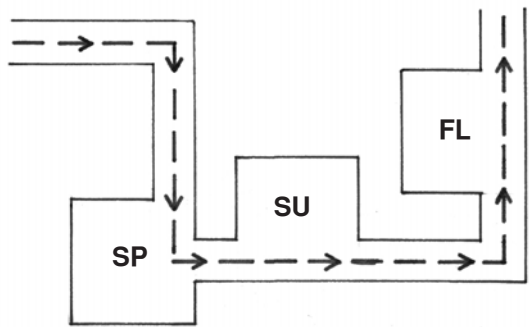
This project creates an interesting spaces which allows you to explore and appreciate nature through time and seasons. The journey begins with the Spring space which gives a sense of movement within its space, Summer on a hill allows you to experience the sun and shades during afternoon, while Fall space leads you to the exit of the spatial sequence.



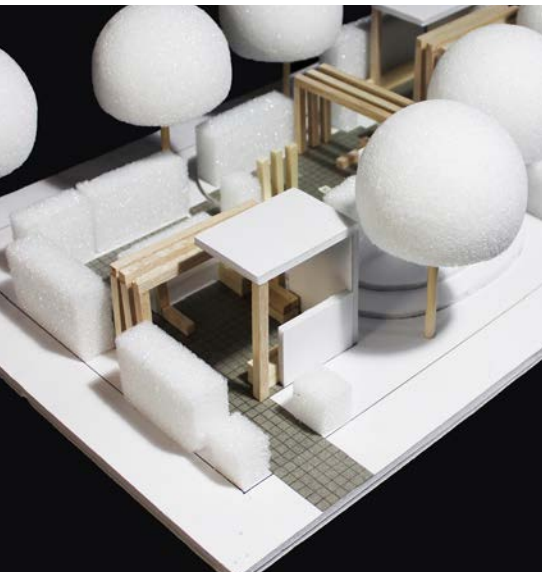
Hand Rendering



