Jeff Frazier

228 East Northwood Avenue
Columbus, Ohio 43201
6145519777

The Ohio State University — Austin E. Knowlton School of Architecture
Expected Graduation: 2012

Intention

Complete third & forth year of architecture school with a minor in accounting
Obtain an internship for the summer of 2011
Graduate from Ohio State University with a Bachlor of Architecture Degree
Attend graduate school

Relevant Course Work

200 - History of Architecture	Jeff Kipnis
202 - Architecture Studio	Alexandros Tsamis
241 - Architecture Design Studio 1	Jane Murphy
271 - Architectural Graphics	Karen Lewis
600 - History of Ancient Architecure	Jackie Gargus
242 - Architecture Design Studio 2	Ben Wilke
272 - Architectural Graphics 2	Karen Lewis
601 - History of Medieval Architecture	Jackie Gargus
243 - Architecture Design Studio 3	Michael Cadwell
273 - Architectural Graphics 3	Karen Lewis
602 - History of Modern Architecture	Phil Johnson
Physics 111 & 112	

Related Exrperience

DesignGroup Columbus Internship
Manager: Rachel Sullivan
May 2008 - September 2008
- Human resources assistant
- LEED certification experience
- Revise company project history software with InFocus
- Establish company time sheets
- Input current & past project data
- On-site tours of surrent projects and office studio

Technical Aptitudes

Proficient in:
Autodesk
- AutoCAD 2010
- 3DS MAX Design 2010
- Revit
- AutoDesk Design Review

Rhinoceros 4.0
- Rhino 3D Modeling
- Flamingo Rendering
- Grasshopper Formula Design

FormZ RederZone Plus
Sketch-Up
Adobe CS4
- InDesign & Illustrator
- Acrobat
- Photoshop

Microsoft
- Word
- Excel
- Power Point

Fluid technical conversion ability

Jeff Frazier

228 East Northwood Avenue
Columbus, Ohio 43201
6145519777

The Ohio State University — Austin E. Knowlton School of Architecture

Additional Skills

- Project budgeting, organization, and management
- Skilled model construction and craftsmanship
- Trained abilities in:
  - Laser cutting
  - CNC routing & milling
  - 3D Digitizer modeling
  - Construction & shop mechanics
- Graphic presentaion
- Digital drafting, modeling, and rendering

Academic Accomplishments

- 1 of 110 students accepted into most competitive class in history of Knowlton School of Architecture
- Autume 2008 - 1 of 6 final studio projects chosen to be displayed over summer quarter in Knowlton
- Consistant positive reviews from professors and presentation jury
- Winter 2009 - 1 of 2 final projects chosen for OSU's curricular reacreditation with NAAB
- Spring 2010 - 1 of 18 design installations chosen to be constructed in Knowlton with student assistants
- Spring 2010 - 1 of 4 final installations chosen to be displayed over summer quarter in Knowlton
- Maintain over a 3.5 gpa in Major of Study

The First Year Academic Portfolio of Jeff Frazier

AS OF SEPTEMBER 12, 2010



Autume 2008

Jeff Frazier

Architecture Portfolio

ARCH 202 · Au08

frazier.239@buckeyemail.osu.edu

4620 Winterset Drive
Columbus, Ohio 43220

OSU Knowlton School of Architecture

Alexandros Tsamis · Michael McCoskey · Au08

Autume 2008

Jeff Frazier

Table Of Contents

Architecture Portfolio · ARCH 202 · Au08

The [Perfect] Cube

The [Subdivided] Cube

drawings · index of categorization & relationships

The Cube [in Light]

