

Architecture

PORTFOLIO

Joy Hafsat Iliya

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CARTESIAN GRID

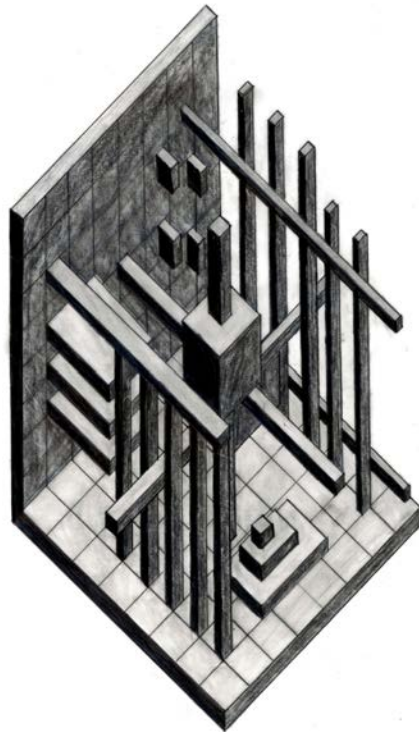
Duration: 2 weeks

DESCRIPTION:

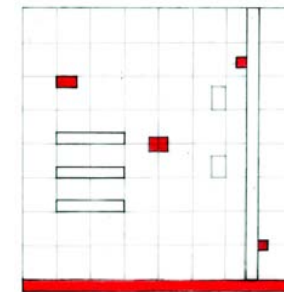
This project was an introduction into design and a glimpse of architecture. The aim was to produce a 3-Dimensional structure that conveyed all six Chings Principles. It was to revitalize the use of basic drafting skill ,line weights, porshe, use of profile lines and elevation drawings.



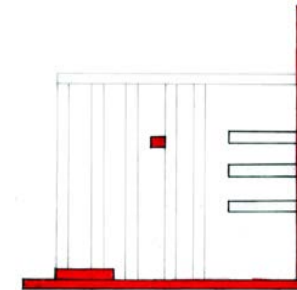
Final Model



Oblique Model Drawing

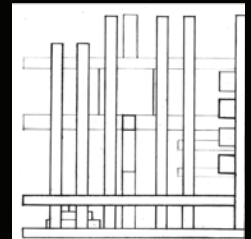
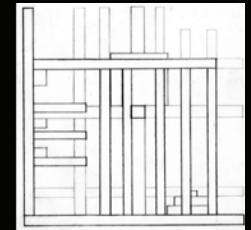
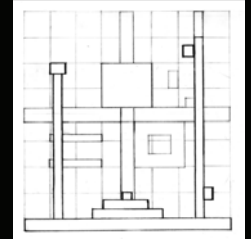


Plan

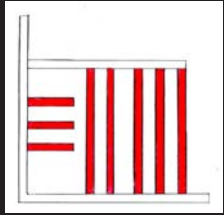


Section

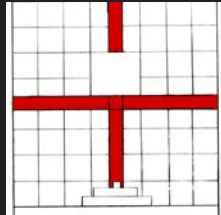
Elevations



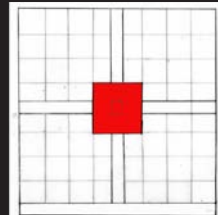
Chings Principles:



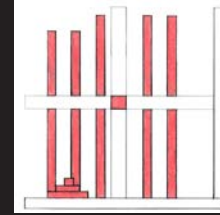
Repetition



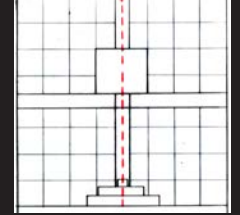
Rhythm



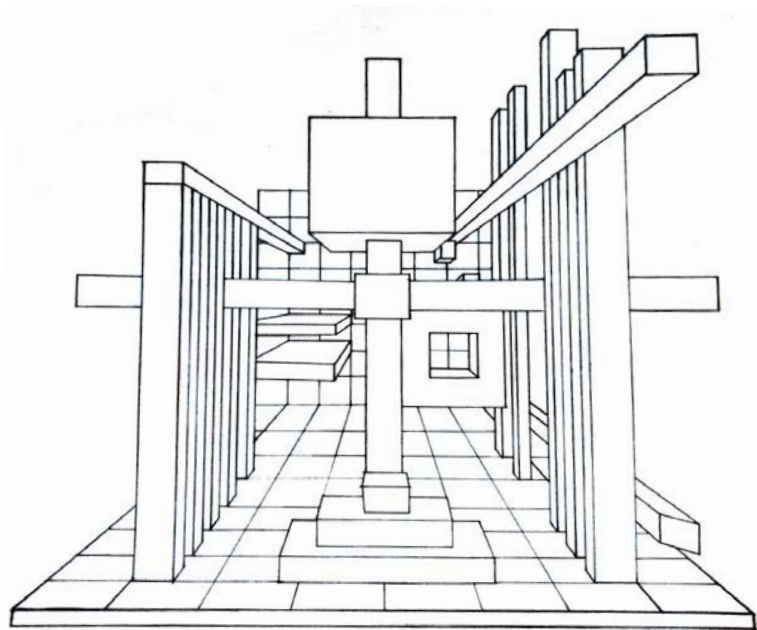
Datum



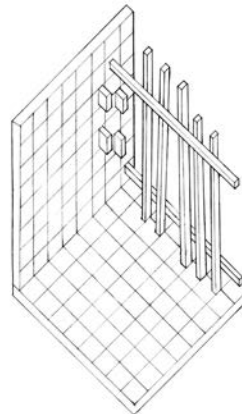
Hierarchy



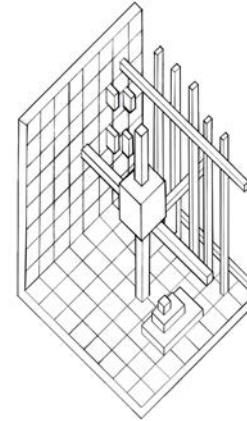
Symmetry



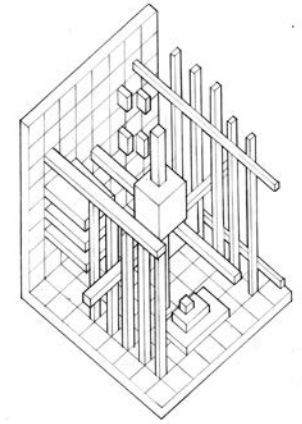
One Point Perspective



Transition Drawing 1



Transition Drawing 2



Transition Drawing 3

SPATIAL SEQUENCE

Duration: 2 weeks

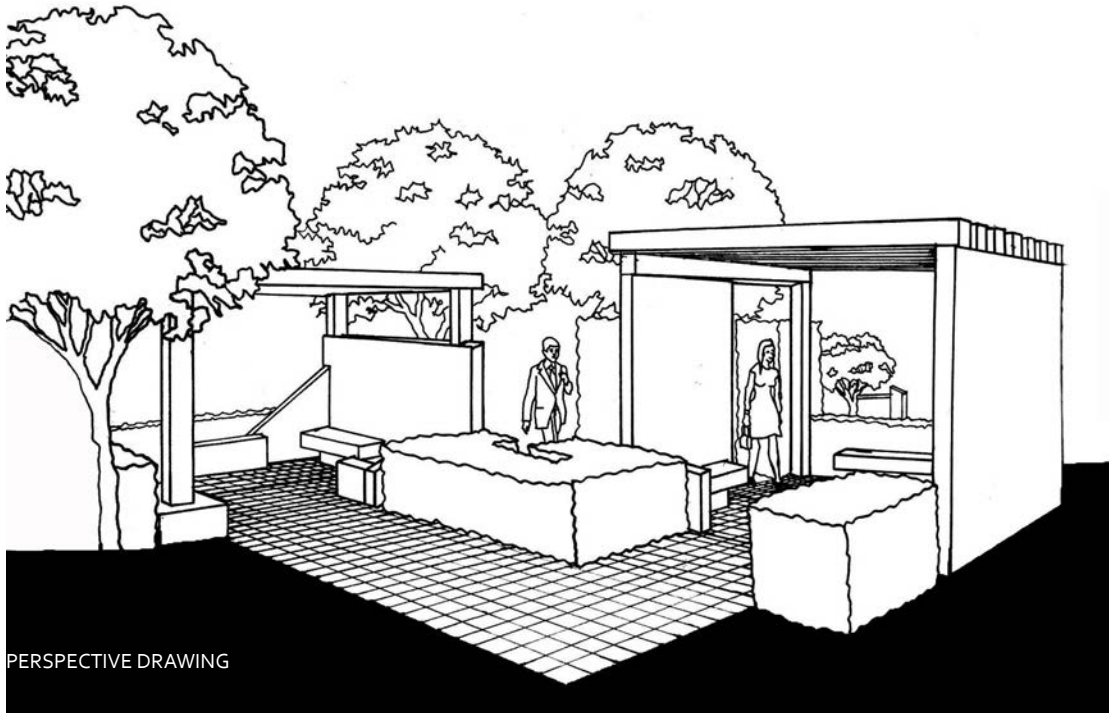
