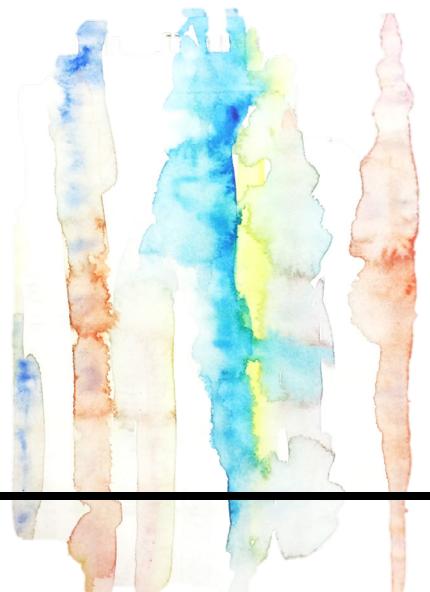




NICOLE SARWONO

Ed Saliklis//ARCH 131//Fall 2015





*Creative, driven,
artistic, optimistic,
cooperative*

BIOGRAPHY

Born on December 20, 1996 in San Francisco, California, Nicole Sarwono showed a great interest in drawing and painting throughout her childhood that has stayed with her and grown into a present day love of art and design. She has just begun an architectural training program at California Polytechnic State University in San Luis Obispo which will allow her to grow as an architect and “learn by doing”.

01

game space

An analysis of several spaces within video games spatially and visually with 2D and 3D diagrams.

interpolated void

02

A process of operations, creating a new composition from two existing photos.

03

harford pier

Through the work of a team, the reformation of a section of the Harford Pier at Port San Luis.

04

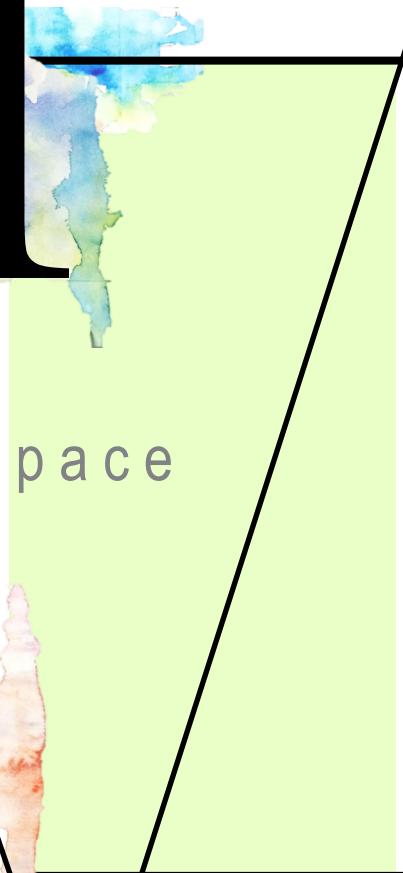
Creation of a beautiful tensile fabric structure incorporating tension wires and columns.

tensile fabric structure

01

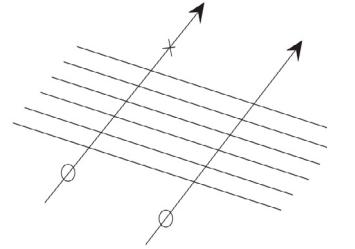
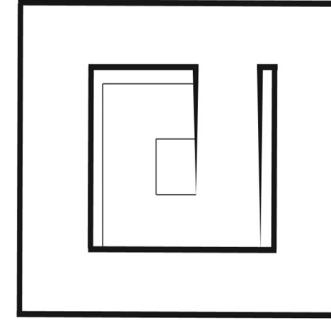
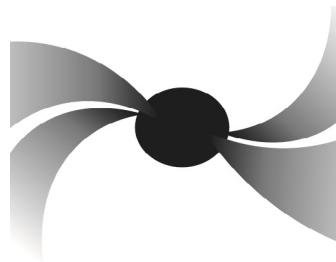
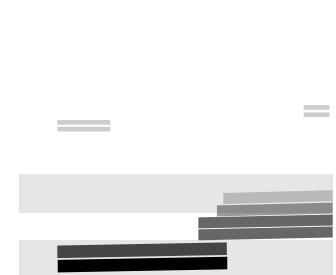
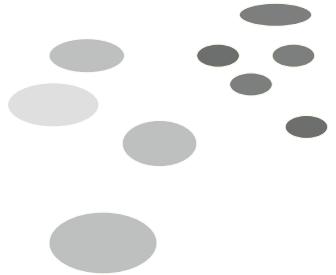
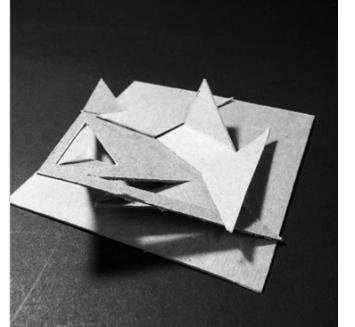
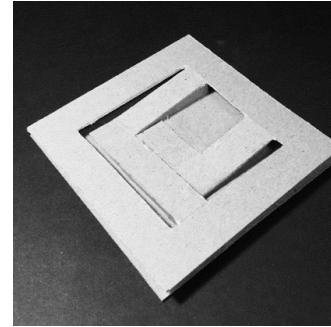
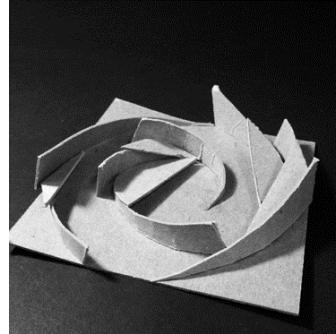
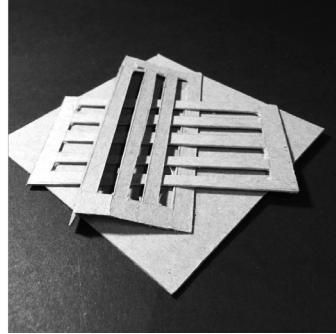
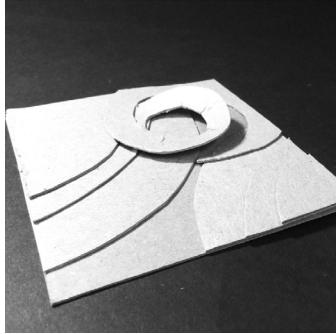
gamespace

01

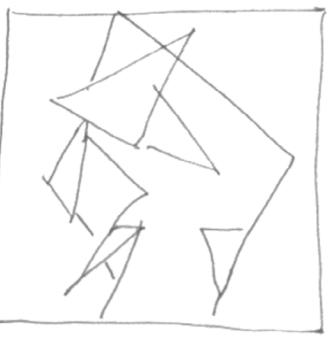
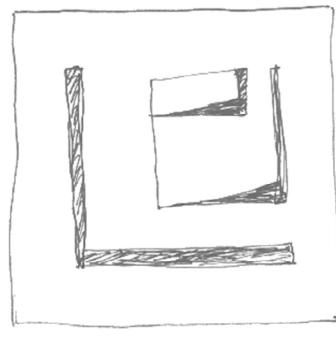
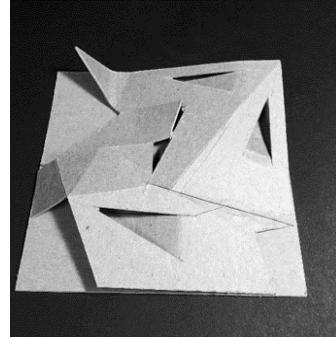
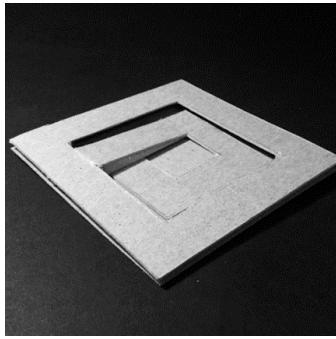
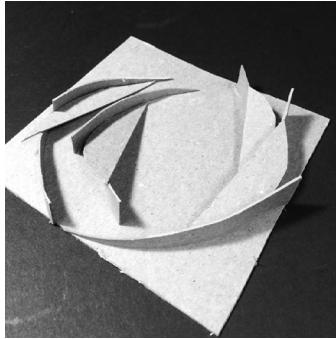


