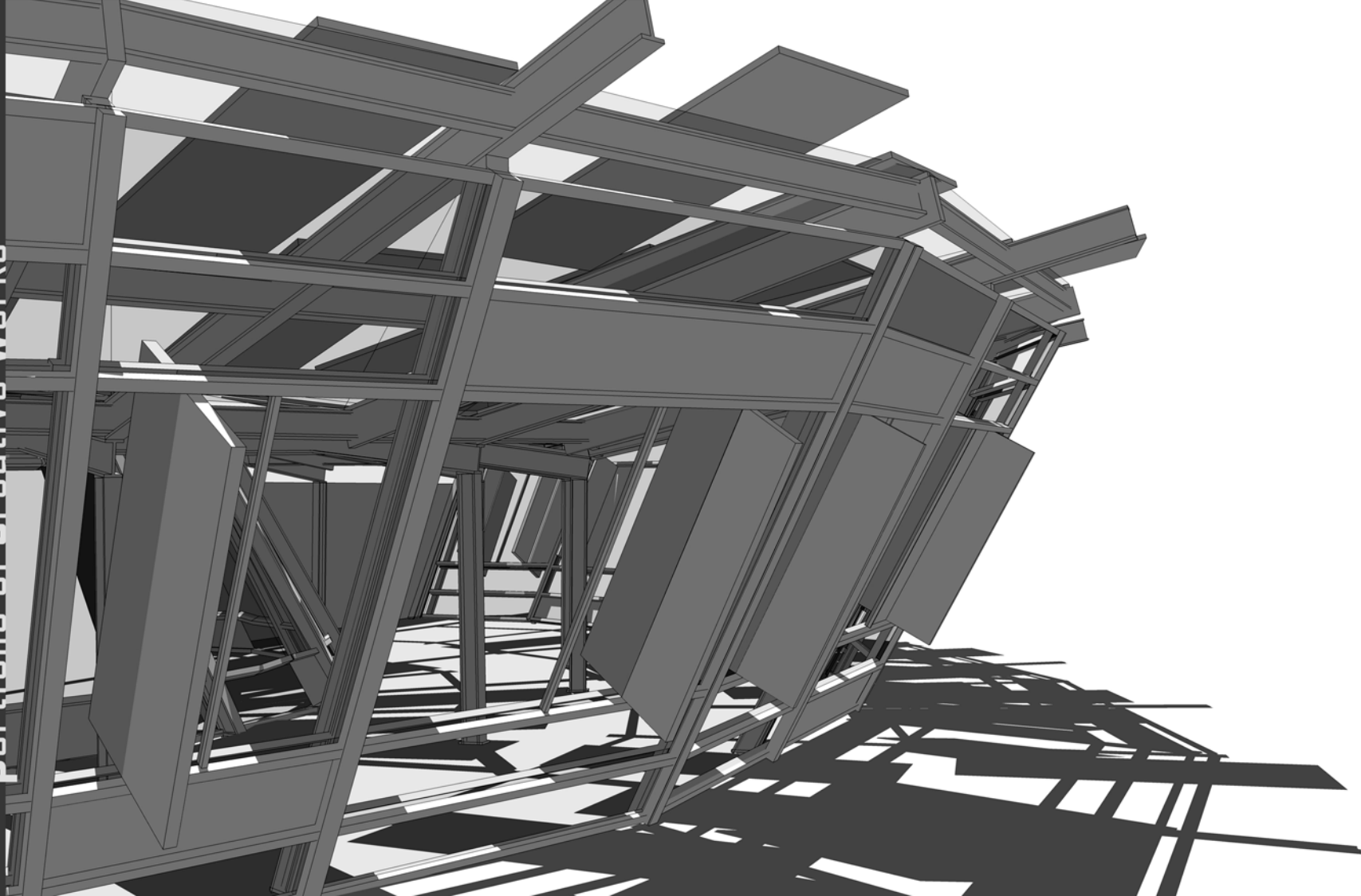
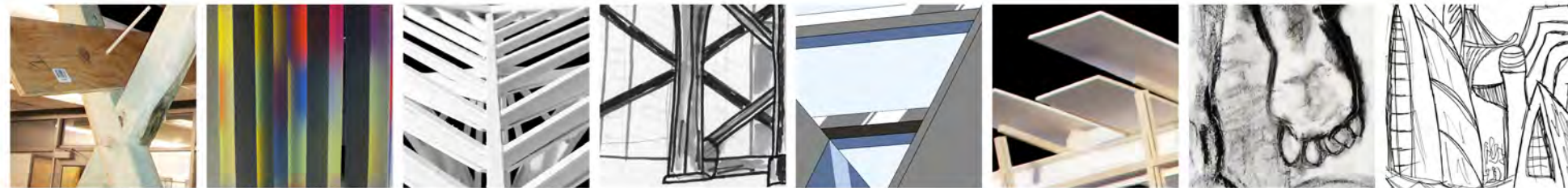


portfolio of creative works

damian rozkuszka



architecture



chicago inspires	1
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arch 2201
architectural design I
fall 2009

INSPIRATIONS - The city of Chicago is the main inspiration in my work, the great urban environment. I grew up here, it is the only city that I have ever known. It is the home of many architectural master pieces. I see countless number of ideas and levels when I look into the city. I see the lines that connect the city, the layers that bring into one mass, the movement and yet it is static. These are some of my favorite photographs I have taken of the city and used in my collage project.



arch 2201
architectural design I
fall 2009
2 weeks



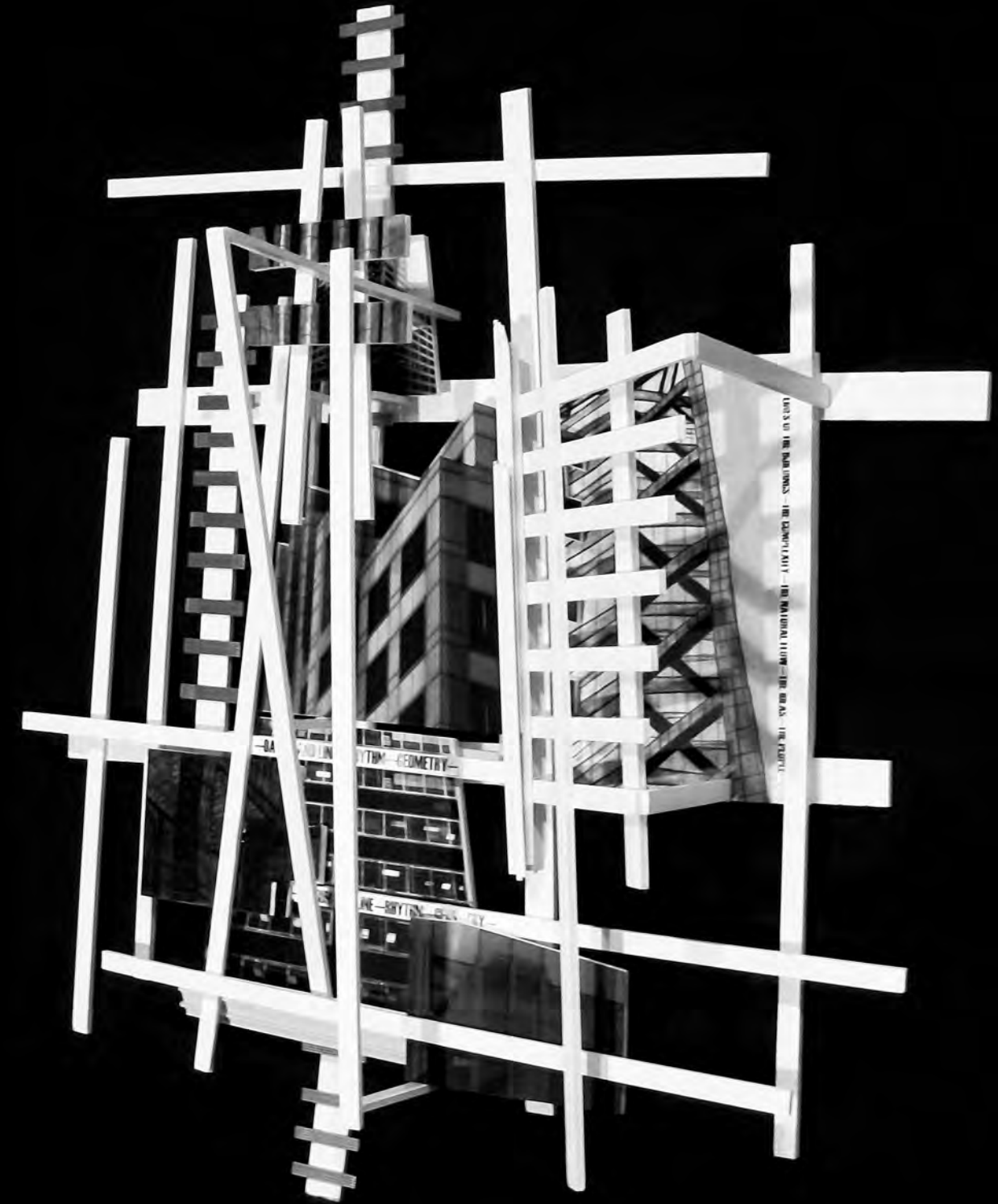
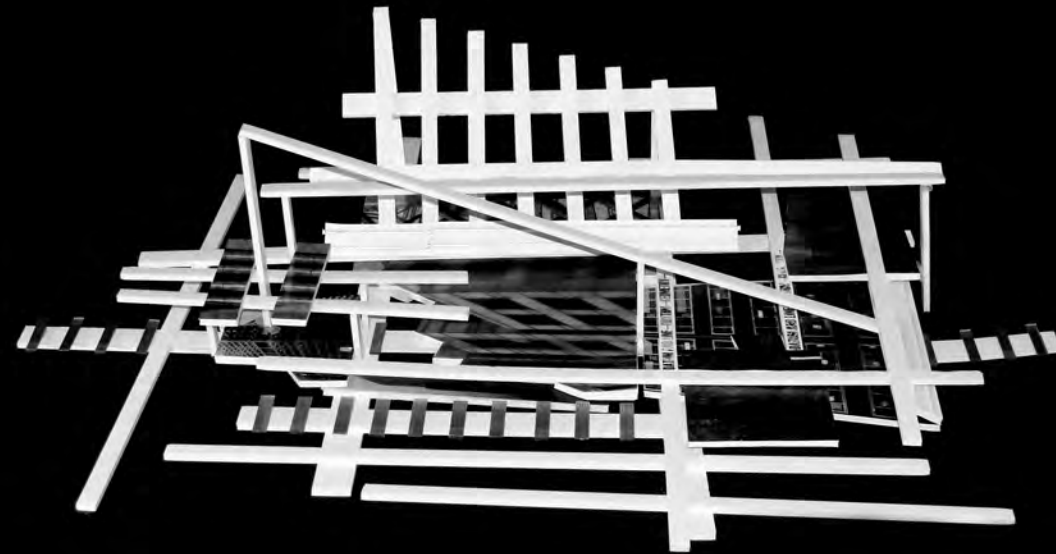
PROGRAM - To create a collage of images, drawings, sketches and text. The collage should be an exploration of the question "where do ideas come from?", "what inspires me?"



SOLUTION - My architectural ideas for the 3-D collage came from the city of Chicago itself. I picked up on the datum and line, geometry, and rhythm of the city and it's complex layered urban environment.