DESCRIPTION:

The aim of this project was to create three separate gathering spaces that are unified and experienced through a single path. The three spaces were to be created to soothe three different seasons (summer, spring and fall). It was most important that each space linked to the other in a smooth transitional manner.

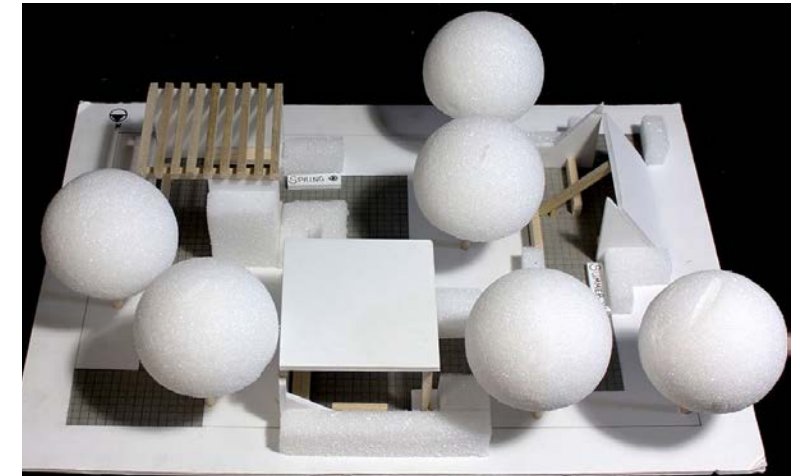
CONCEPT

"I go to nature to be soothed and healed, and have my senses put in order"