foam Model · description · Images · plans & sections

The [Elastic] Cube

drawings · process description · landscapes · sections

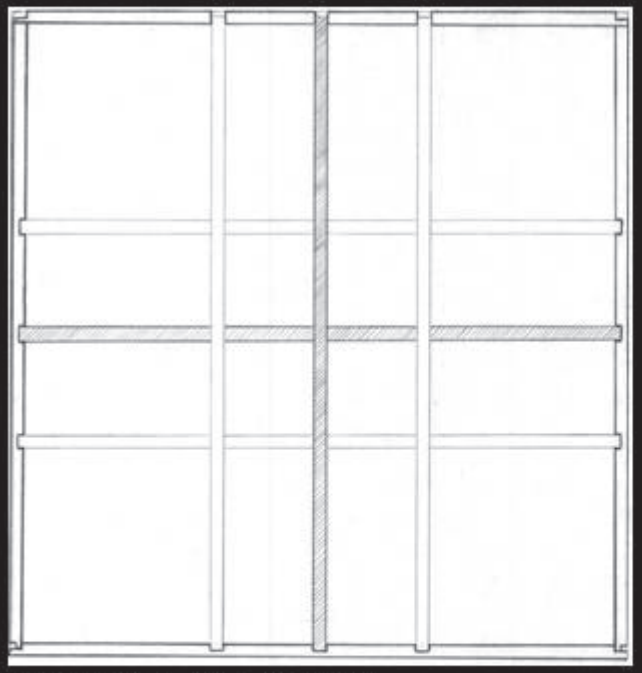
The Cube [Exhibited]