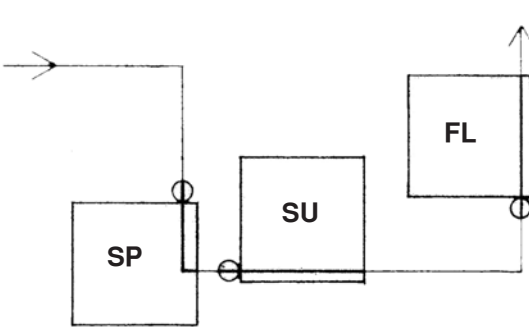
Model Process



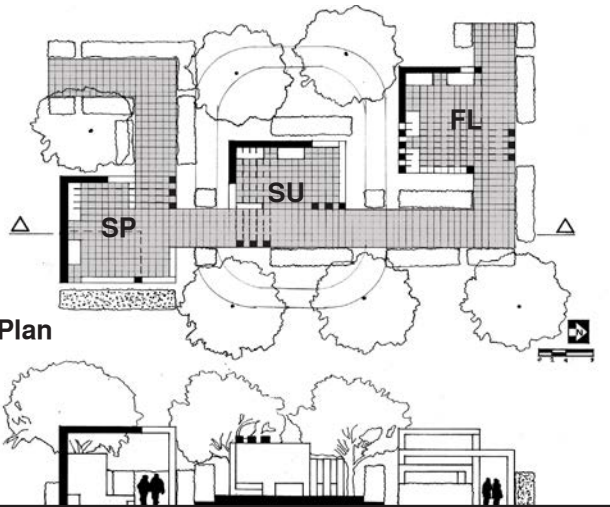
Circulation Diagram



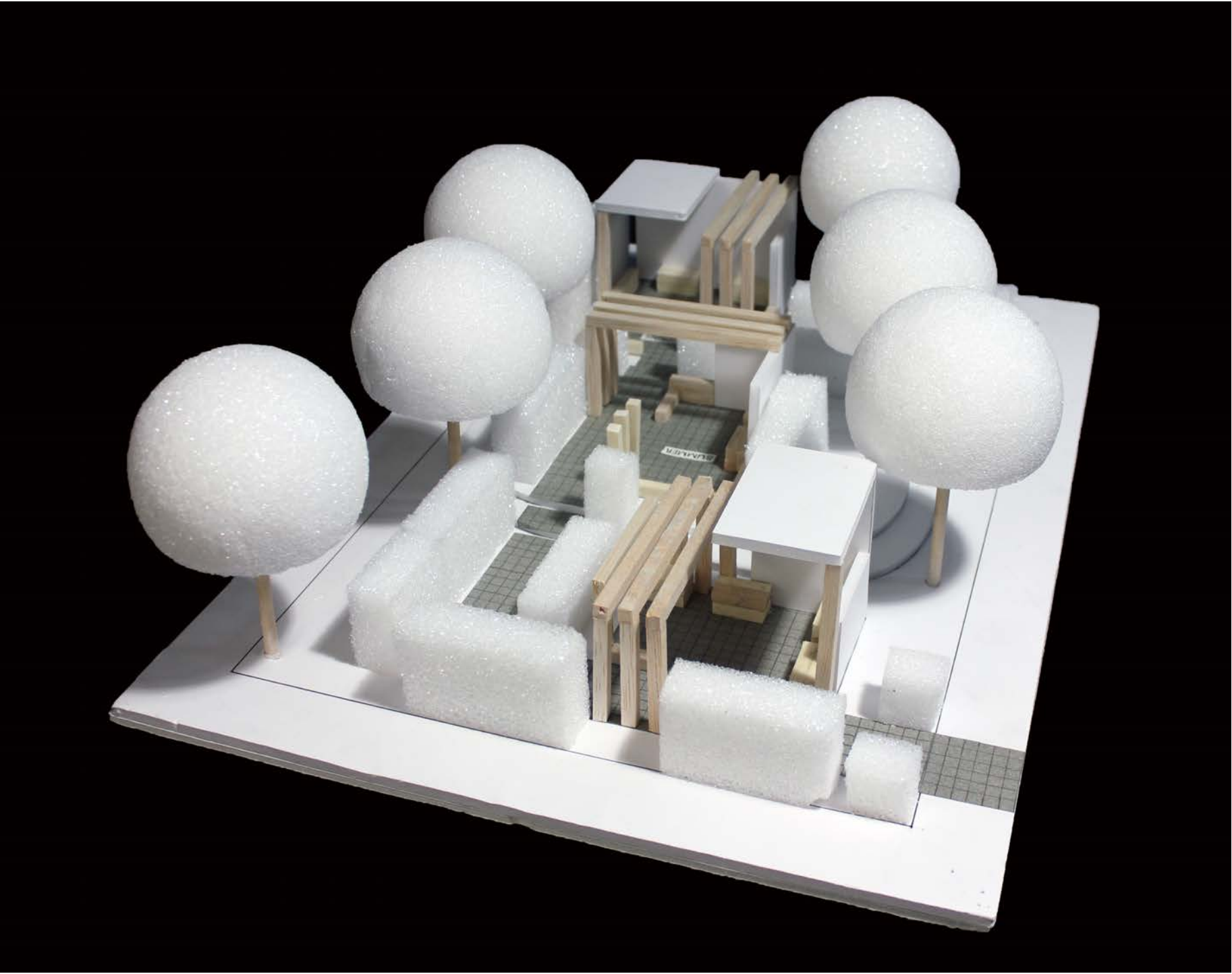
Final Model



Parti Diagram



Section



Final Model

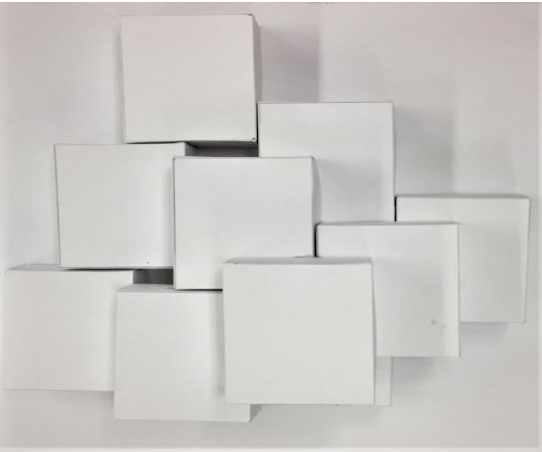
INSPIRATION COLLAGE

The goal for this project was to create a 3-dimensional collage of images, drawings, sketches and text from inspirational architectural examples in downtown Chicago.