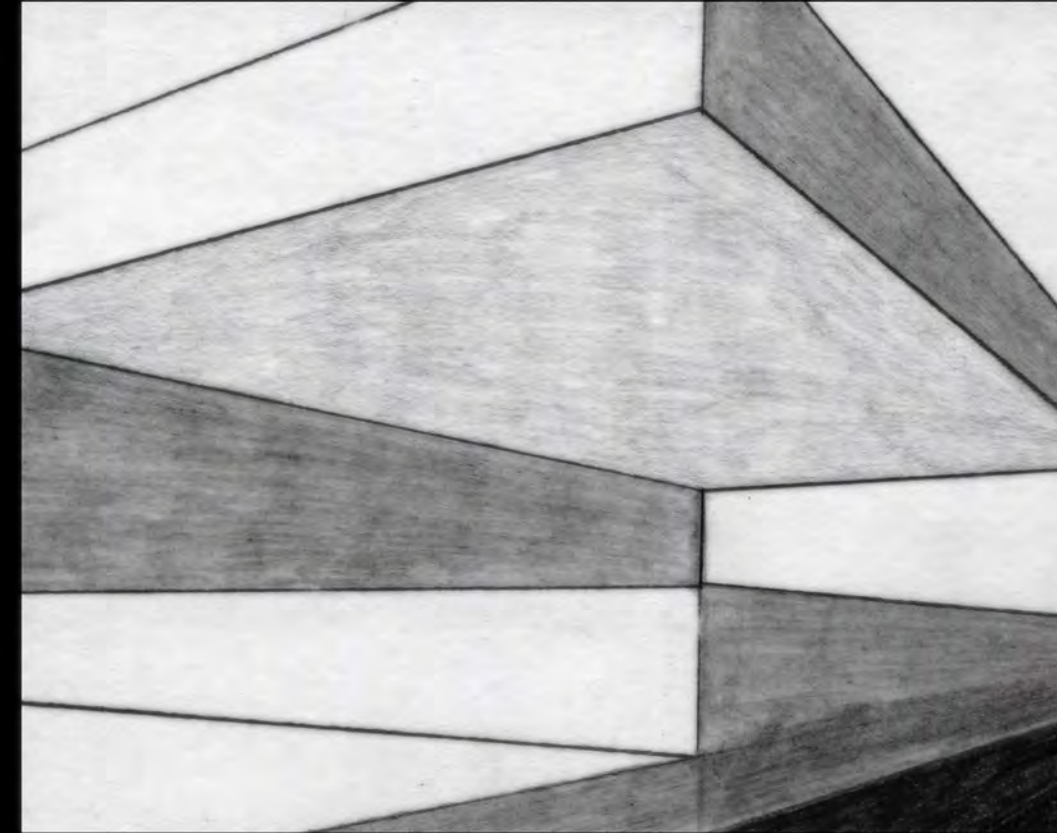
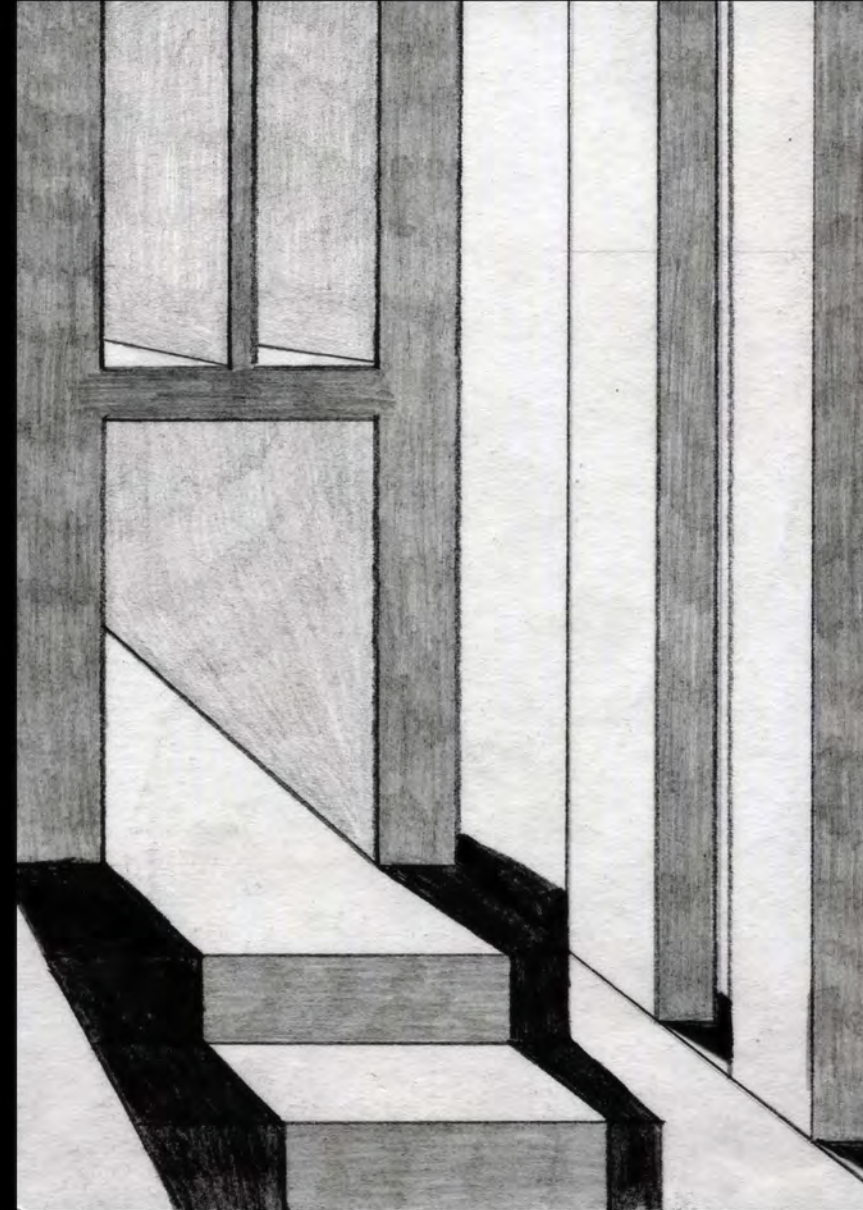
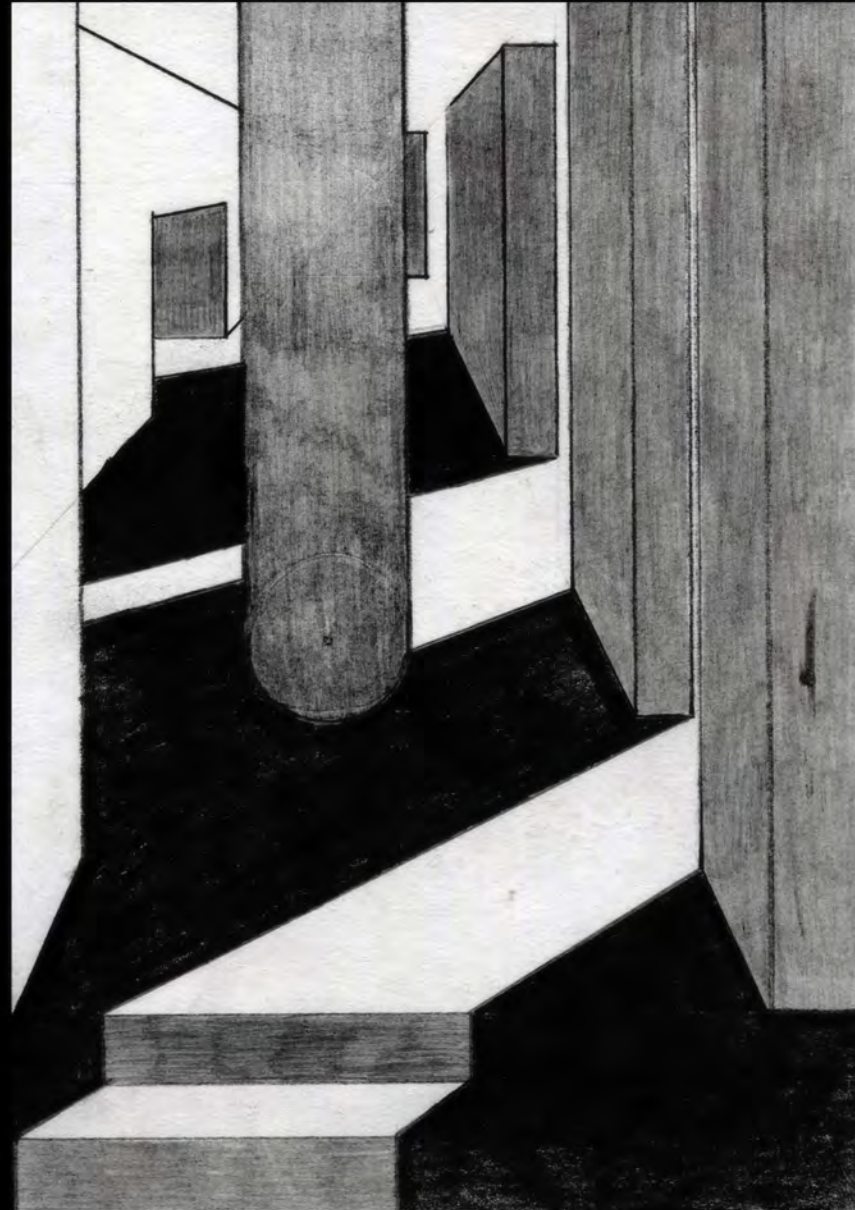
PROCESS - With my study models, I try to turn the words into physical forms that could represent and build upon the inspiration.