gamespace

From diagrams to
3D ITERATIONS



STUDY MODELS



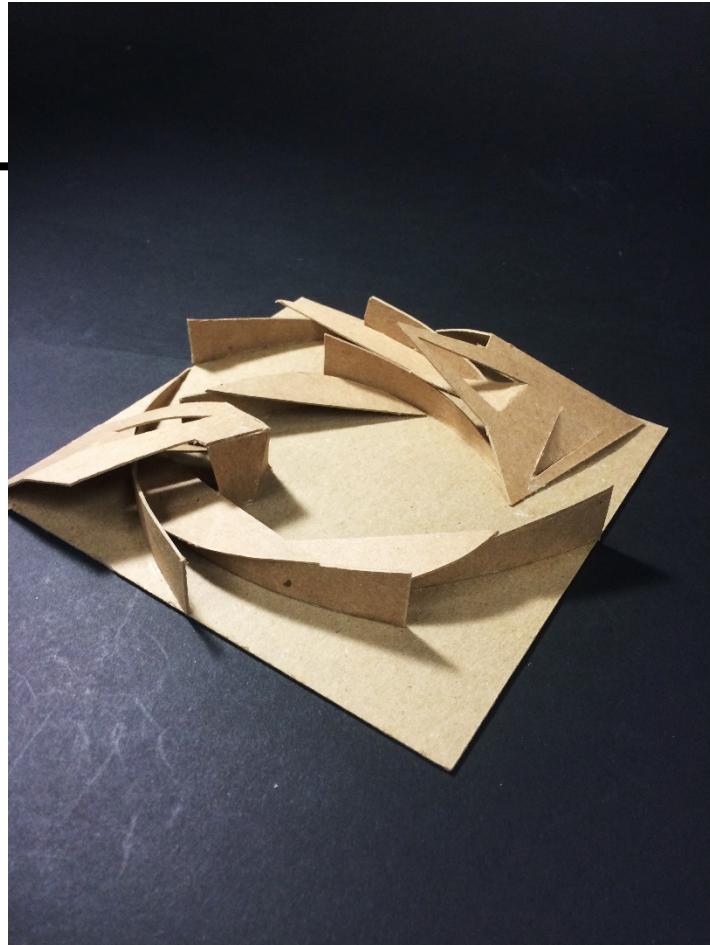
revisions// sketches

*“Keep in mind
that the
PROCESS
is more
important
than the
PRODUCT.”*

Ed Saliklis

FINAL MODEL

a combination
of chipboard
and news board



My final three-dimensional composition was truly a pleasant surprise inspired by the best parts of the initial study models. Although my first models were not the most interesting, my work became more detailed and interesting as I carried out the process. This really taught me how it's the process rather than the product that we must focus on.

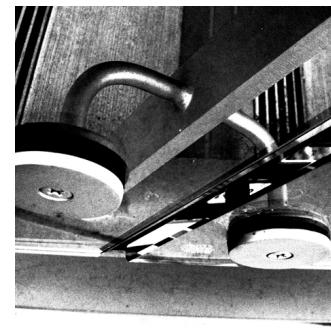
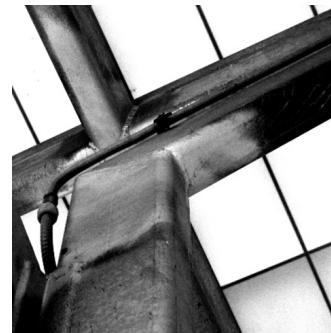
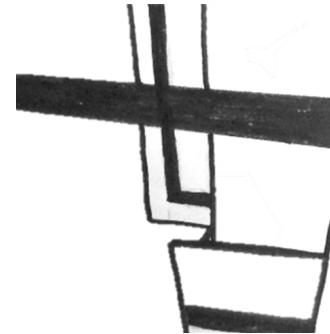