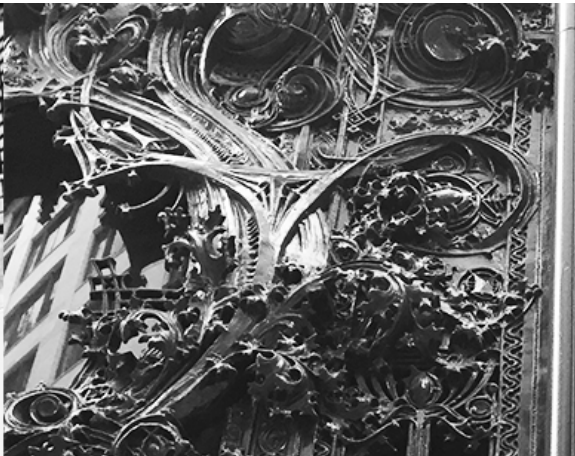
Process:
Using 3 best images and 2 sketches, I created a 3-dimentional presentation board that explore layer, detail, geometric, rhythm and repetition by having series of equally sized squares at different heights, which gives a sense of exploring through varieties of high-rises buildings in the metropolis.



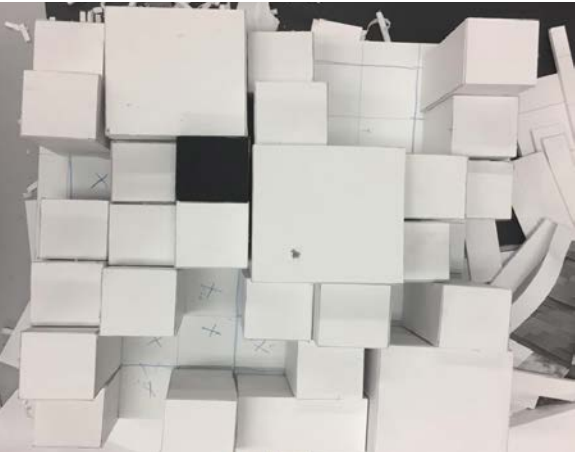
Layer



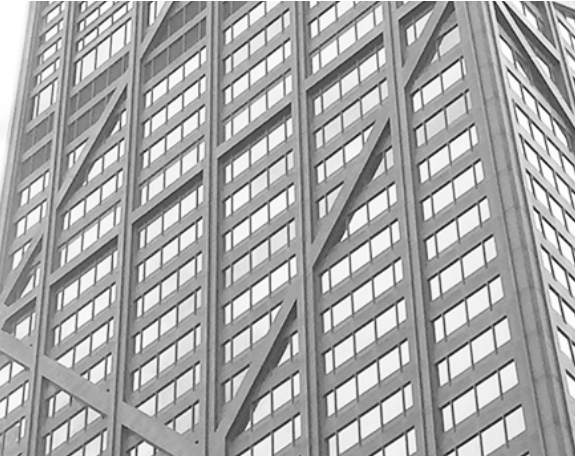
First Study Model



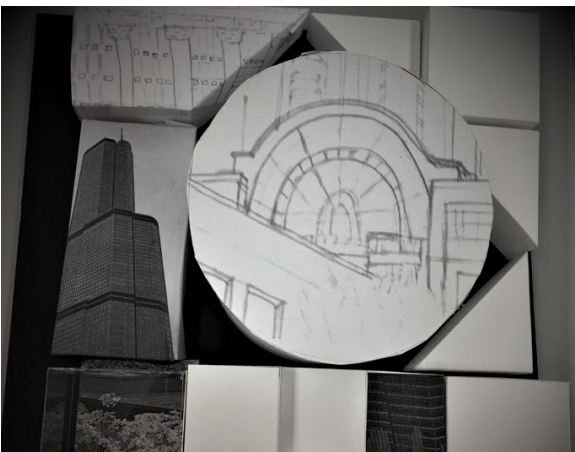