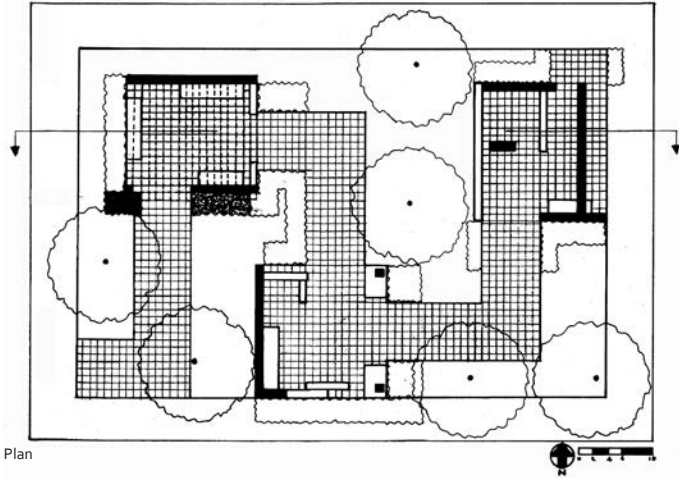
-John Burroughs



Model Photos



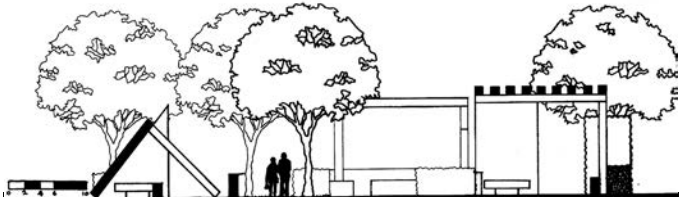
PROFESSOR: Jane Ostergaard



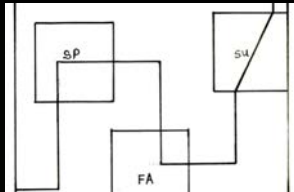
Plan



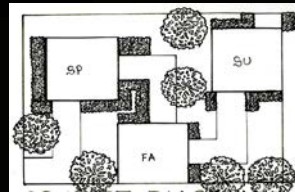
Hnd Rendering



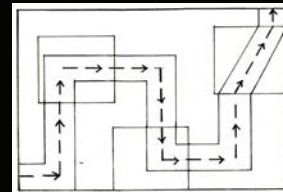
Section



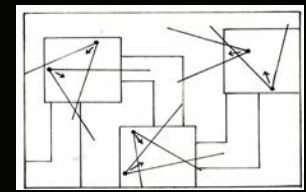
Parti Diagram



Concept Diagram



Circulation Diagram



Concept diagram

NATURE OF MATERIALS

Duration: 2 weeks

Model Photo 1

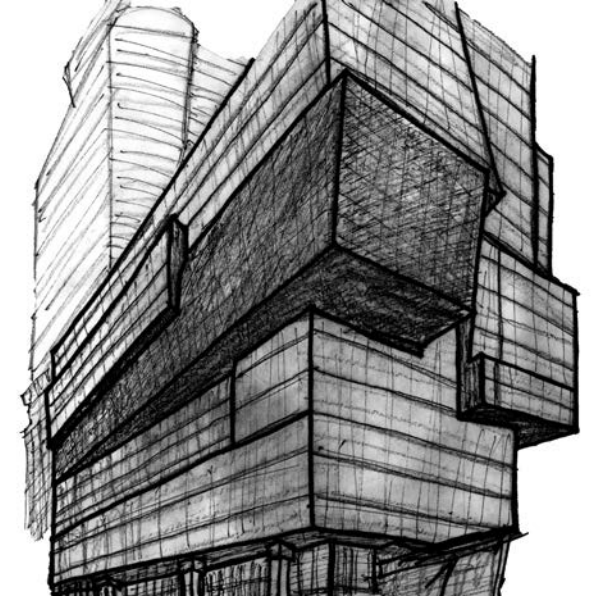


BUILDING:

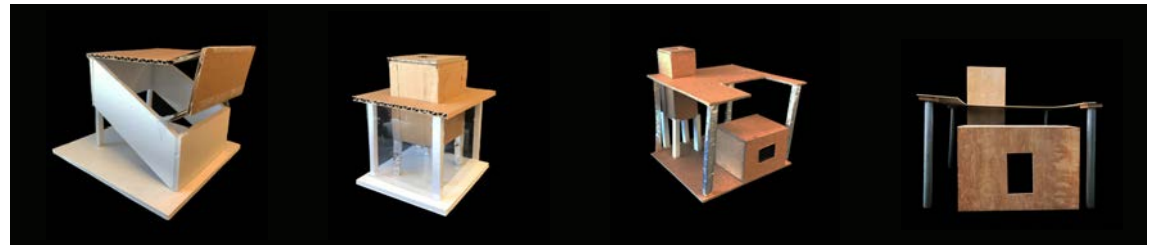
Rosenthal Center of Contemporary Art

DESCRIPTION:

The goal of this project was to select a building of choice and extract major concepts used by the architect(s) in developing the building design. Using three main materials (wood, steel and glass) a large scale model of about 4 feet in height was to be constructed. This model which will represent the concepts derived from the chosen building.