process description · plans & sections · images

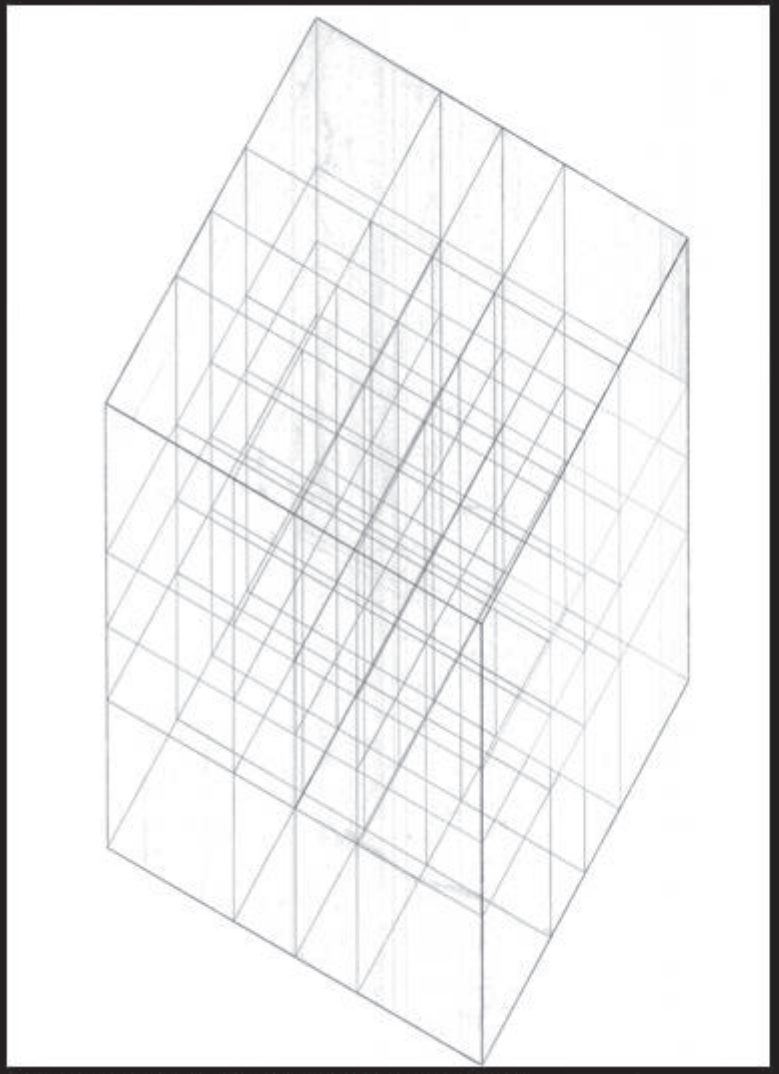
Autume 2008

JEFF FRAZIER

THE [PERFECT] CUBE



PLAN • PENCIL • 12 X 12 • AU08

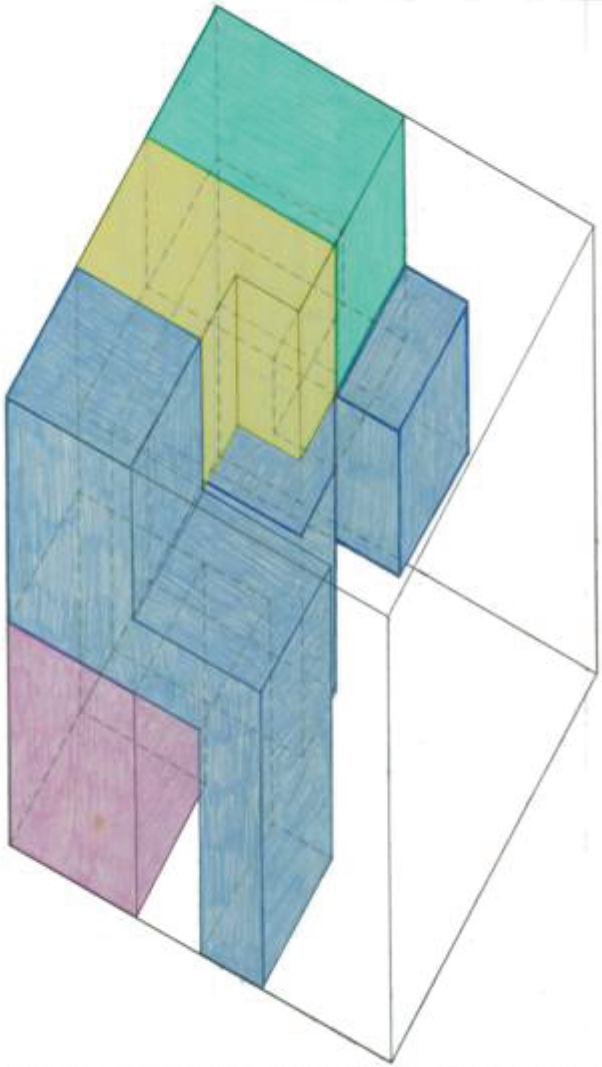


AXONOMETRIC ONE • PENCIL • 24 X 36 • AU08

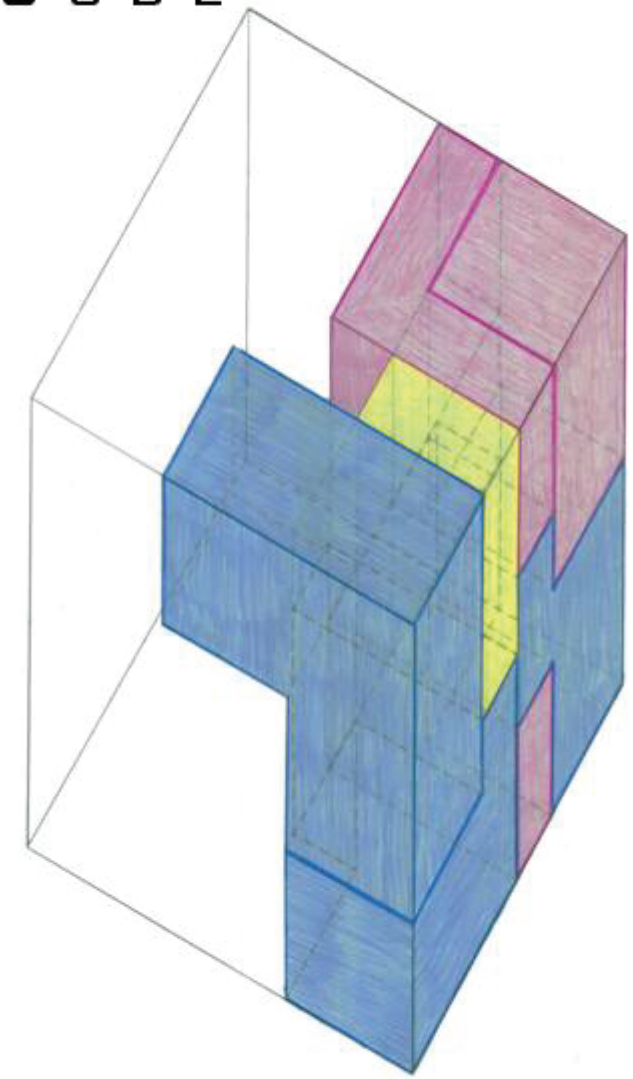
AUTUME 2008

JEFF FRAZIER

THE [SUBDIVIDED] CUBE



AXONOMETRIC THREE • COLORED PENCIL • 24 X 36 • AU08

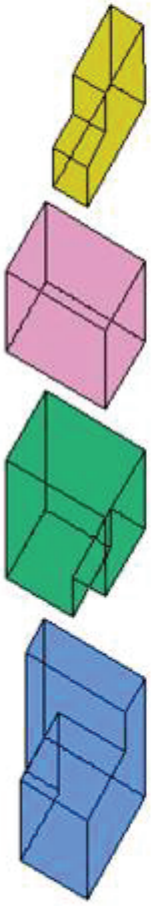


AXONOMETRIC TWO • COLORED PENCIL • 24 X 36 • AU08

JEFF FRAZIER

THE [SUBDIVIDED] CUBE

SUBDIVISION COLOR



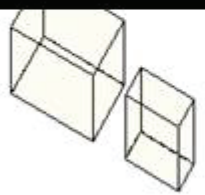
<32" SQ. SURFACE AREA

32" - 36" SQ. SURFACE AREA

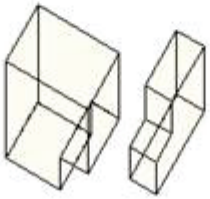
38" - 44" SQ. SURFACE AREA

>44" SQ. SURFACE AREA

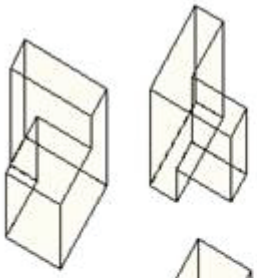
SUBDIVISION RELATIONSHIPS