Detail



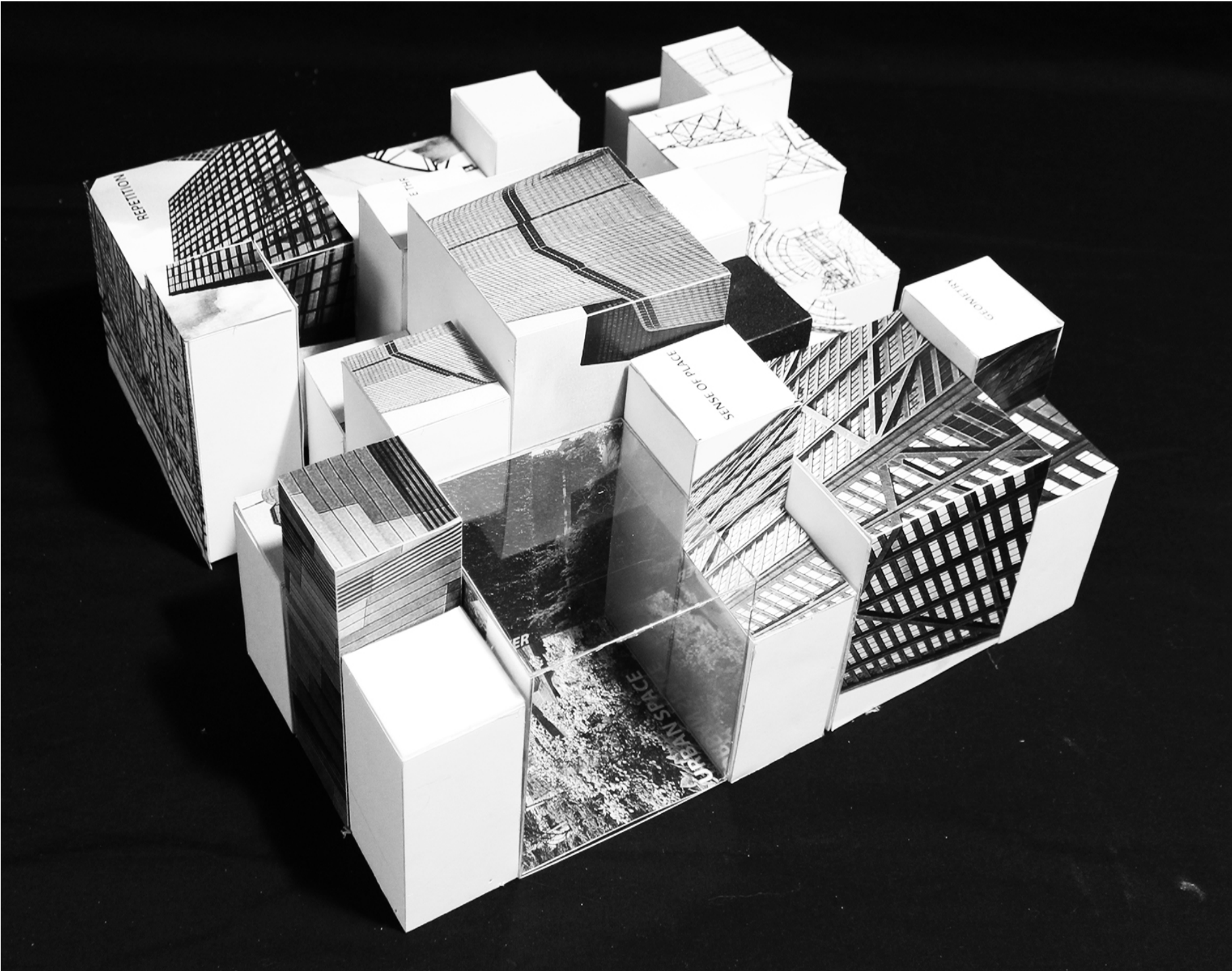
Second Study Model



Geometric



Third Study Model



Final Model

ECOLOGY CENTER

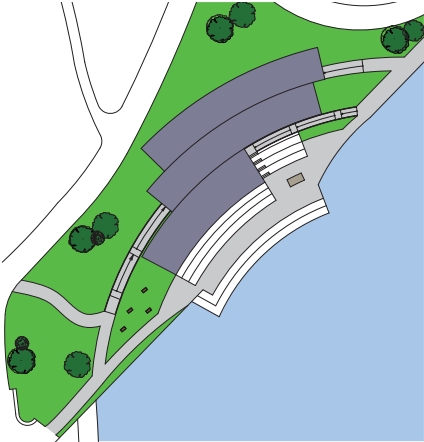
Instructor:
Prof. Mark Pearson

The goal for this assignment was to design a Center for Great Lakes Ecology. This design is to create an innovative, and thoughtfully conceived interpretive center that will house exhibits and educational programing on sustainability, environmental stewardship and water ecology.