arch 1121
architectural design communication
fall 2008
1 week

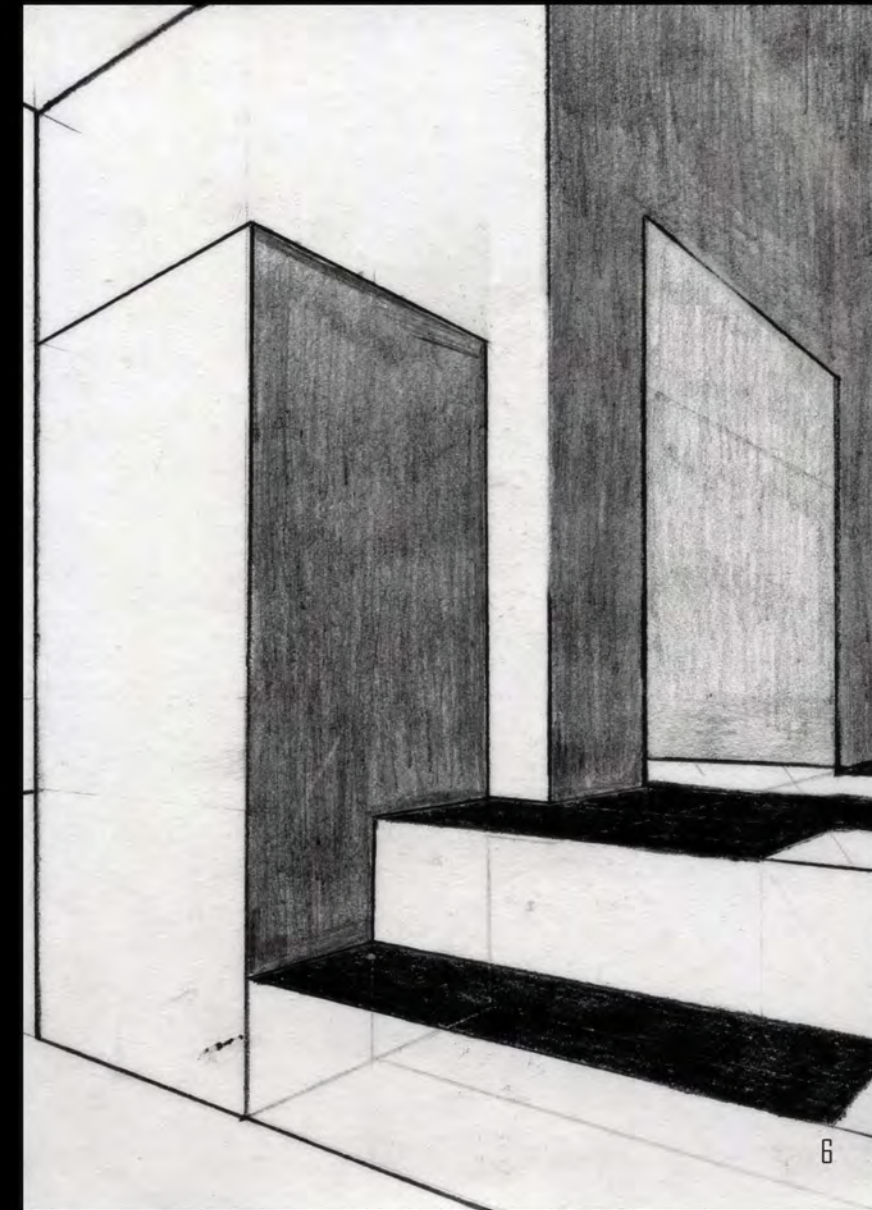
one point perspectives

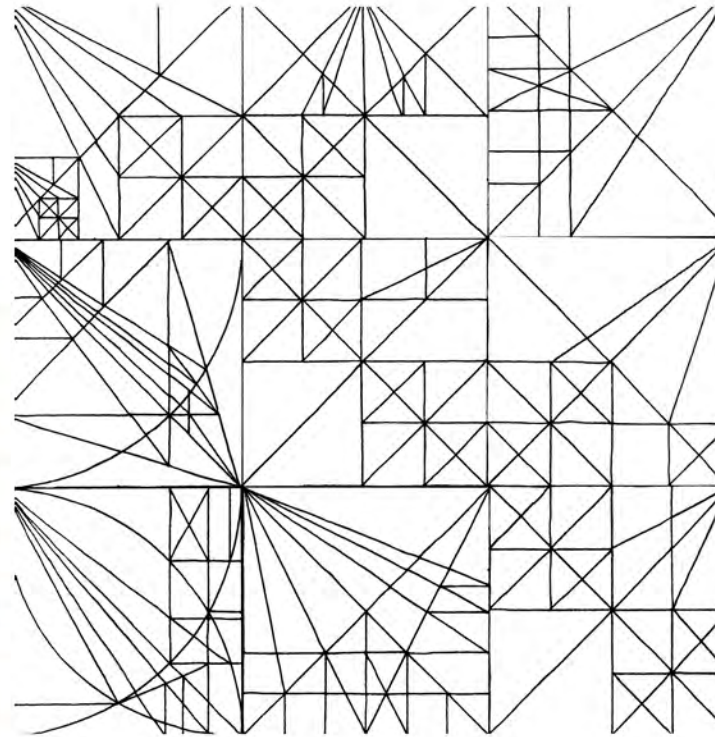
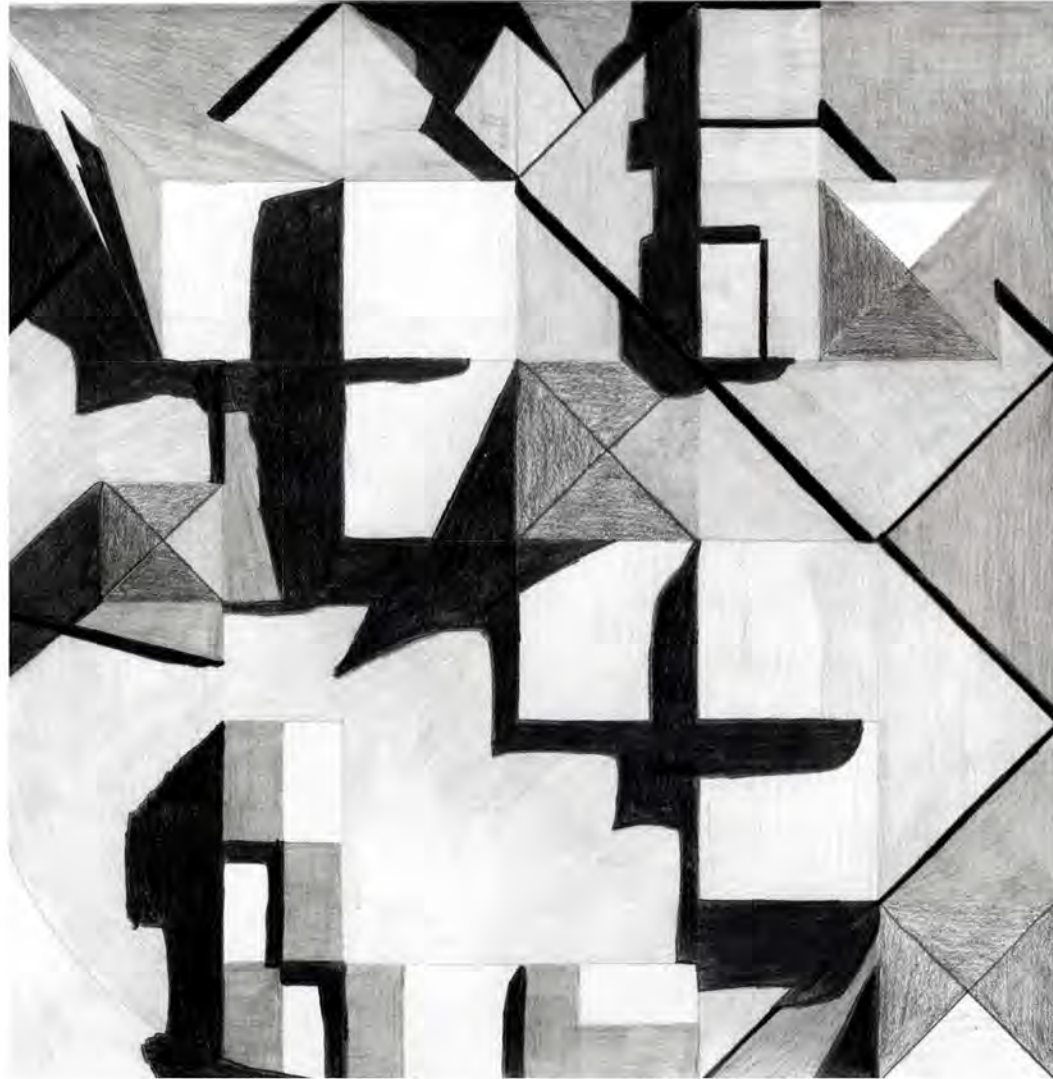
two point perspectives



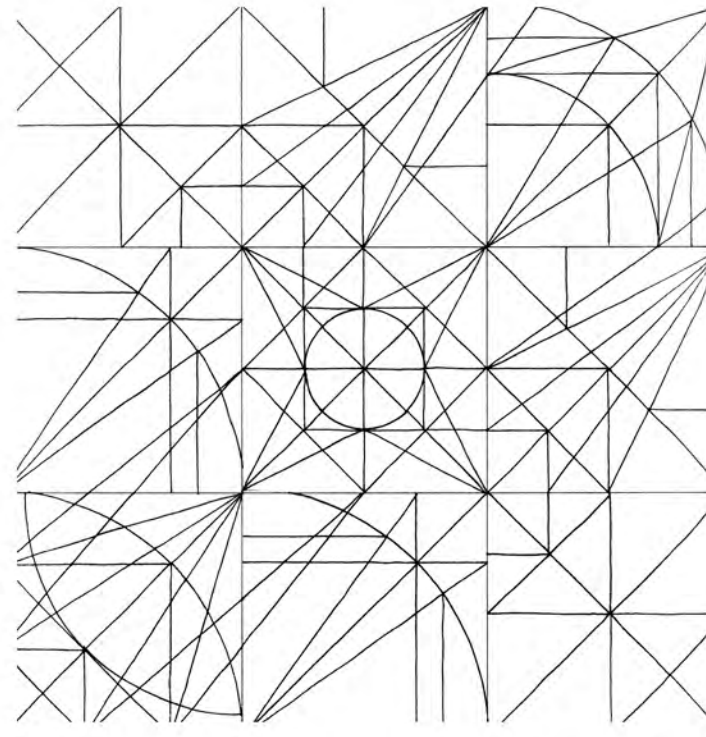
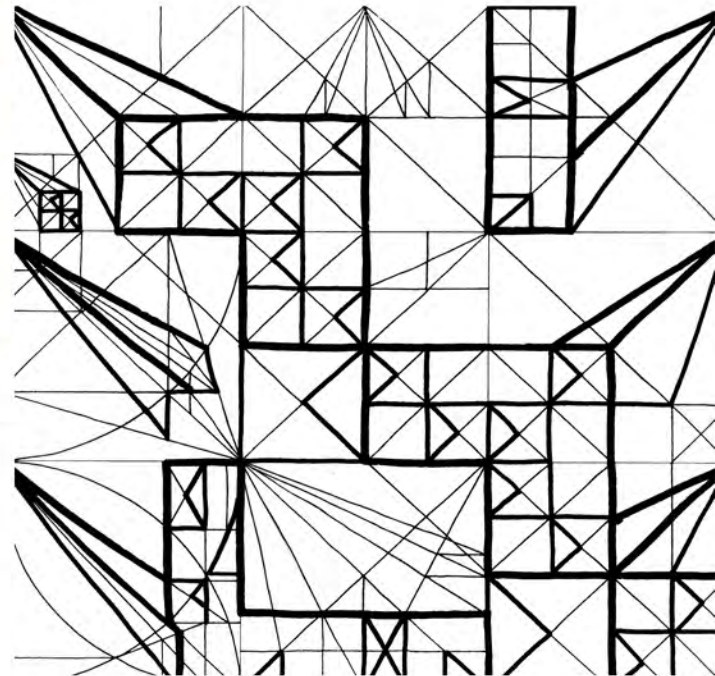
PROGRAM - An exercise in designing architectural spaces through the use of one and two point perspective technique. Then adding shadows to enhance the mood of the space, we then see the influence of light.

SOLUTION - I used the horizon line to set the level of the space. Then added plans and walls to give the space an architectural presence and then finally included accurate shadows to enhance the atmosphere and to help convey the forms.