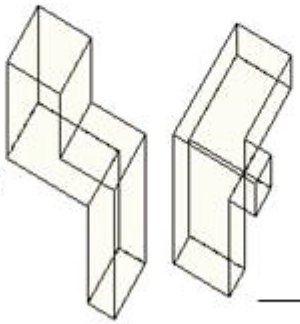
BLOCK TYPE



NOTCHED TYPE



DUAL SHAPE CONSTRUCTION



TRIAD SHAPE CONSTRUCTION

AUTUME 2008



Autume 2008

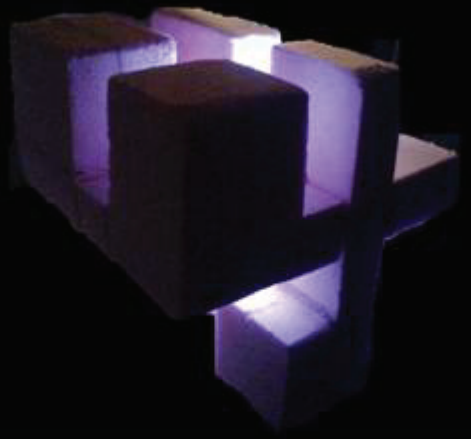
Jeff Frazier

The Cube [In Light]

Process

After assembling many variations of the foam units within the indirect and direct lighting restrictions I reached a formation that displayed many architectural elements. I developed an objective to create the visual impression of a suspended structure while creating volumes of space in the upper and lower portions of the model. The juxtaposition of a perimeter platform allowed me to have multiple levels with unique identities such as unconfined circulation and a negative volume in the shape of a cube in the center of the arrangement complimenting the shape of the structure.