The concept is the exploration of nature; land and water. The project is designed to have a curved form; its inspiration is taken from the waves of the lake Michigan, which gives a sense of free movement. The exhibition center is designed to have a panoramic view of the lake and also the view of the city. The ramp which exit from the exhibition center creates a space for the outdoor class. The roof forms are designed to have undulated form which emphasis on dynamism in architecture in Chicago. The stepped seating spaces in front of the exhibition center is to create a unique and panoramic views. Overall the conceptual design of this project is to appreciate nature through 4 viewpoints; Eastern Views, South East Views, Southern Views and Western Views.



Site Context



Site Plan



Concept Diagram



Parti Diagram



First Scheme Model (1:30 scale)



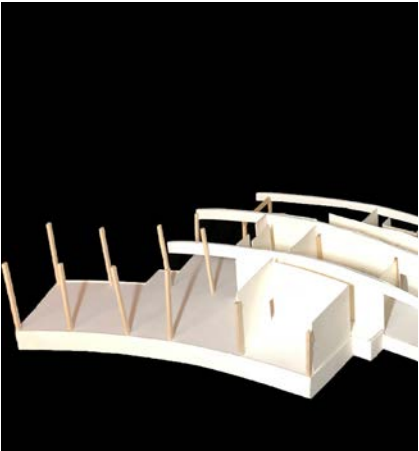
Second Scheme Model (1:30 scale)



Third Scheme Model (1:30 scale)