02

interpolated void

DIAGRAMS PART 1

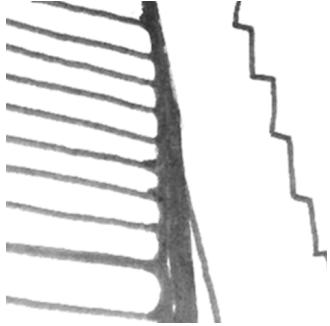
interpolated void



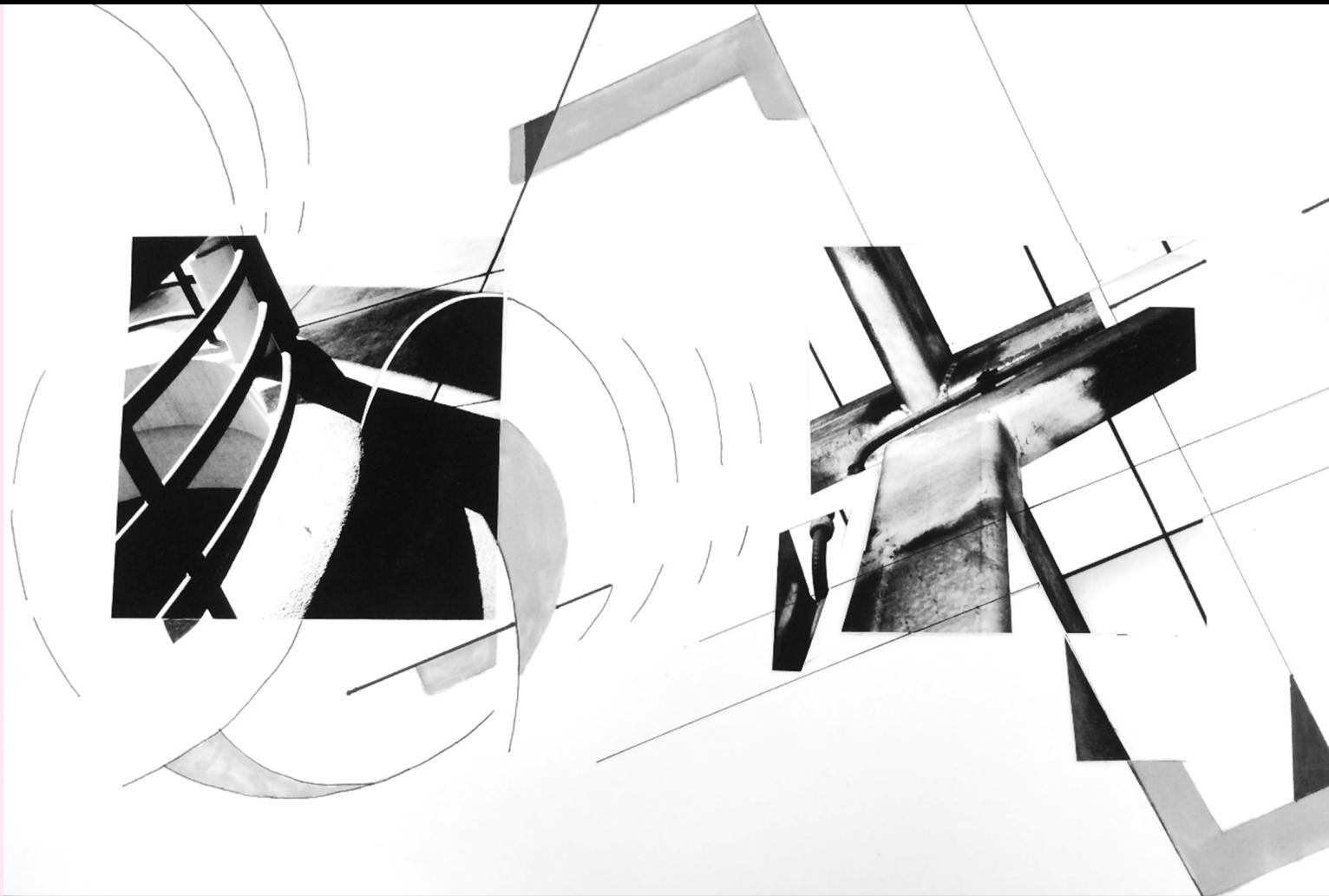
*Capture the
BIG IDEA*



a simple statement



Out of these photos, two were picked to be the basis of the interpolated void.



interpolated void

PRE
LIM
INA
RY

In this 2D hand-drawn interpolated void some initial operations were made based off of the two photos. A new composition is taking form.

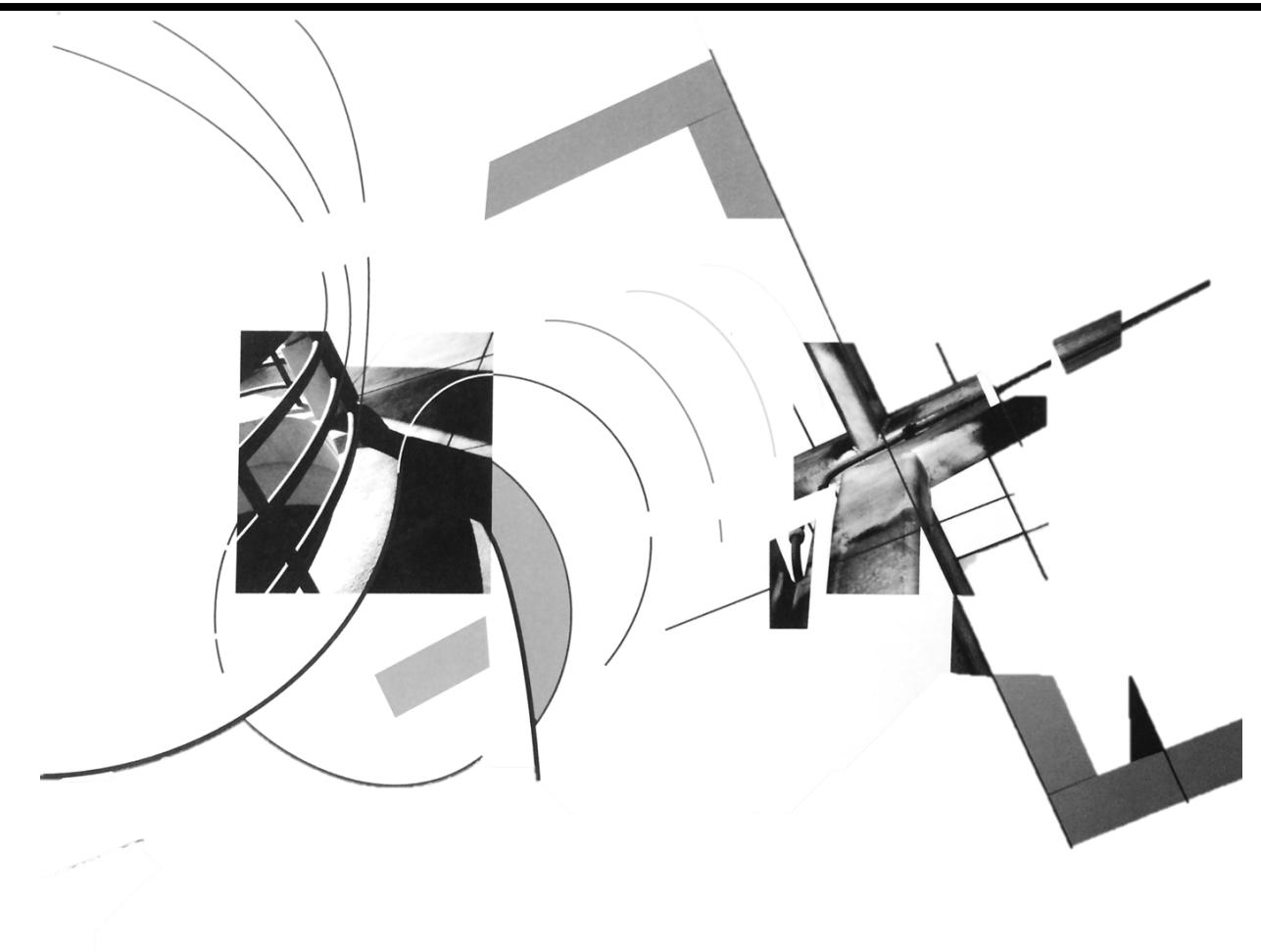
ANALOG

PRE
LIM
INA
RY

DIGITAL

interpolated void

This first try at a digital composition was based off of the analog version. Fewer operations were done in this version since it was a first attempt.