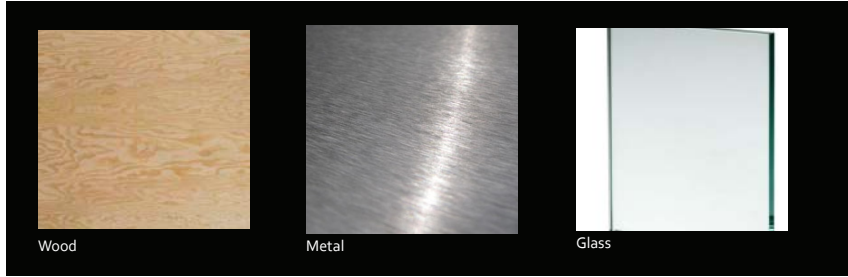


Building Sketch



Process Study Models

PROFESSOR: Jane Ostergaard



Wood

Metal

Glass

CONCEPT:

The concepts derived from the building research and analysis which were implemented into the large scale model are:

- Volume in the variation of concrete and glass mass forms.
- Illusion of infinity
- Reflection of natural light
- Structures existing as a whole but can almost exist independently.



Infinity Illusion



Reflection of natural light

Model Photo 2



INSPIRATIONS COLLAGE

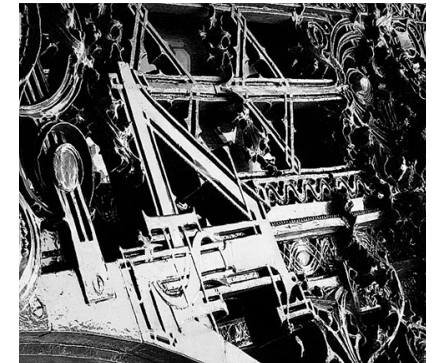
Duration: 2 weeks

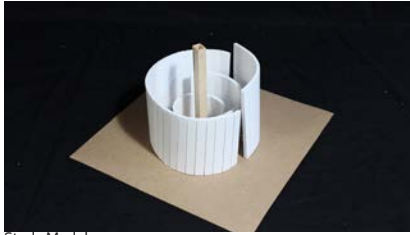
DESCRIPTIPON:

The aim of this project was to find architectural inspirations from downtown Chicago that illustrated architectural terms like; reptition, rhythm, structure, formm, geometry, texture, materiality... These terms which were communicated graphically through images and sketches, then incorporated as a collage into a 3-Dimensional form. This combination of form and images which should work together as a general composition.



Final Model Photo 1





Study Model 1



Study Model 2



Final Model Photo 2

CONCEPT:

The objective of the design was to display the relationship between modern and historical architecture. This concept which I implemented in the images taken, the form created and also the architectural terms represented in the design.

CHICAGO ECOLOGY CENTER

Duration: 10 weeks

DESCRIPTION:

The aim of the project was to create an Ecological Center that will house exhibits and educational programming on sustainability, connecting the surrounding environment to itself. This which would be achieved through a clearly developed and well articulated concept from which the design decisions then evolves from.

Final Model



PROFESSOR: Mark Pearson



CONCEPT

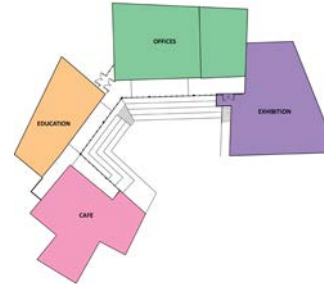
Compressed architecture released into nature, inviting and facilitating human communication with itself and its surrounding environment.