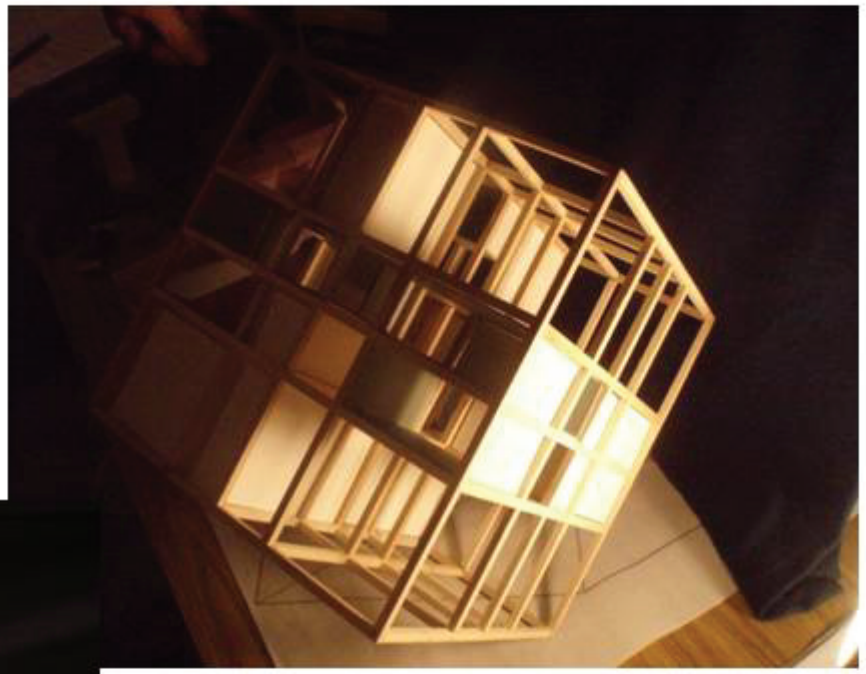




Autume 2008

JEFF FRAZIER

THE CUBE [IN LIGHT]

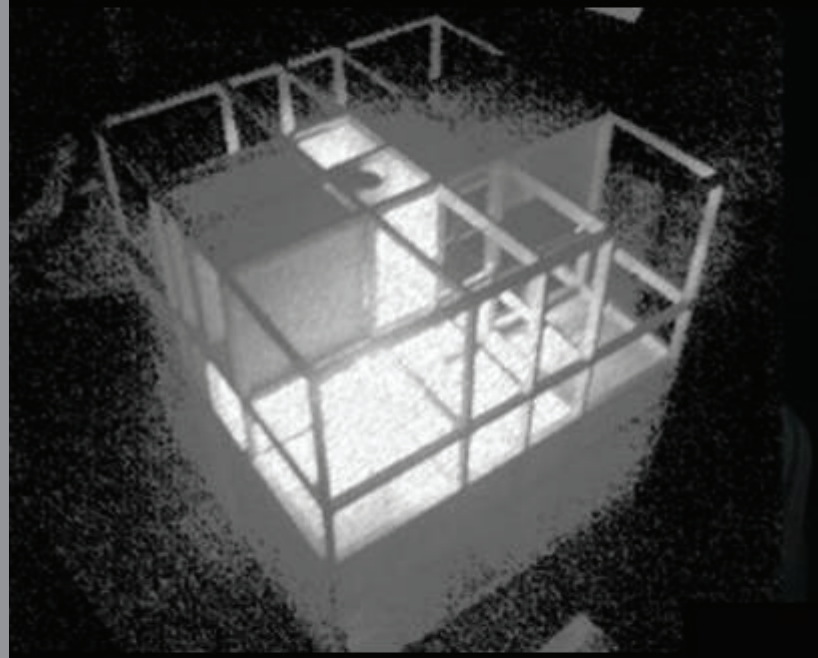




AUTUME 2008

JEFF FRAZIER

THE CUBE [IN LIGHT]