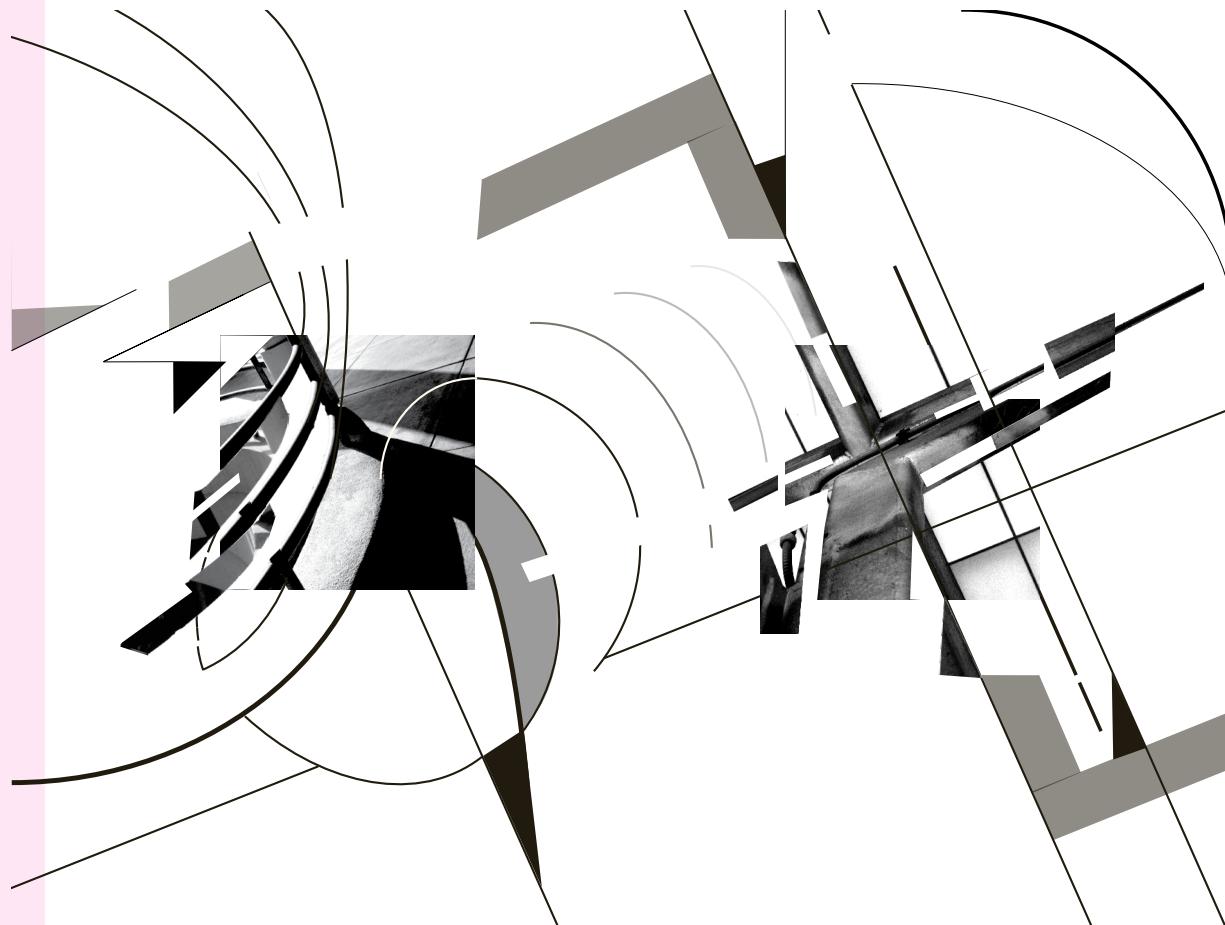


ANALOG FINAL

More operations were added to make a fuller and more dynamic composition.

FINAL DIGITAL

Overall, I preferred the final digital product over the final analog because the operations made were more intentional and held true to the two original photographs.



STUDY MODEL



The study model was created through 3D operations on a 2D design. Cuts and folds were made along the lines from the 2D design to transform the 2D paper into a 3D object.

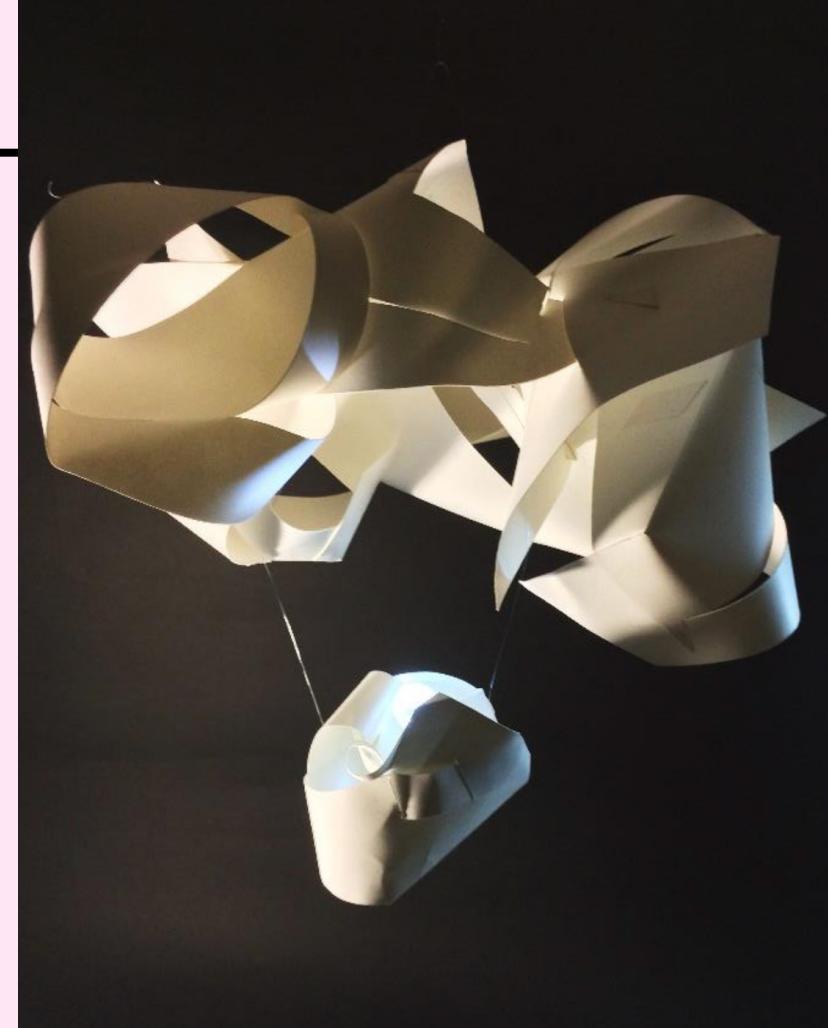
interpolated void

FINAL MODEL

The final model was refined to incorporate a light source.



Intentional operations were made to transform the interpolated void to 3D.

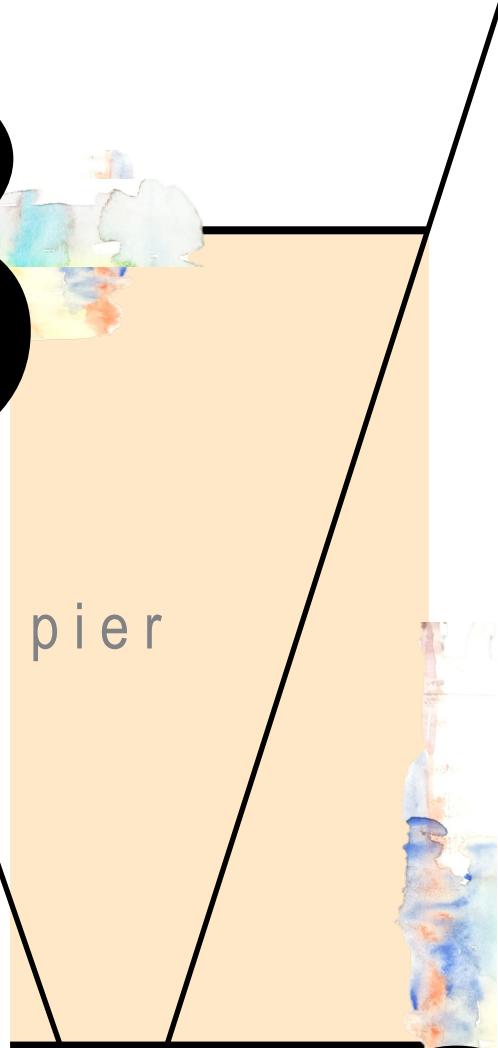


I was happy with the final 3D interpolated void.
The overall piece was delicate and elegant and
worked well with the light fixture. I learned
that sometimes you have to carry on with the
process even when the end result is unknown.
Each operation is vital to the final product and
must be intentional.

03

harford pier

03



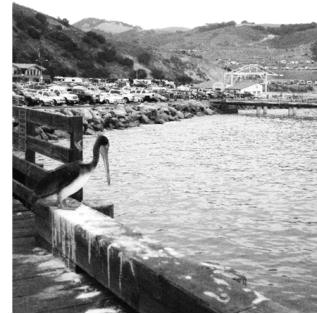
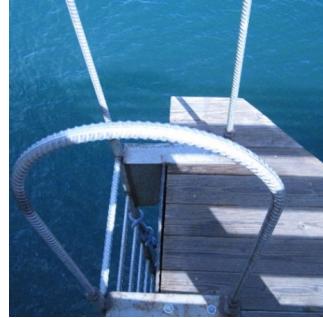
03

harford pier

CARTIER THE PIER

*“Photography is an immediate reaction,
drawing is a meditation.”*

Henri Cartier-Bresson



03

harford pier

UNDERSTANDING

“To draw a subject is to study it and develop an understanding of its form.”