Site



Site Plan



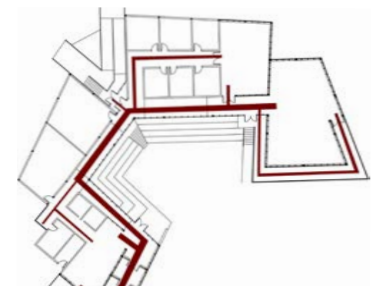
Parti Diagram



Organizational/ Concept Diagram

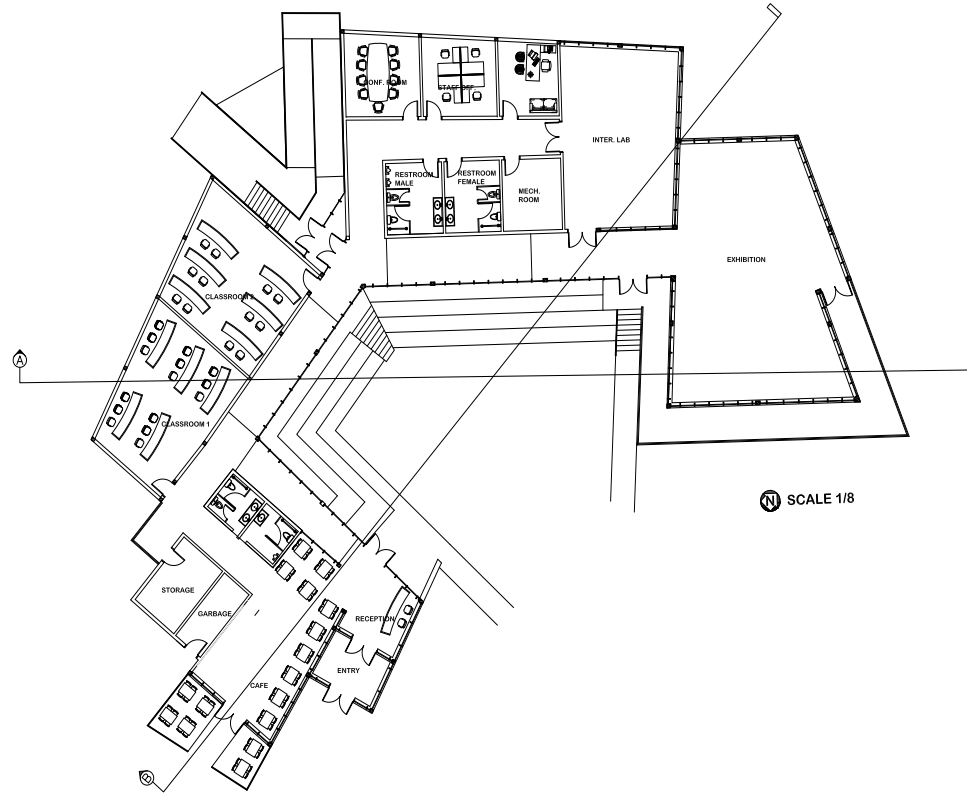


Structural Diagram

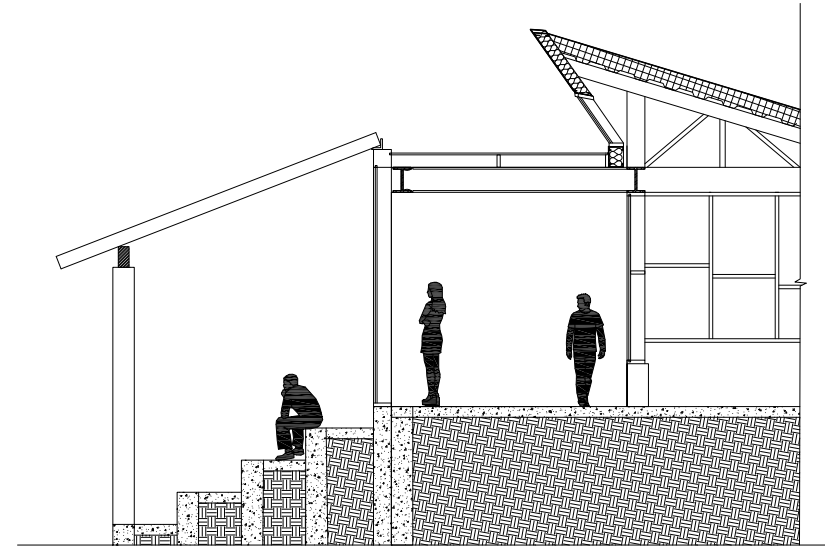


Circulation Diagram

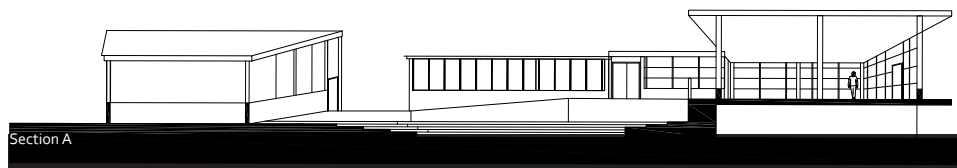