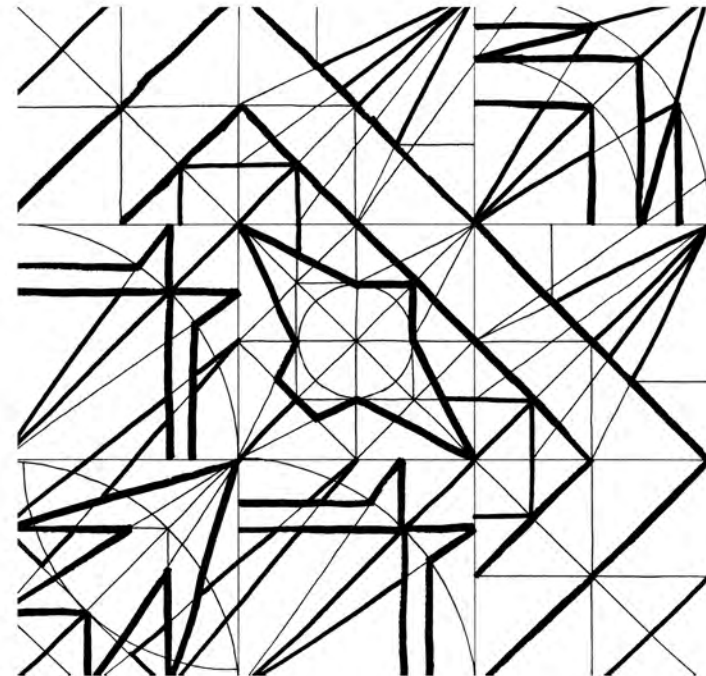




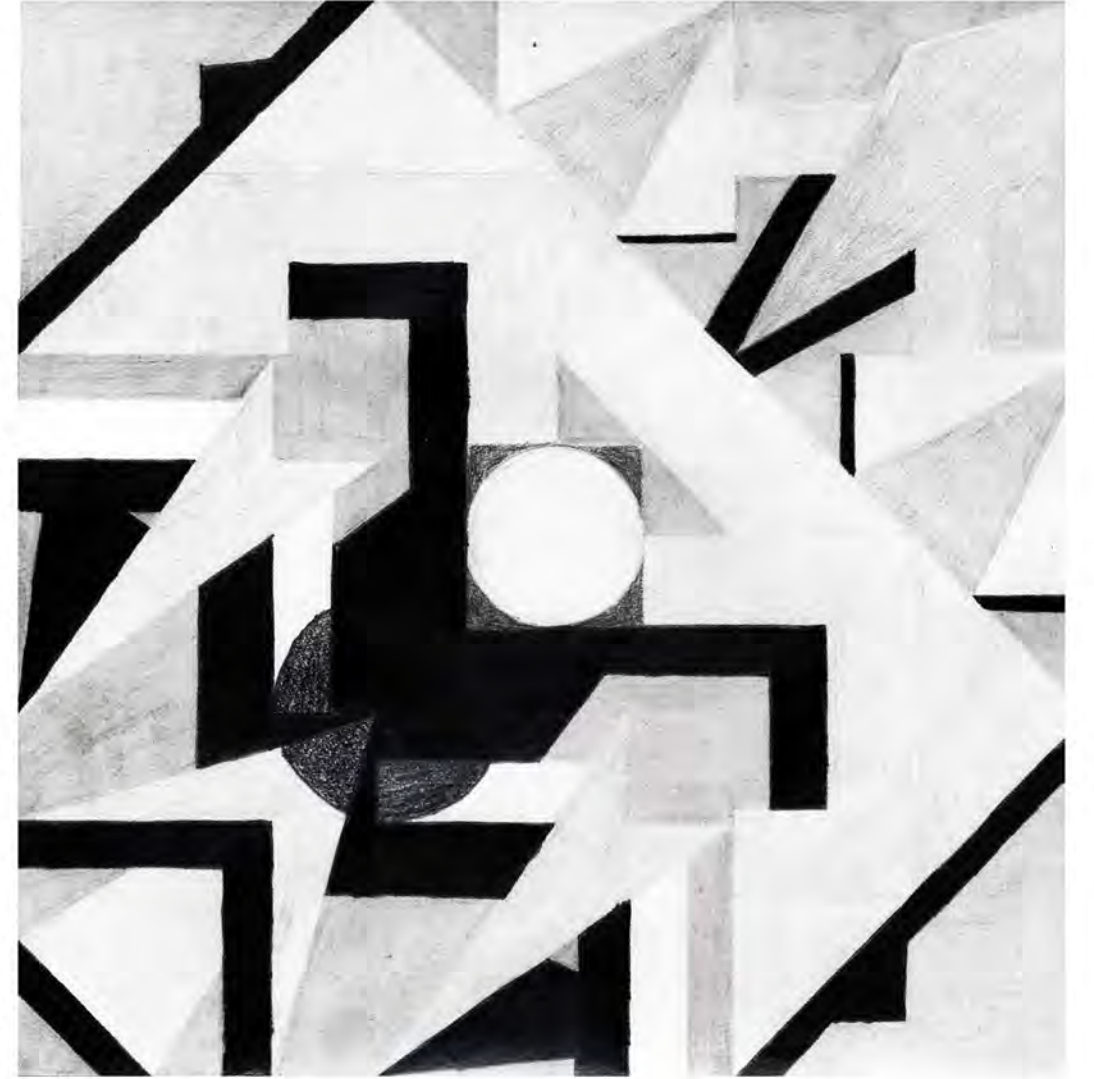
asymmetrical compositions



symmetrical compositions

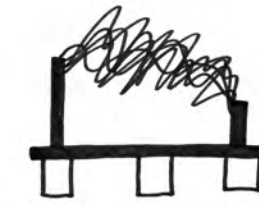
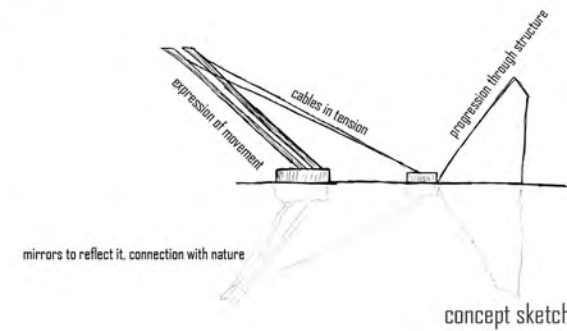
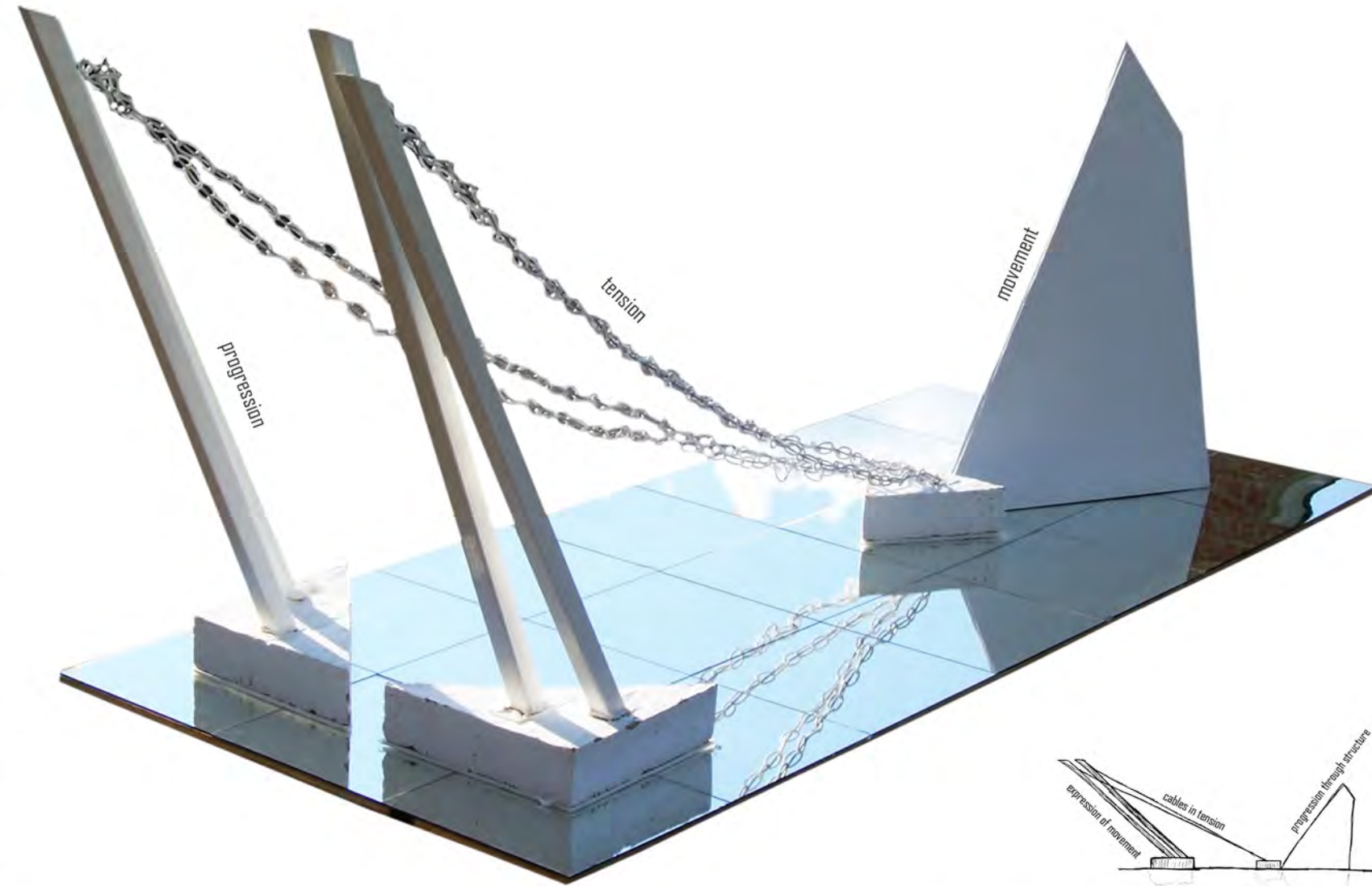


PROGRAM - A set of two drawings, one symmetrical, and one asymmetrical. Form and hierarchy are to be achieved through these drawings.



SOLUTION - My process was to first start with lines that by themselves made interesting shapes and forms. Then I added lines and hierarchy to the composition. Finally I used shade and shadow to bring the forms out.

arch 1131
introduction to architectural design
spring 2008
3 weeks



static movement



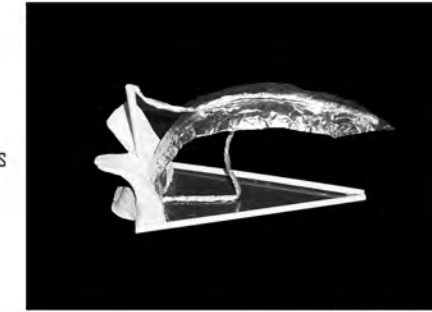
coming to life



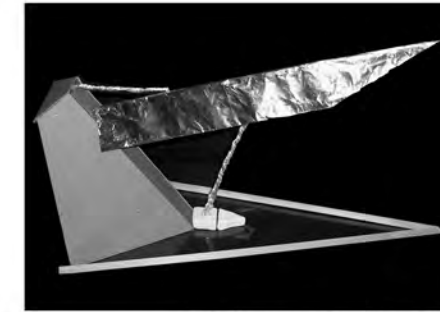
structural power

preliminary sketches

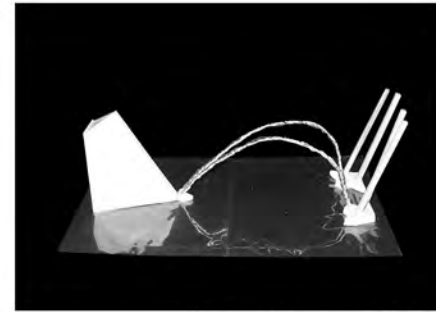
study models



study of movement



study of movement and structure



further development of studies

PROGRAM - To design and build a large model that abstractly describes the ideas of a significant, 20th century architectural work using metal, wood, concrete and glass in a way that is responsive to their characteristics.

SOLUTION - My architectural work was City of Arts and Sciences by Santiago Calatrava. In his work I see intelligent technological solutions to structural problems and design. My concept for the model was to focus on the movement that comes through his work and to give that movement a structural representation.



structural forces

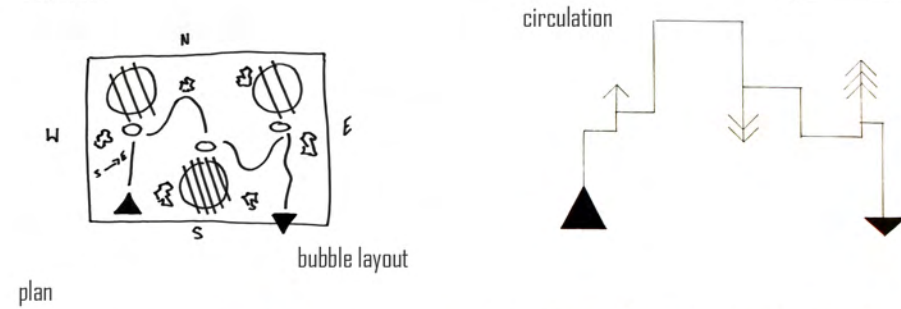


connection with nature

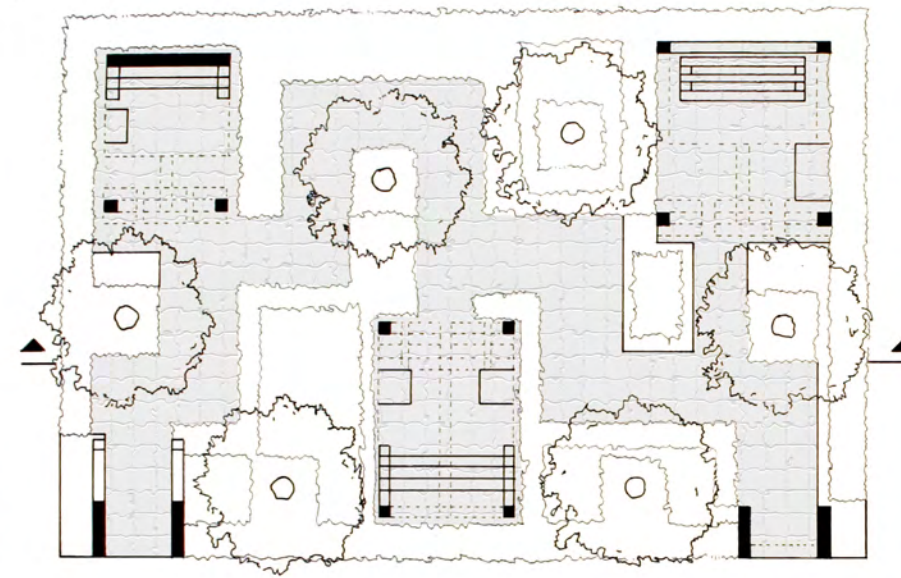


structural connections

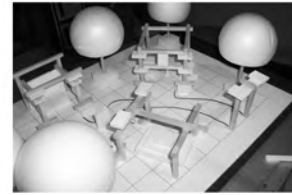
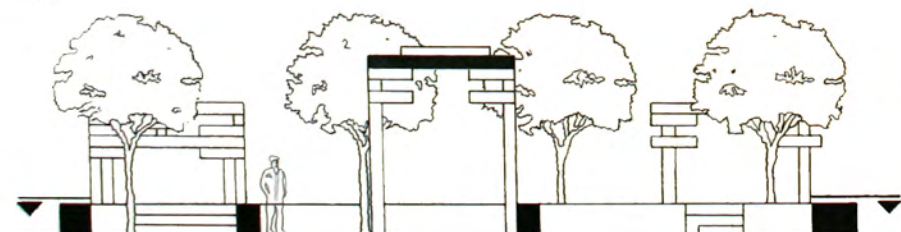
arch 1131
introduction to architectural design
spring 2008
3 weeks