Unknown



SAN LUIS PIER
10:00 AM



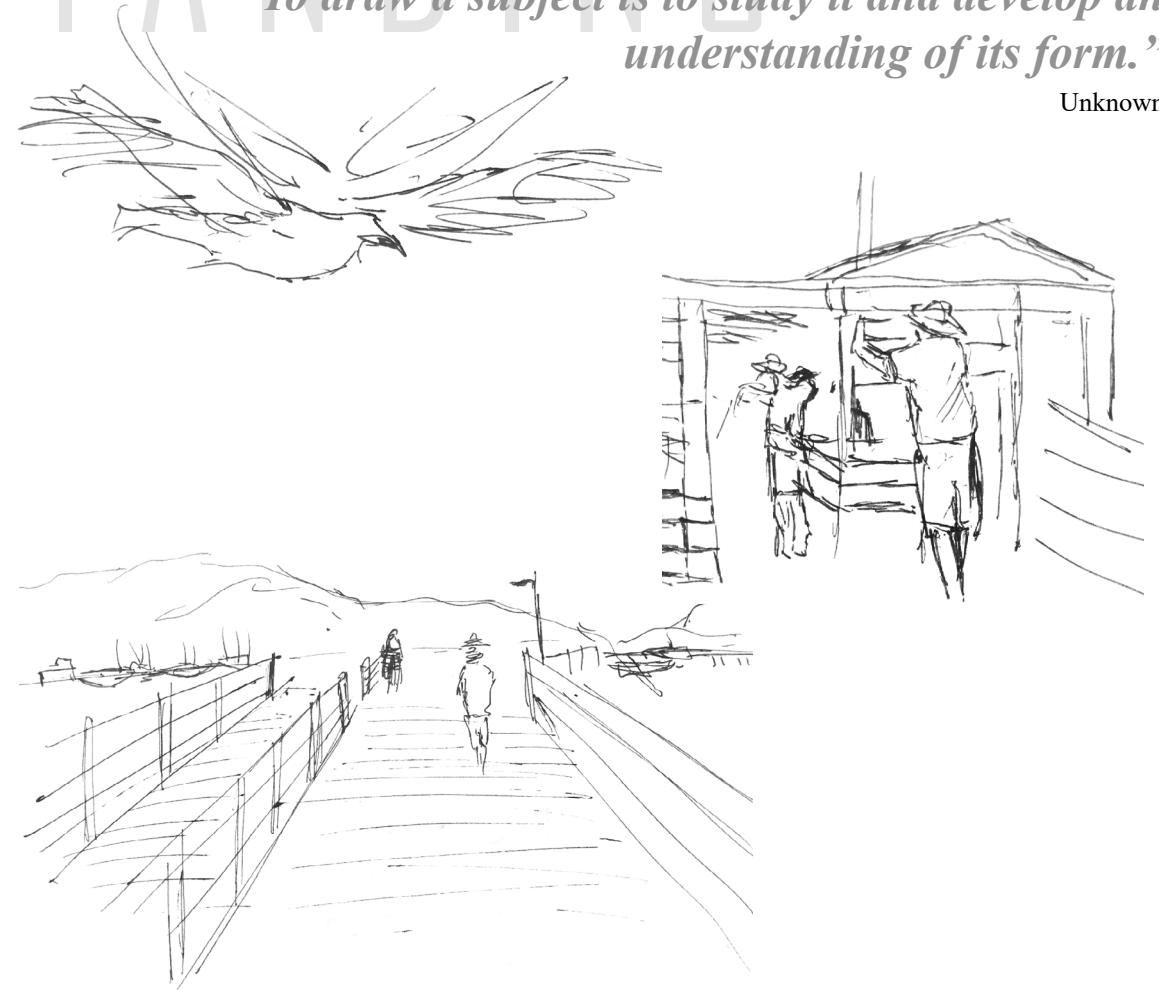
SAN LUIS PIER
10:42 AM

harford pier

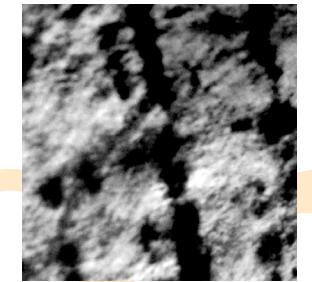
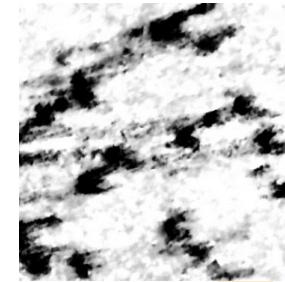
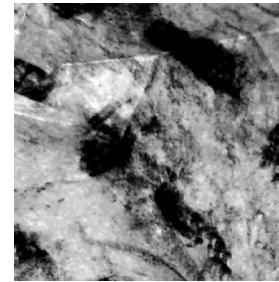
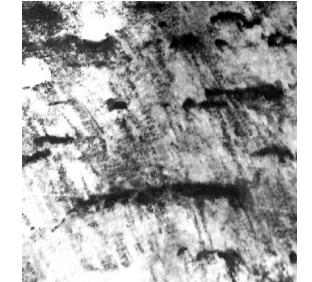
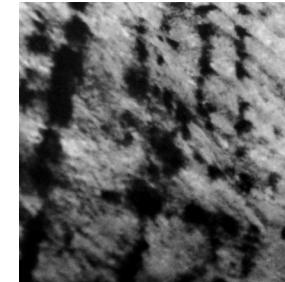
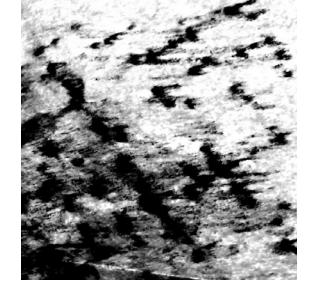
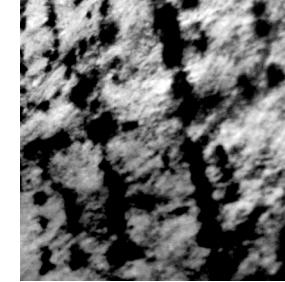
UNDERSTANDING

“To draw a subject is to study it and develop an understanding of its form.”

Unknown



*These charcoal
rubbings of the
pier remind us
of the
QUALITIES
of the pier.*



03

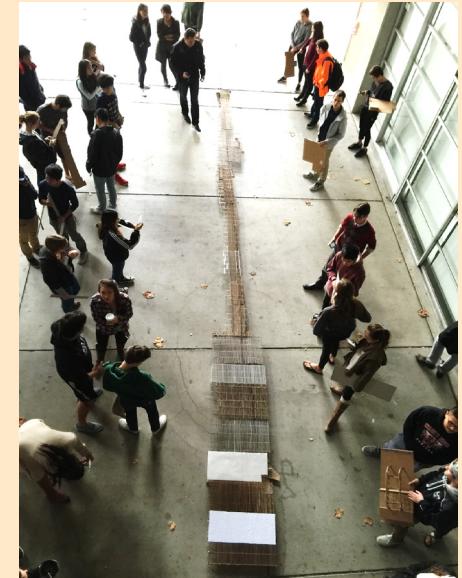
harford pier

SCALE

MODEL

OF THE PIER

The first step in the modeling process was to build a scale model of the as-built pier.