CHICAGO ECOLOGY CENTER



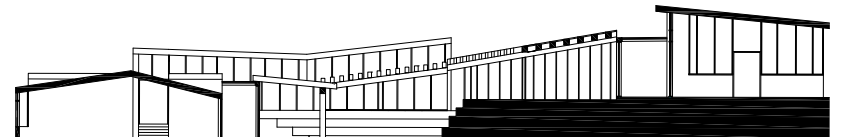
Plan



Detail Section



Section A



Section B

PROFESSOR: Mark Pearson

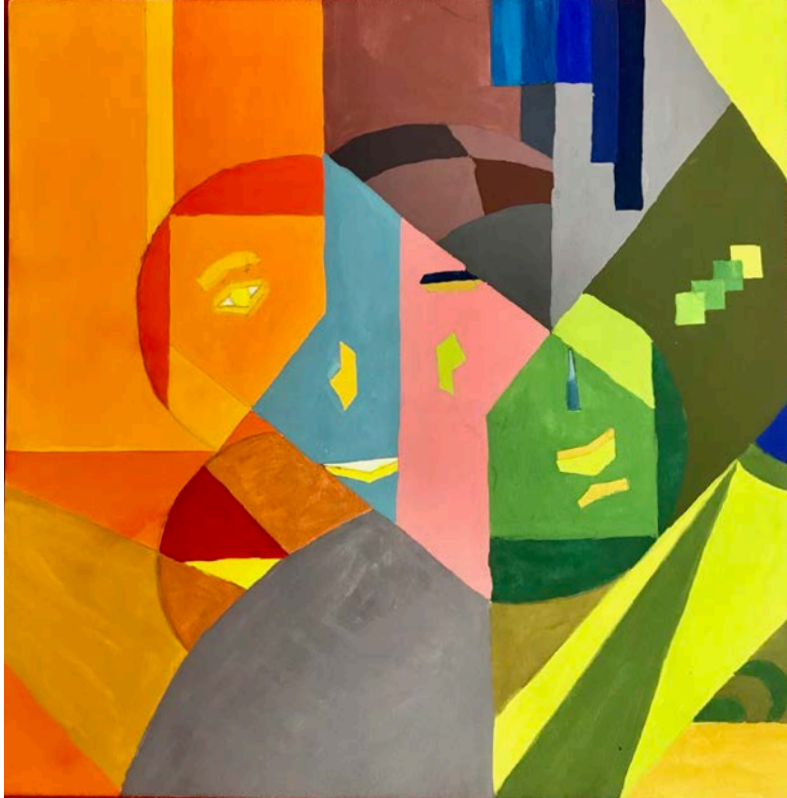


Section Drawing

Final Detail Model



PERSONAL WORKS



Painting



3D Representation of Painting