plan



section



study models

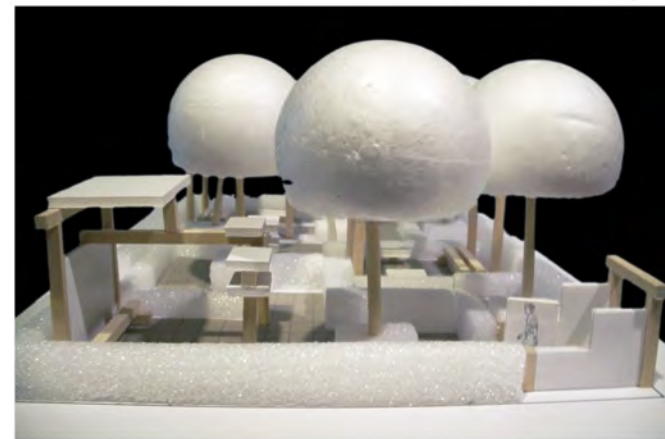
entrance and exit view



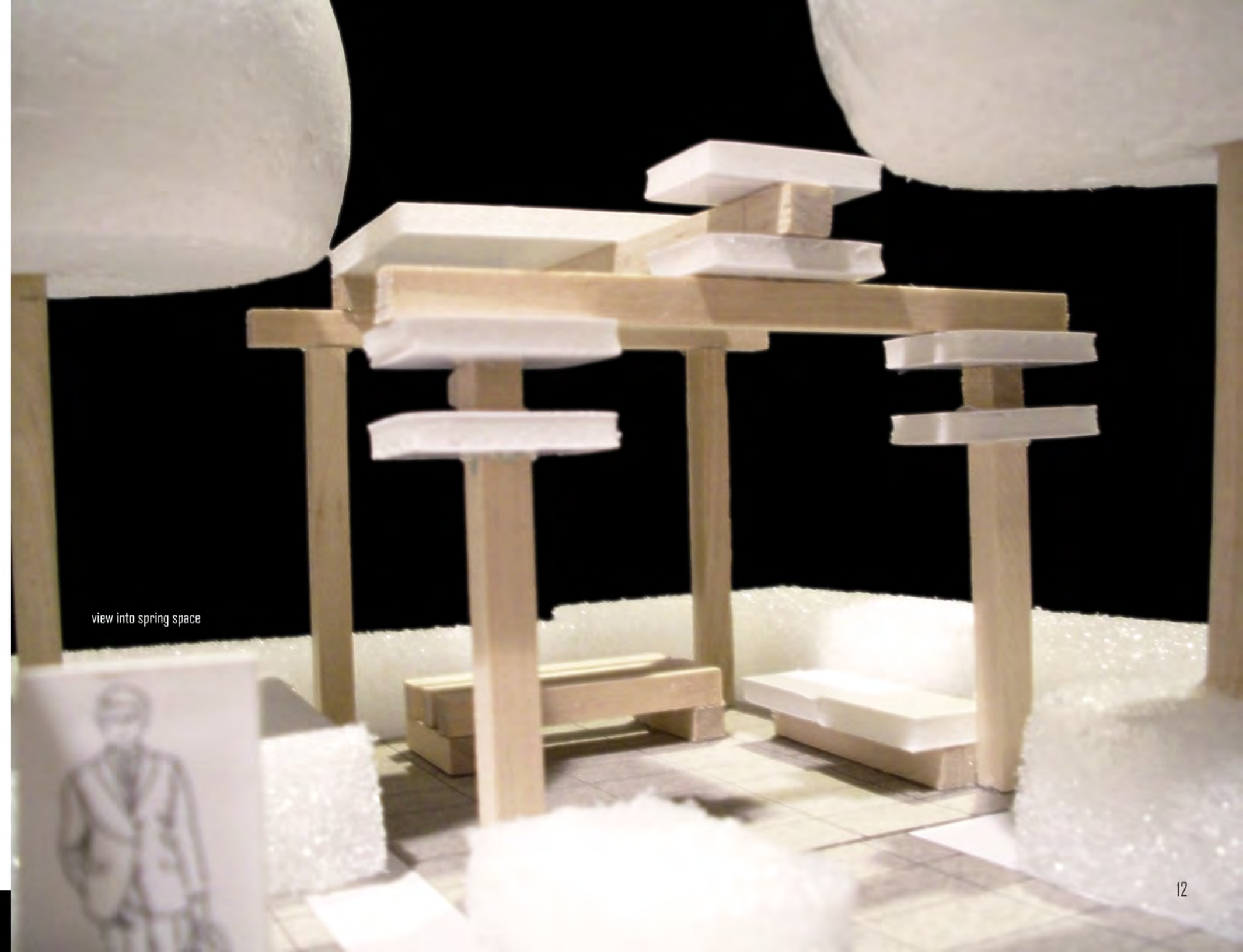
PROGRAM - A sequence of three spaces within a park formed with simple and limited architectural elements combined with land forms and landscape materials.

SOLUTION - My concept was to create a space which was one with nature, welcoming, and relaxing. After a hard week, the space welcomes you to just take it off and take a long deep breath. The goal was to have visitors walk out with heads held up high.

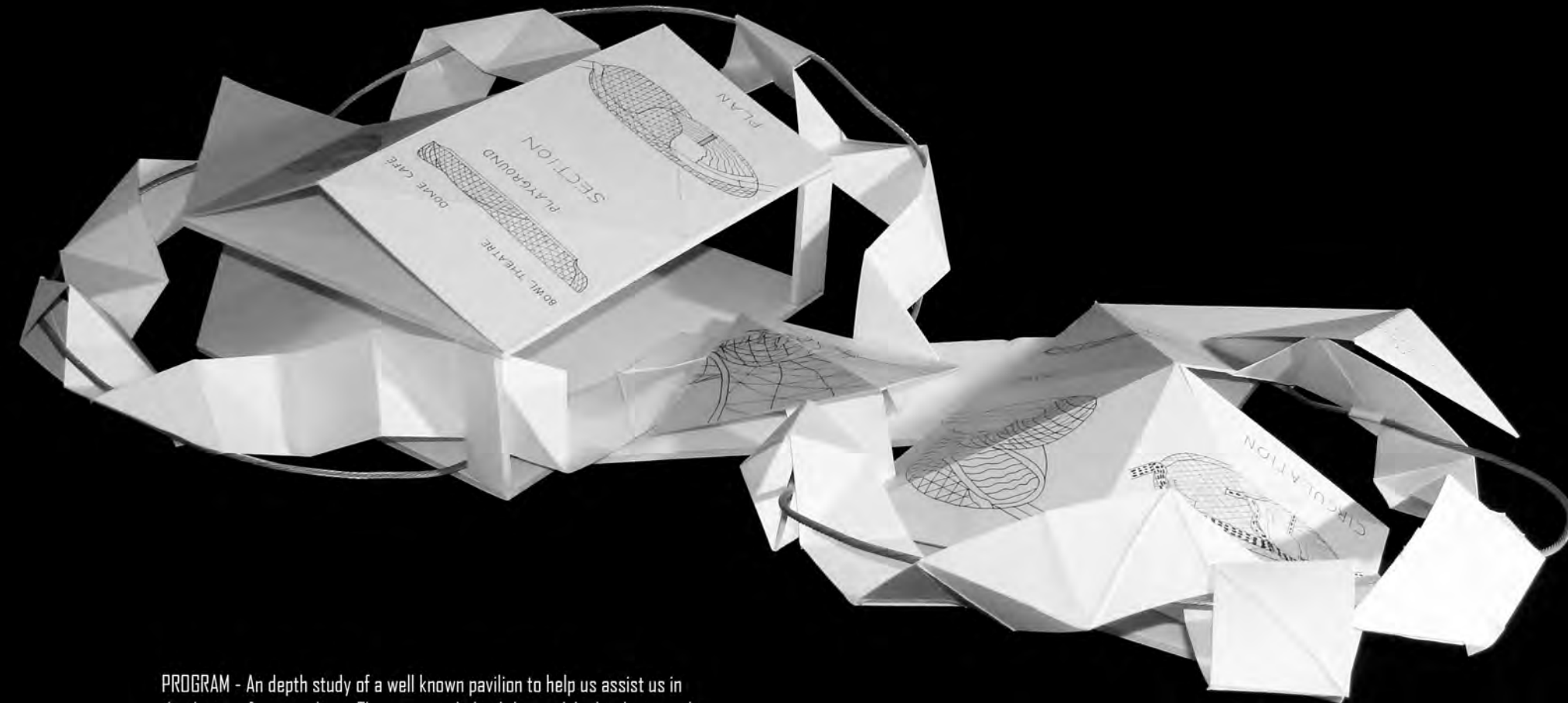
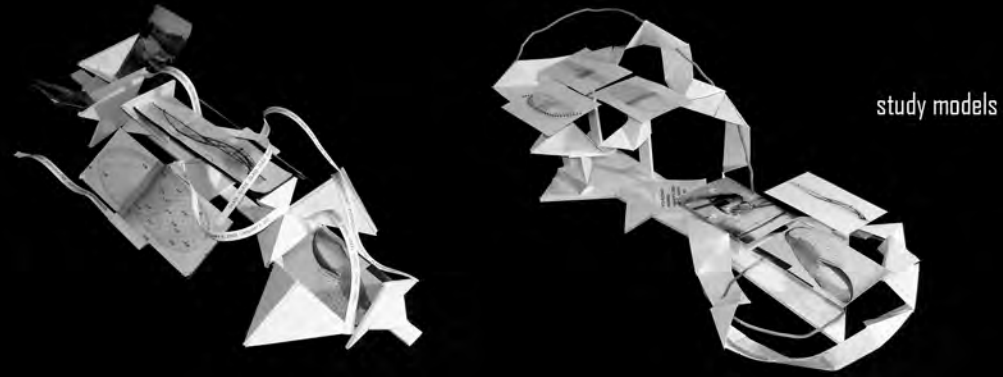
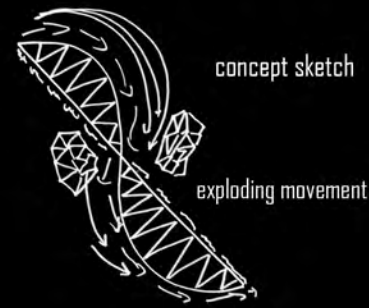
view into entrance and fall space



view into spring space



arch 2201
architectural design I
fall 2009
2 weeks



PROGRAM - An depth study of a well known pavilion to help us assist us in the design of our pavilions. The concepts behind the work had to be turned into a conceptual model.

SOLUTION - I studied the Murinsel by Vito Acconci. The concepts that I found to be important in work included the bridging of the two sides of the city and complex geometry from simple shapes.

arch 2250
structural systems
fall 2009
2 weeks



we used the strong X connection which gave us stability



we added reinforcements to give us the needed cross bracing

PROGRAM - To design a structure that could support 3 group members lift above grade and be big enough for one member to do a 360 on the platform. The use of nails, glues, and other mechanical connection was not allowed.

SOLUTION - The group decided to use the natural strength of the X brace to give us the structural stability. We used cut and groved connections plus the dole rods to give us our moment connections.

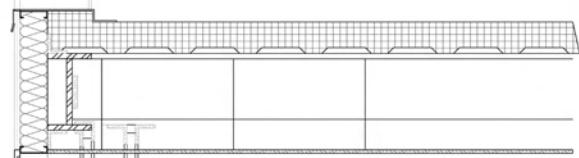
GOING GREEN - The structure is made out of recycled materials. The wood and even the ping pong table used for the base have all been recycled and re-used for our structure.



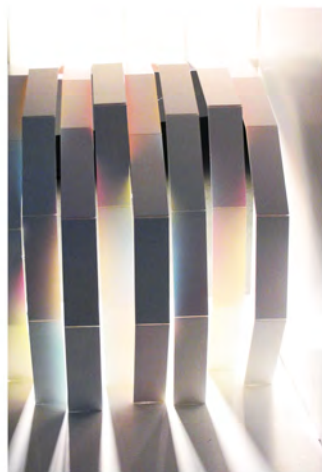
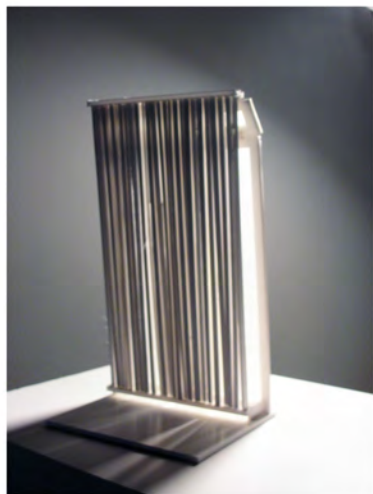
we used strong groved in connections to hold the base up



arch 2202
architectural design 2
spring 2010
1 week

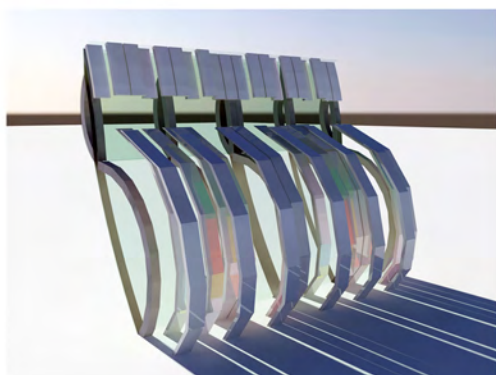


Preliminary - Study models that try to put our concepts into a actual wall.



PROGRAM - In a group with 3 other members, design a south facing light wall that portrays a sense of space and mood. The design process is through section and modeled at 1-1/2" scale.

SOLUTION - Our combined concepts all wanted to explore the change of time with light and create a energetic space. We came to the idea of a playful space that has a dramatic shadow move through time.