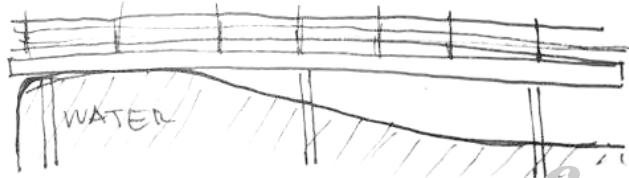


(Pictured above) Lining up the sections of the pier making a scale model of the entire pier.

PROGRAMS
DIAGRAMS

3

harford pier



WATER

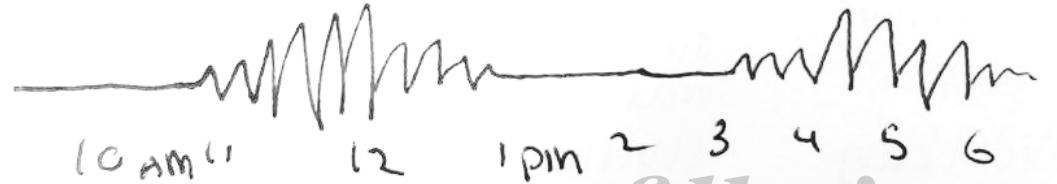
— TIME —

falling

rippling



rising



filleting

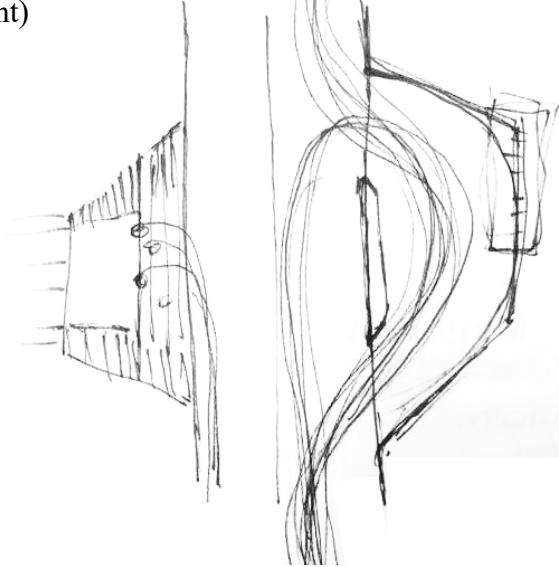


gathering

*Use verbs as INSPIRATION
for the new design of the pier.*

PROPOSAL

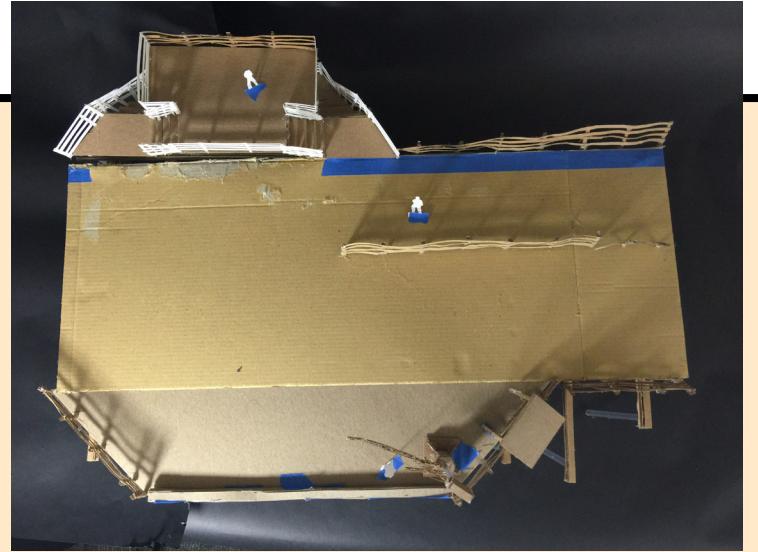
A diagram mapping out traffic flow of pedestrians (on the left) and cars (on the right)



PRE
LIM
INA
RY

revisions// sketches

The space was split into two distinct areas: work and pleasure. The areas share the use of trapezoidal additions. The side for work allows cars to easily launch their boats without disrupting the flow of traffic. The side for pleasure (pictured below) is for optimal observation of the pelicans.