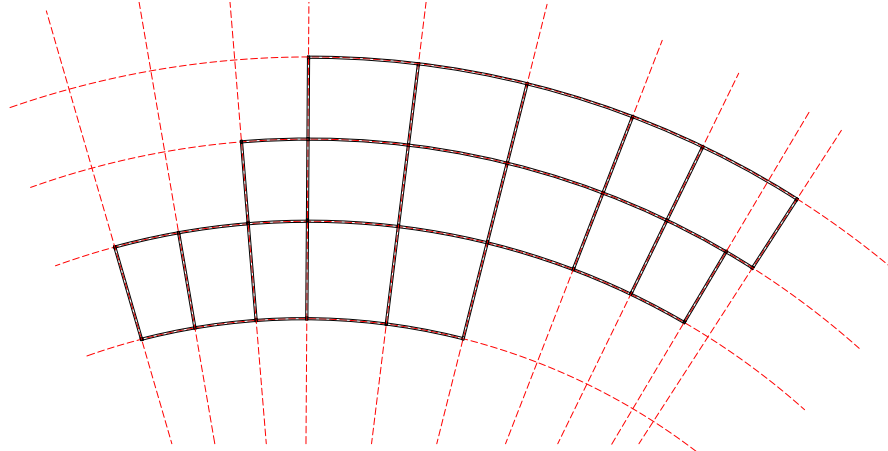
1:30 Scale Model



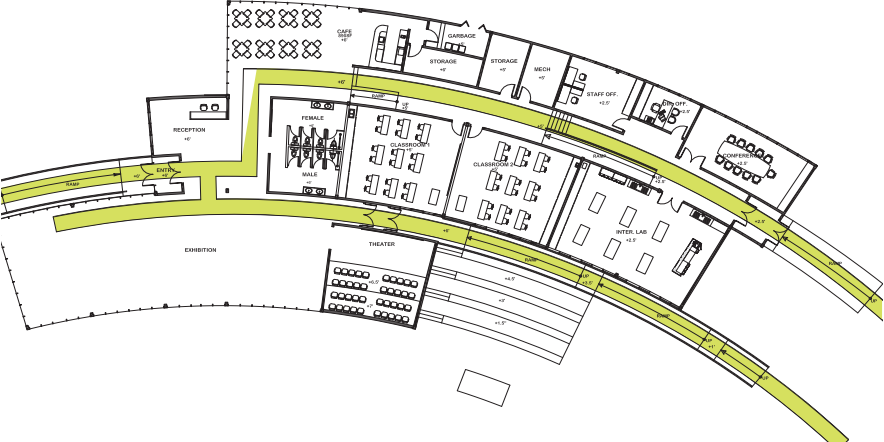
Process



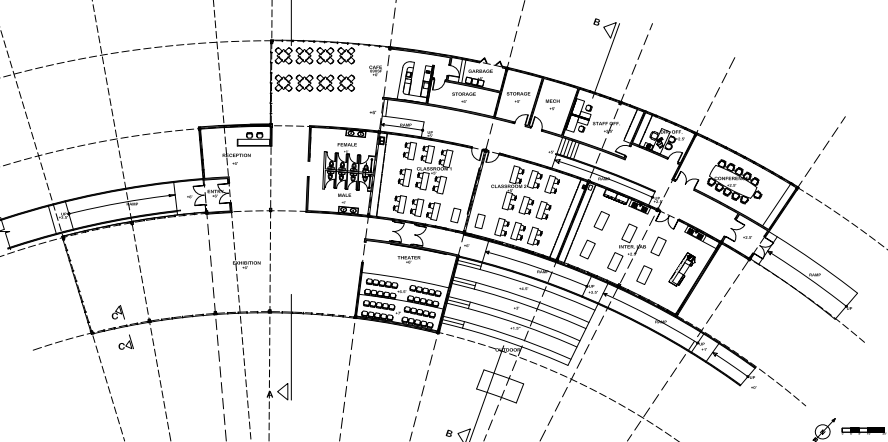
Study Model



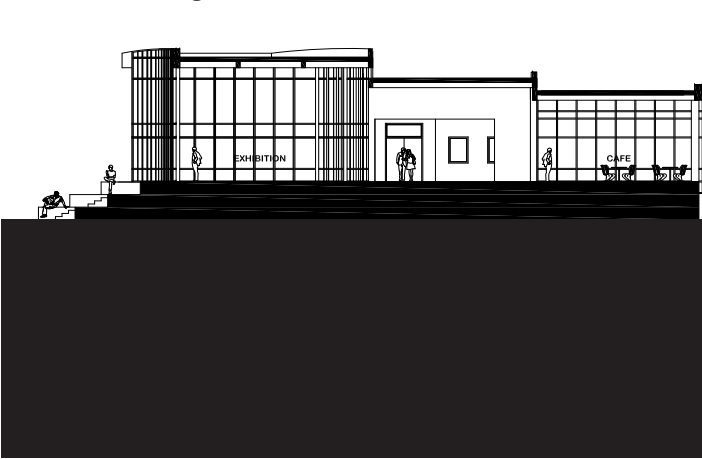
Structural Grid



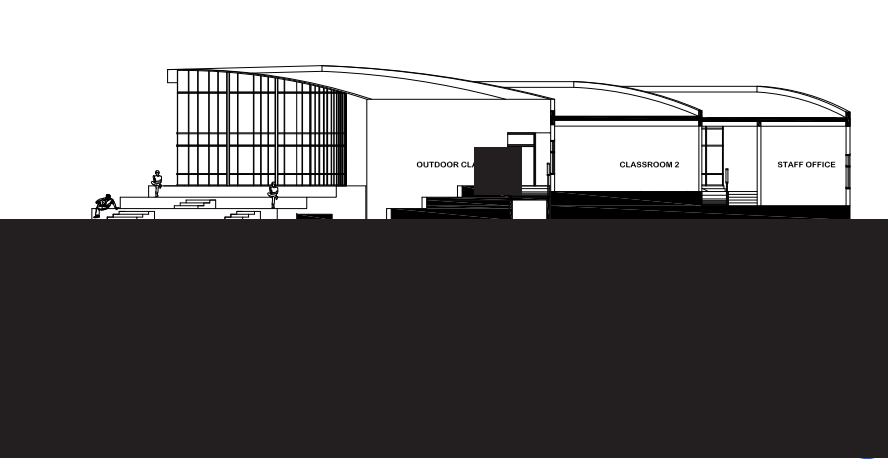
Circulation Diagram



Floor Plan



Section A - A



Section B - B



Detail Model Process



Detail Model



Detail Model (Structural Frame)



Final Model



“ARCHITECTURE
is an expression of
VALUES”

(Norman Foster)