PROCESS - With each of these study models we explored different aspects of light and color to reach our final idea and design.



light modulating wall



June 21st

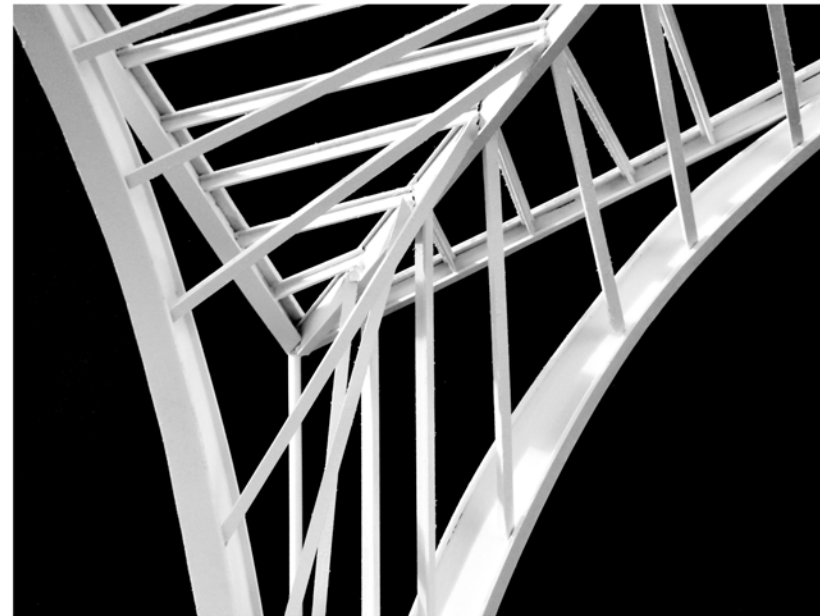
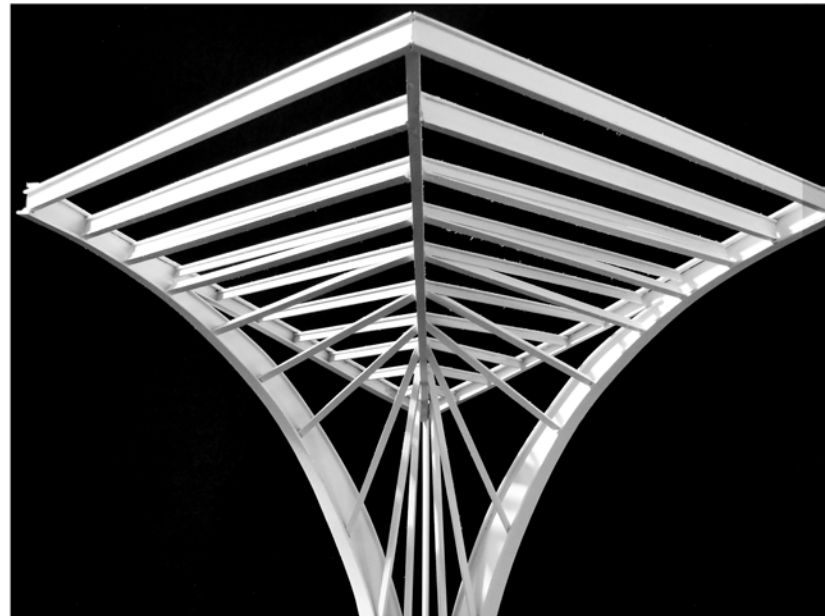
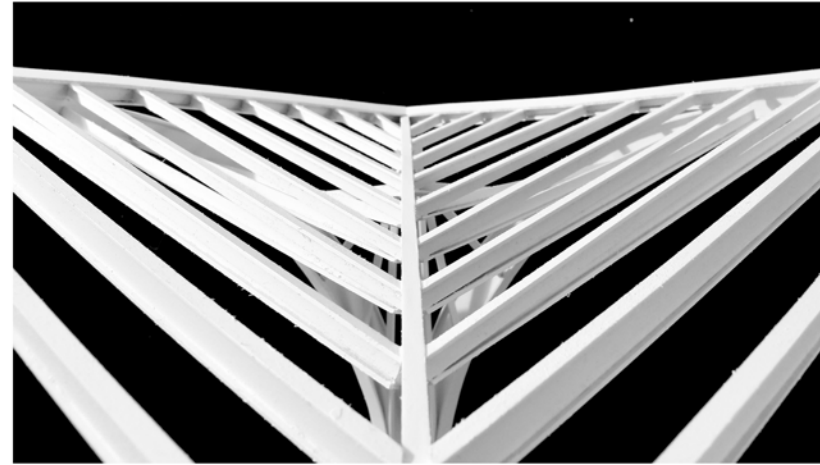


December 21st

arch 2250
structural systems
fall 2009
1 week

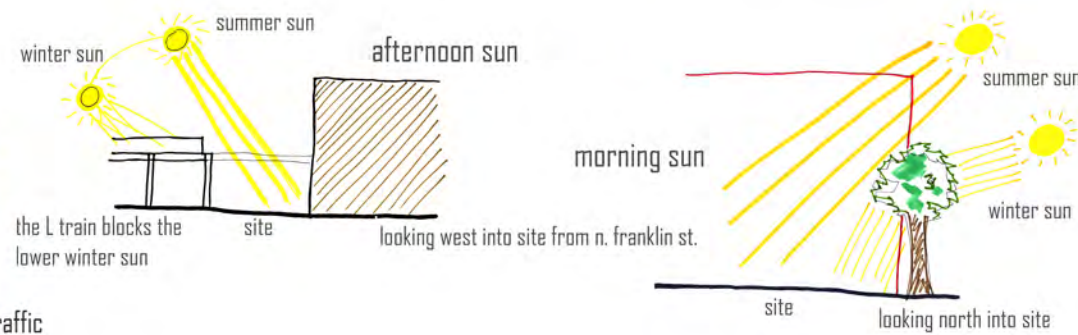
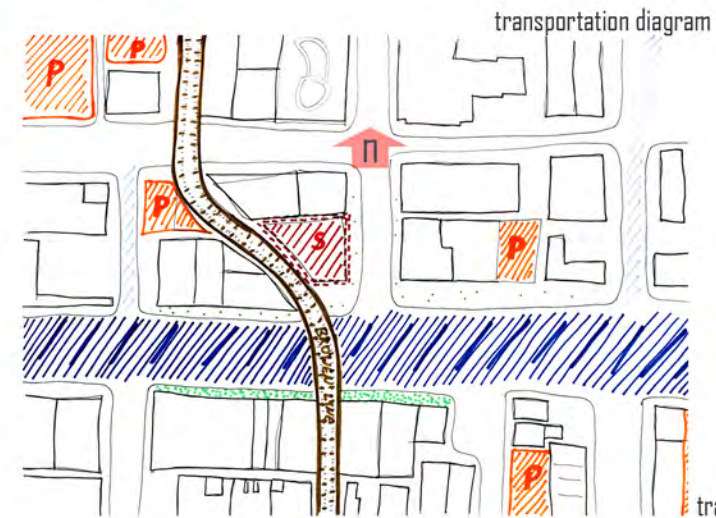
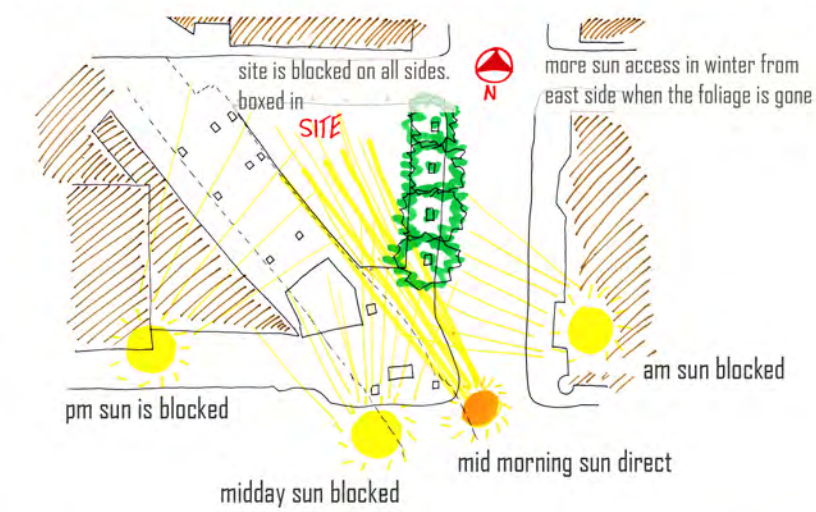
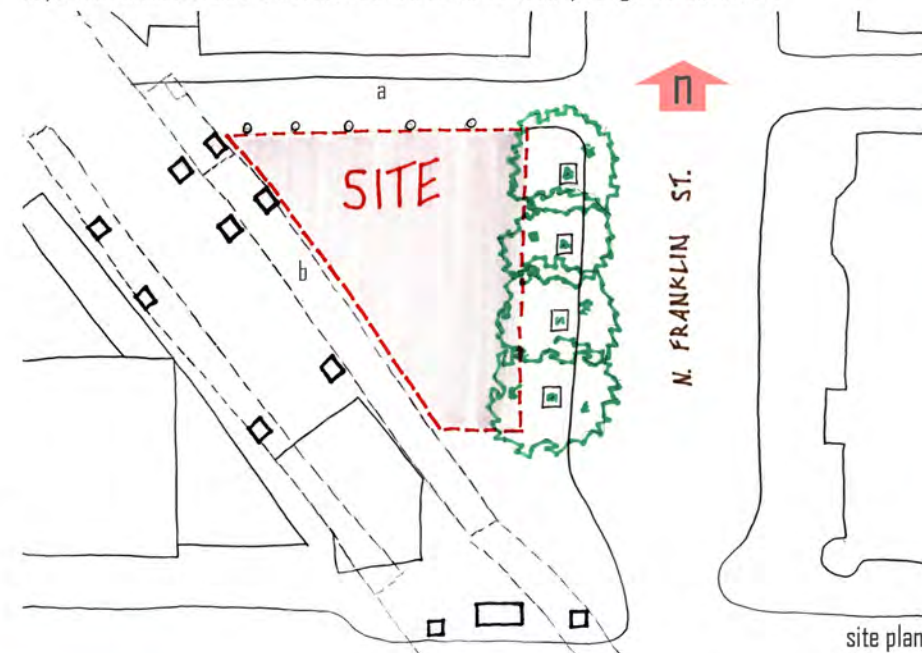
PROGRAM - To do a in depth study, with a group of 3 other peers, of a architectural work that has interesting structural components to it. Then we have to built a 5 ft tall model of a section showing off the structural significances.

SOLUTION - We picked the Orient Station by Santiago Calatrava to model and study. We learned that the design of the trees is broken down into 4 sections and is repeated, we modelled one of these sections.



arch 2202
architectural design 2
spring 2010
1 day

PROGRAM - Our main project for spring 2010 is a urban infill building. I believe site context is very important when it comes to architecture. It is one of the keys to good architecture.



site sketches

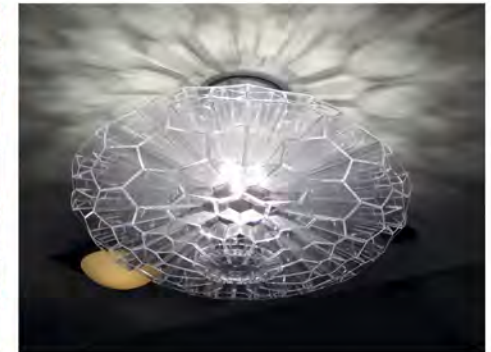
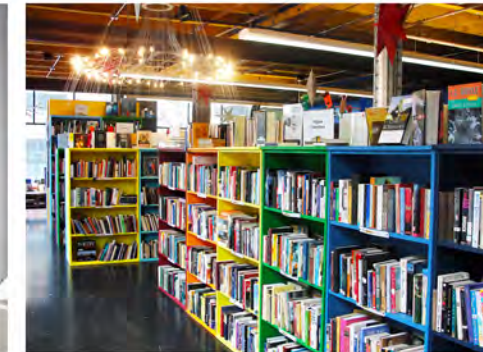
looking north from inside the site