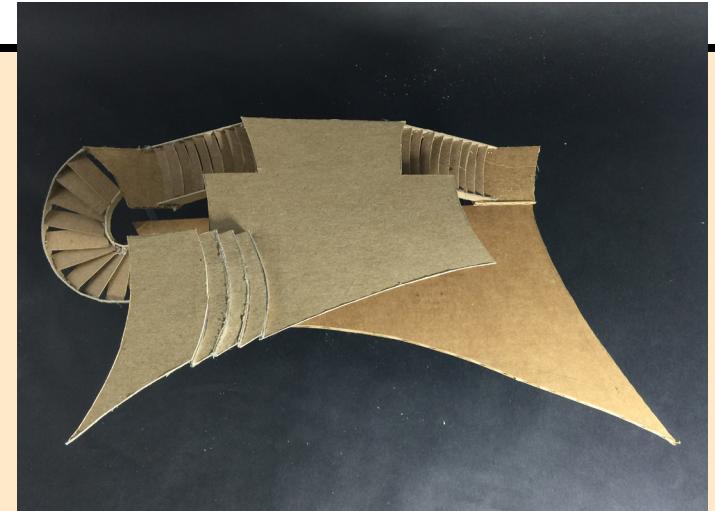


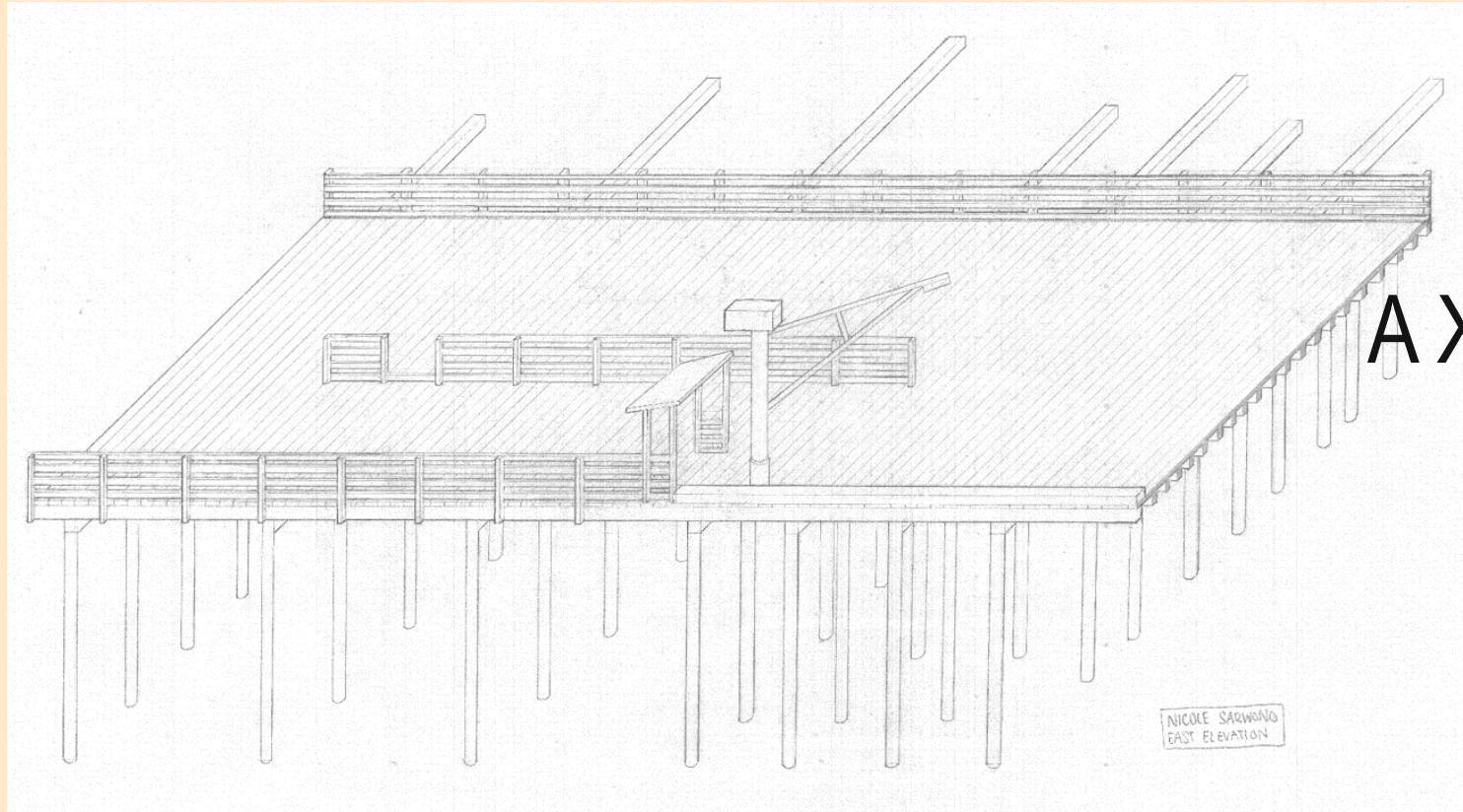
PROPOSAL



The addition of a tensile fabric structure inspired the revisions of our design. Its shape and curved edges are reflected in the shape of our proposal.