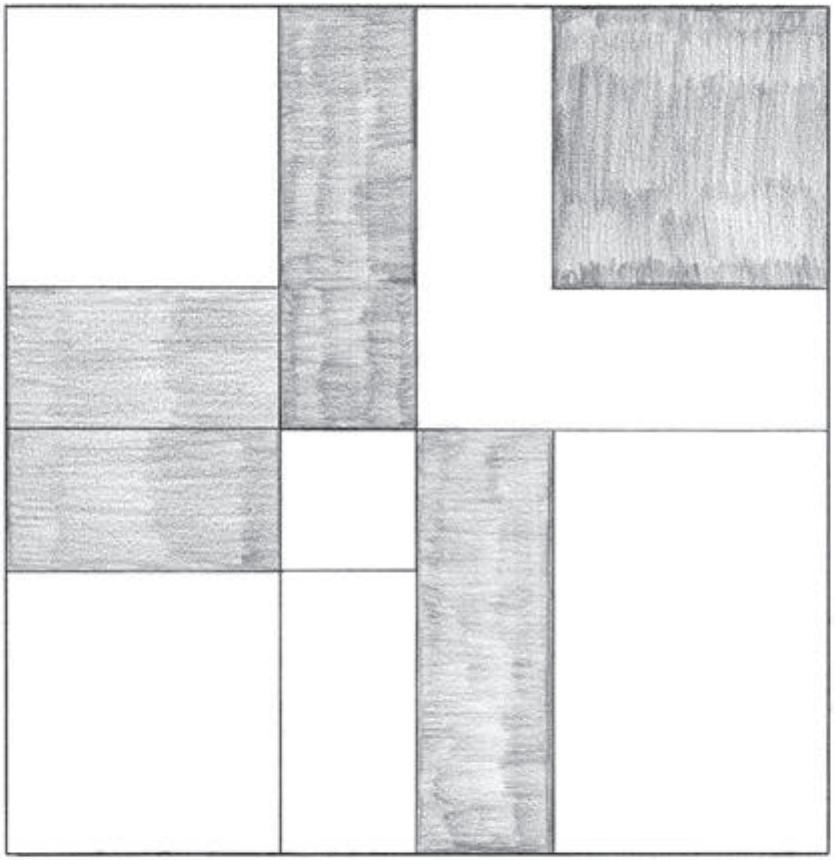




AUTUME 2008

JEFF FRAZIER

THE CUBE [IN LIGHT]