looking east onto "L" from inside the site

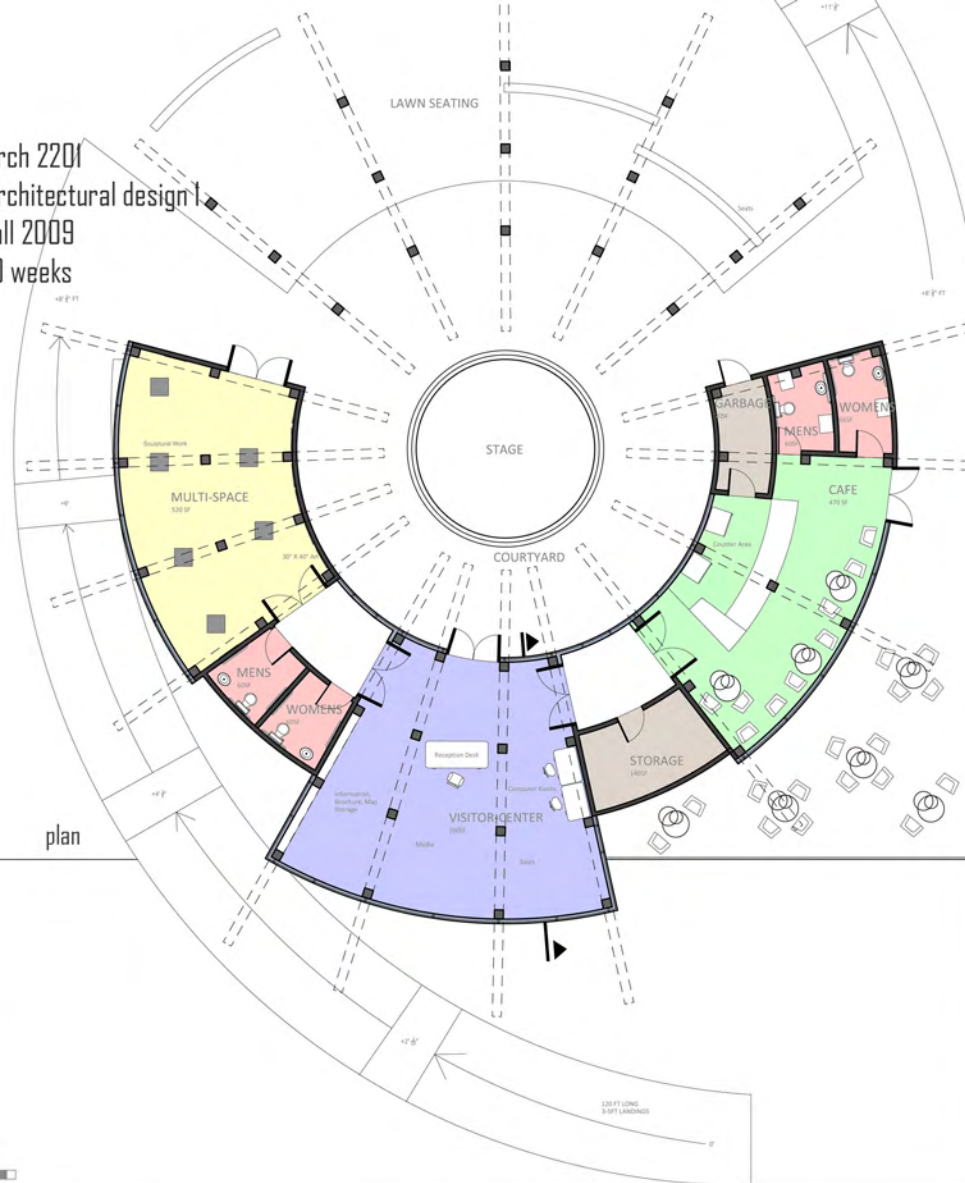


character and spirit of the neighborhood



SOLUTION - I studied the future site of my infill. I took special care to get to know the urban aspect of the neighborhood. I really want the building to have a connection with the site.

arch 2201
architectural design I
fall 2009
10 weeks



PROGRAM - To create a visitors pavilion for Chicago that is site specific and has a deep connection to the city itself. The Pavilion needs to have a multi-purpose space, a visited center, and a cafe.

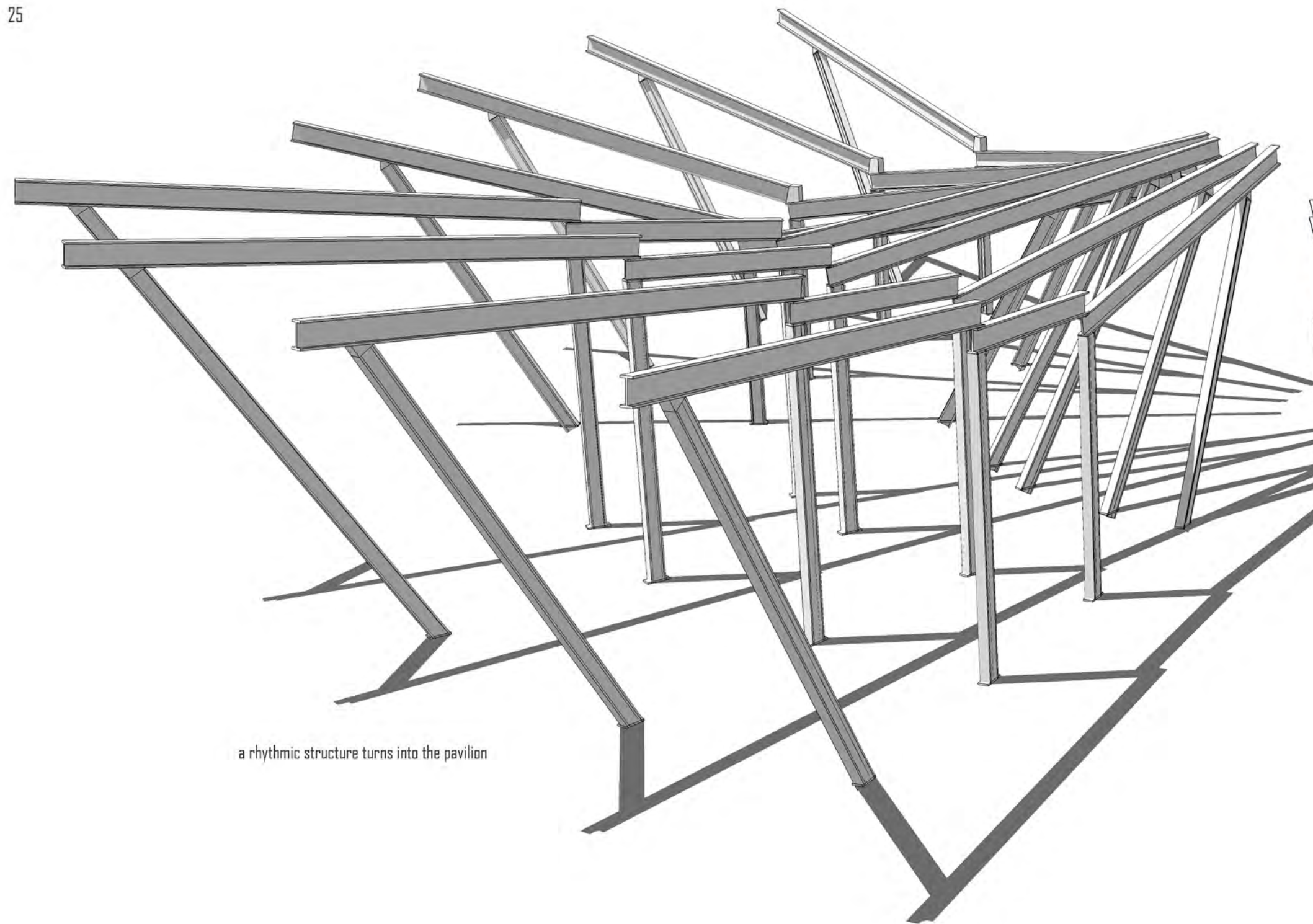
SOLUTION - My concept was to go into the traditions of city and use those as my inspiration for the pavilion. Music is the driving force I picked. The rhythm, the structure, and organization. The emotions music brings, I want to achieve with light.