RE
VISED
ED

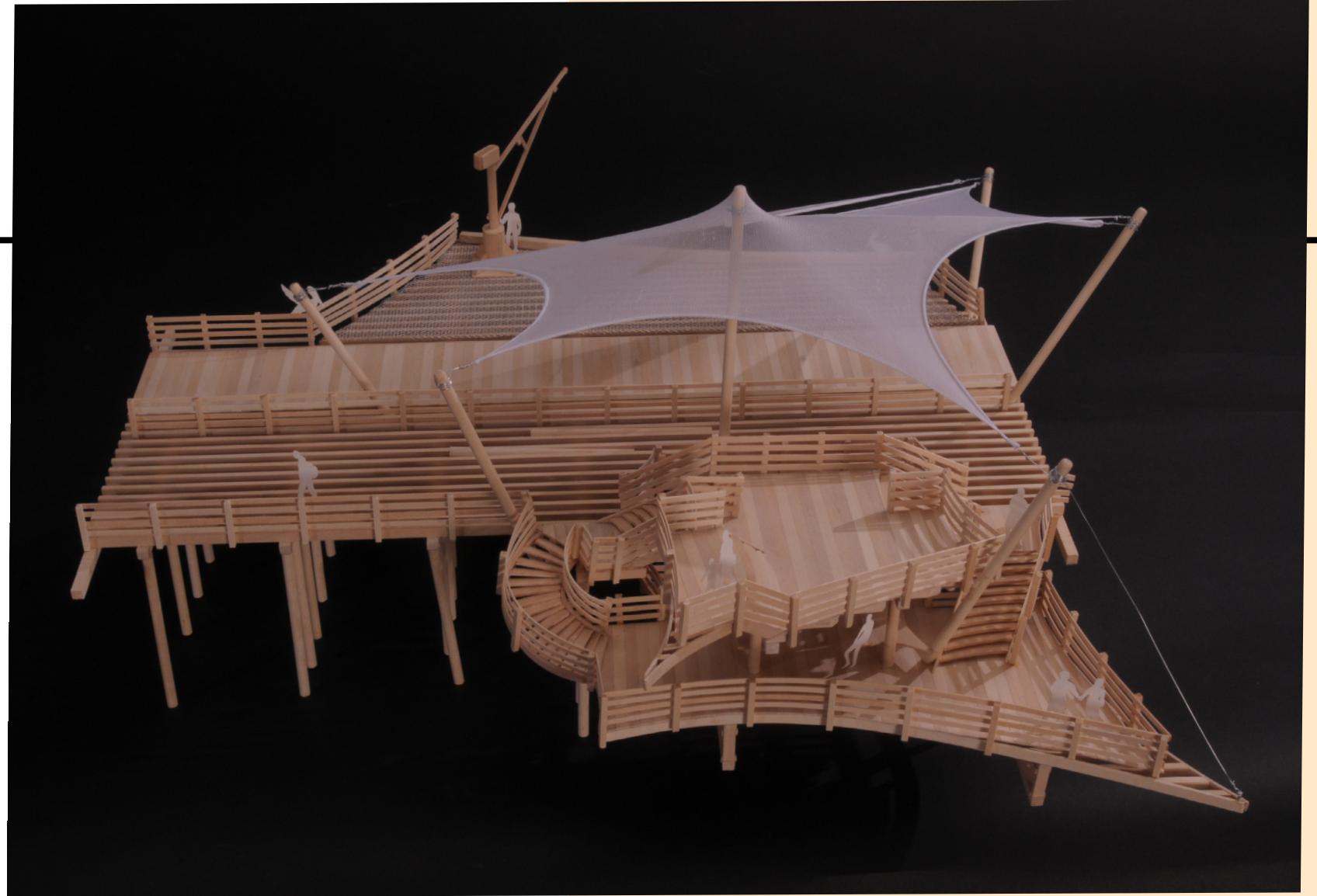




AXONOMETRIC DRAWING

FINAL MODEL

composed primarily
of basswood



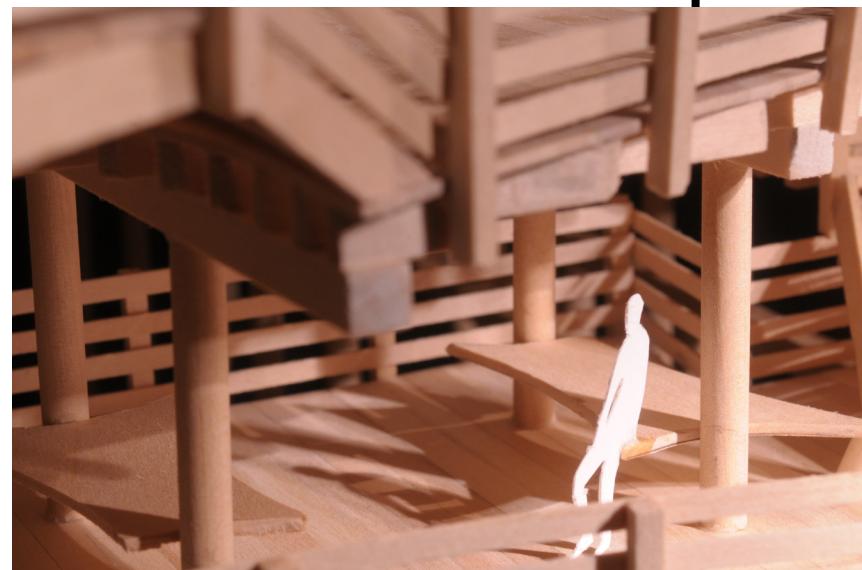
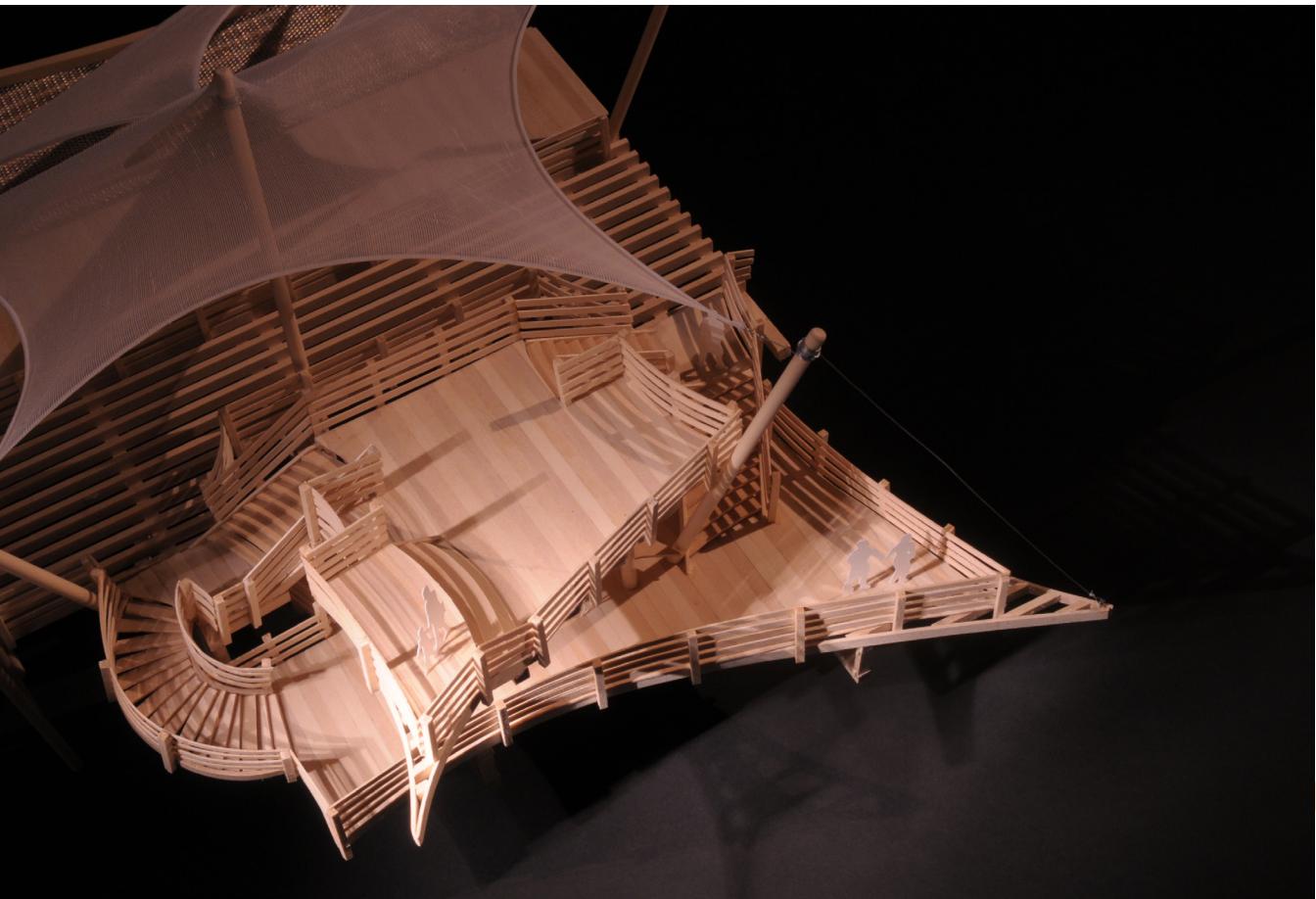
harford pier

03



harford pier

03

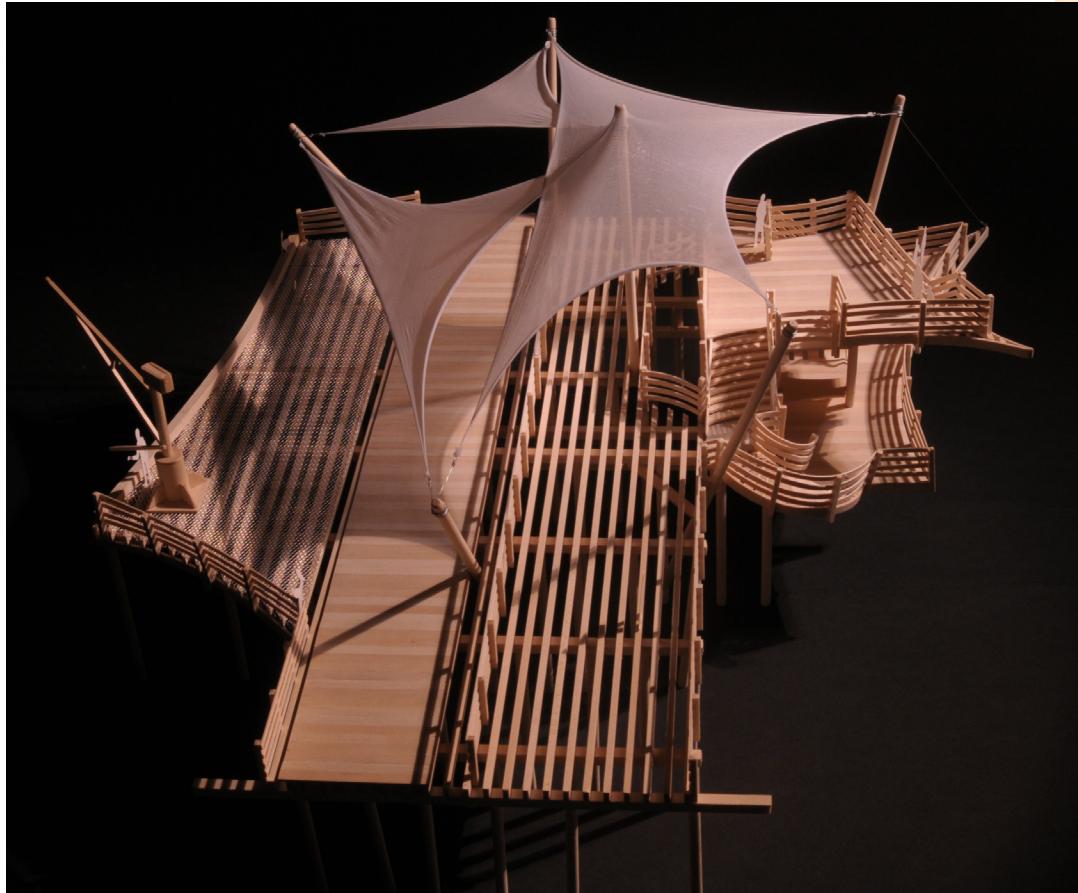


harford pier



harford pier

03



The Harford Pier project was the most challenging yet rewarding project I have completed thus far. This project expanded my collaboration and communication capabilities as well as my ability to listen to new ideas.

04

tensile fabric structure

04



tensile fabric structure



Revised tensile fabric structure



In creating this tensile fabric structure many instances of trial and error occurred. It was difficult to get it to stretch the way we had originally planned, so we instead had to follow where the fabric wanted to go.

I have improved so much in my design abilities throughout this first quarter at Cal Poly. I can only imagine how much I can grow in my five years here.