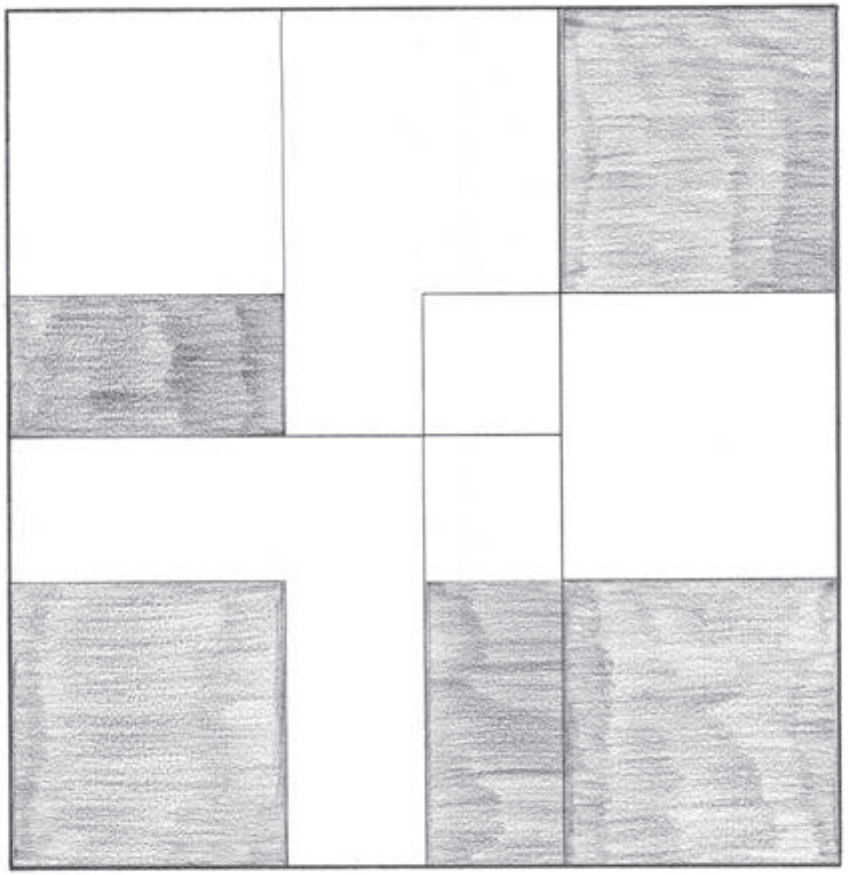




SECTION A • CAD • 12 x 12 • AU08

JEFF FRAZIER

THE CUBE [IN LIGHT]

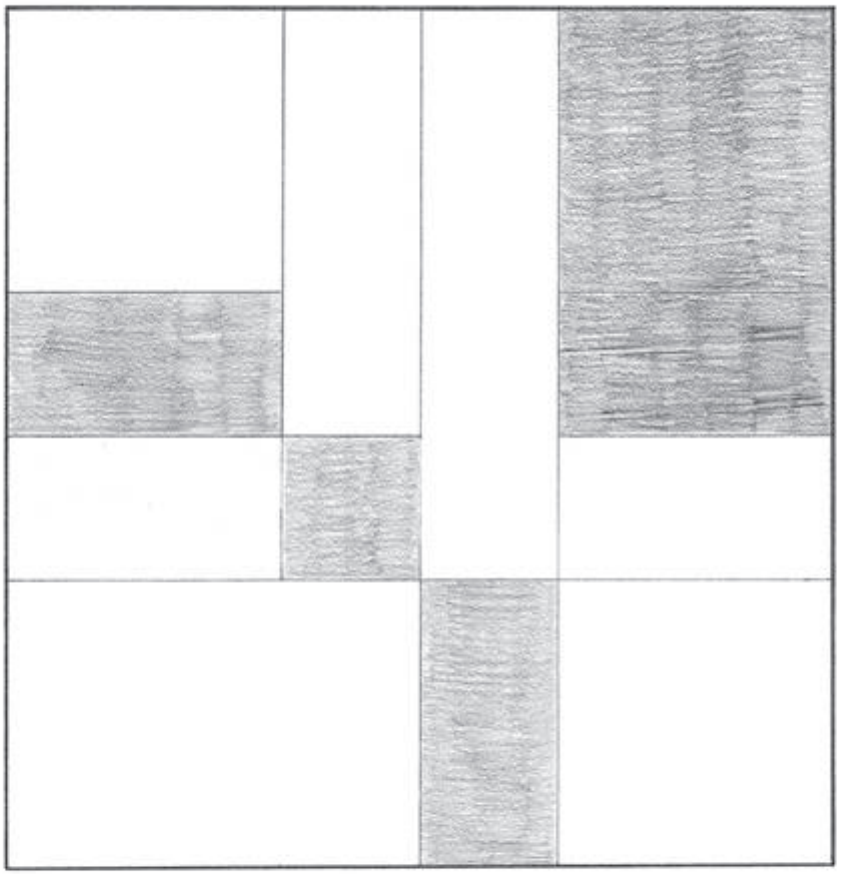




SECTION B • CAD • 12 x 12 • AU08

JEFF FRAZIER

THE CUBE [IN LIGHT]