MONORE STREET

LAKESHORE DRIVE

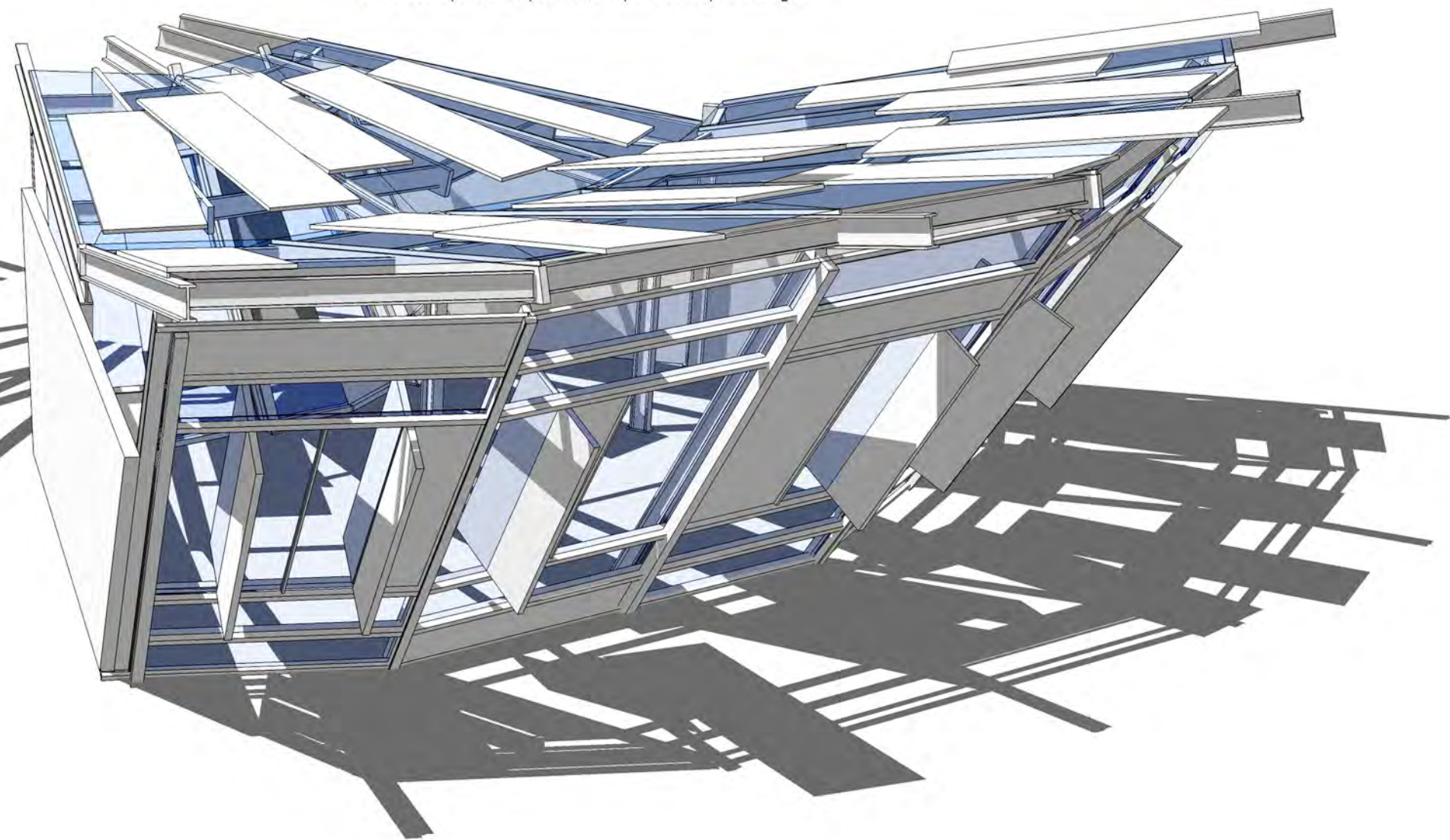
section

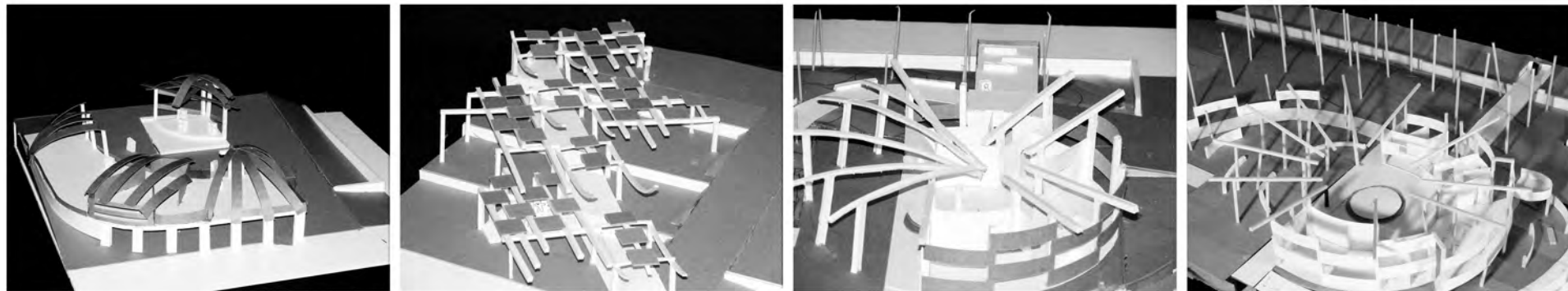




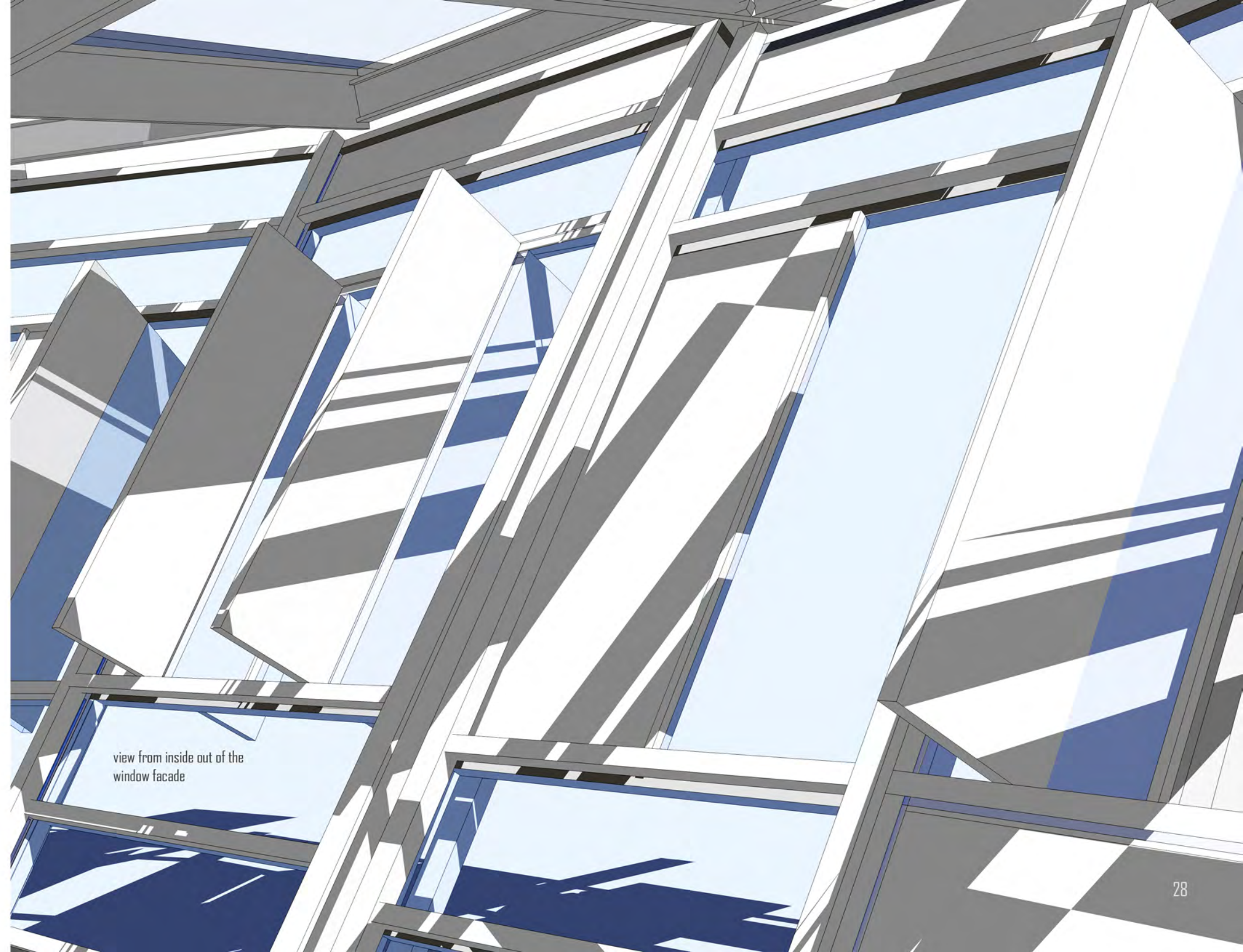
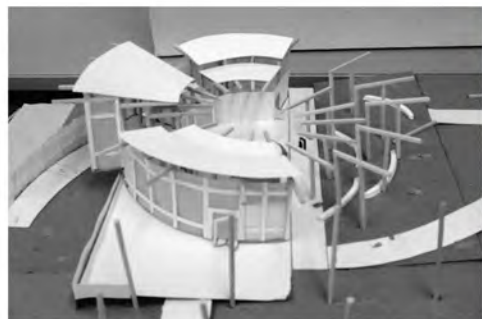
a rhythmic structure turns into the pavilion

sun shade layered roof provides a rhythmic atmosphere of lights

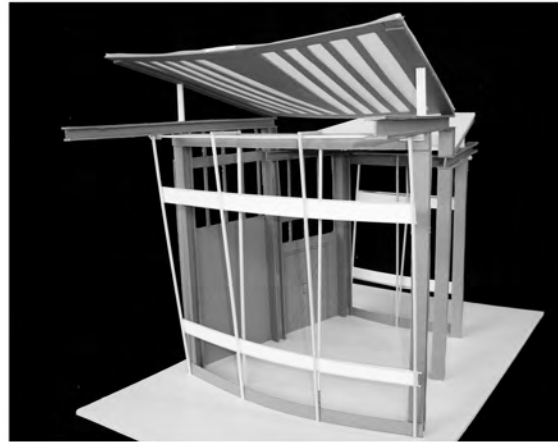




PROCESS - I had the idea to center the stage and make that the whole focus of the pavilion. I went through many study models to find the best way to achieve that goal. I also studied the facade and the roofs to achieve my goals with the light.



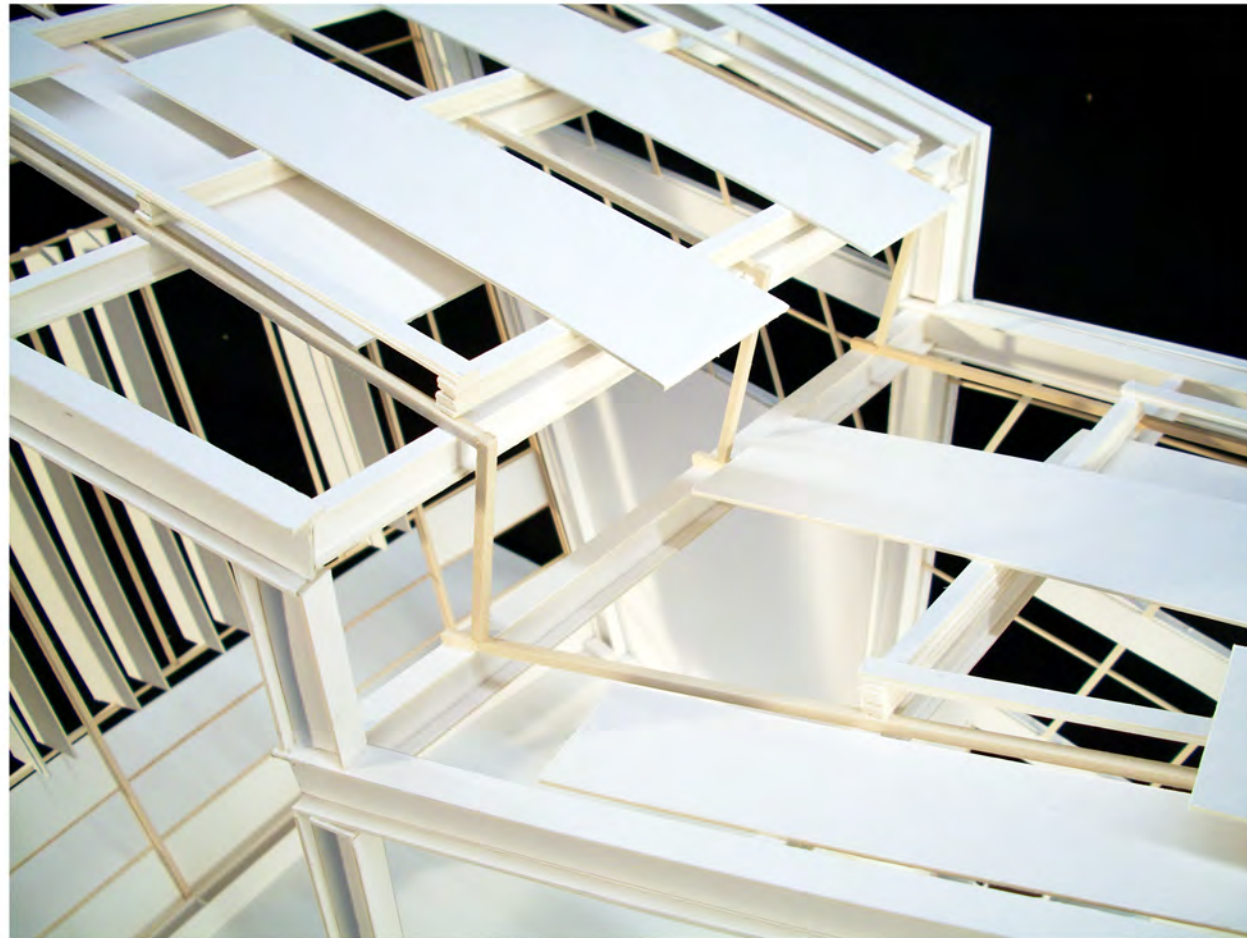
arch 2201
architectural design I
fall 2009
2 weeks



PROCESS - With each of these study models I played around with structure and the roof design to really give me what I wanted in the final design.

PROGRAM - I was to choose a portion of our Chicago Pavilion project to develop at a large scale (3/4th in = 1ft). I focused on the structural aspect and the exploration of how light can have a significant impact in the space.

SOLUTION - I picked to model a bay from the cafe space. I built the structure from the ground up focusing on using this assignment as a way to push my Chicago pavilion. The structure gives the space its own important presence and the use of sun shades gives me the active space.



active sun shades to enhance the atmosphere within the cafe space



a glass and panel facade creates a active space for the cafe to function within



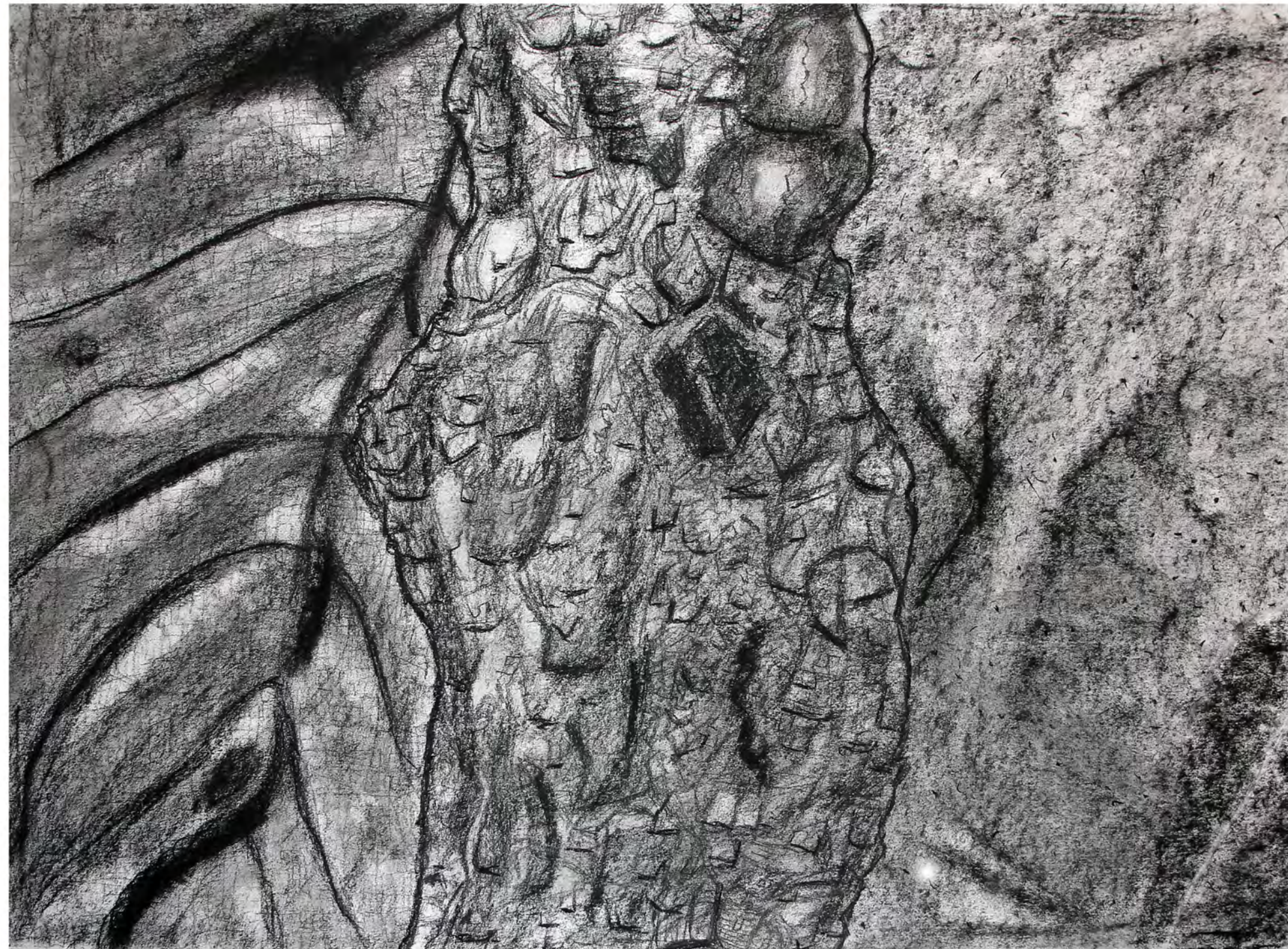
hands study done in sketchbook



"Hercules"
Ink Wash 24" x 18"



"Body Movements"
Charcoal 24" x 18"



"Leaf, Wood, Rock"
Charcoal 22" x 30"