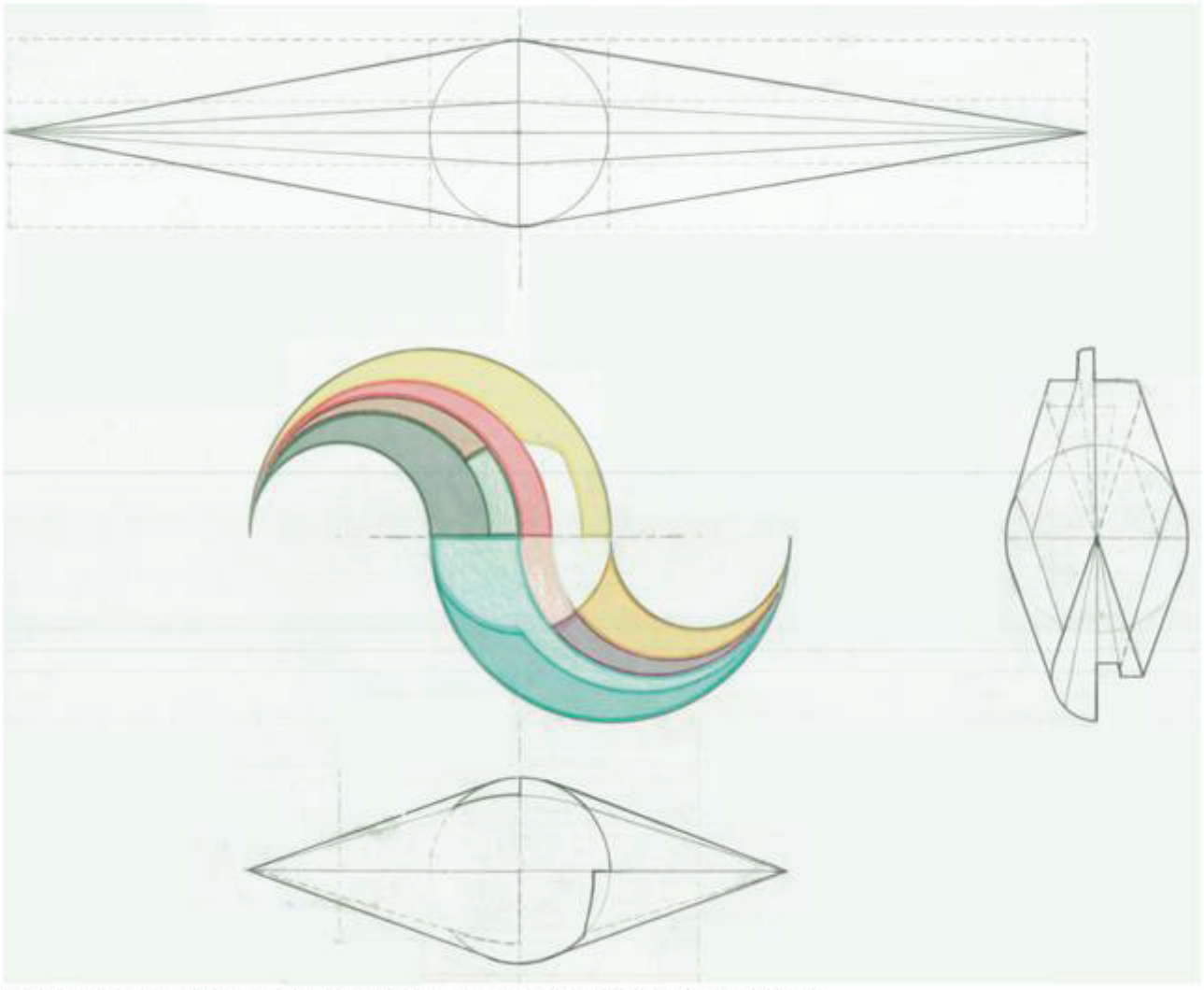




PLAN A · CAD · 12 x 12 · AUG8

JEFF FRAZIER

THE [ELASTIC] CUBE



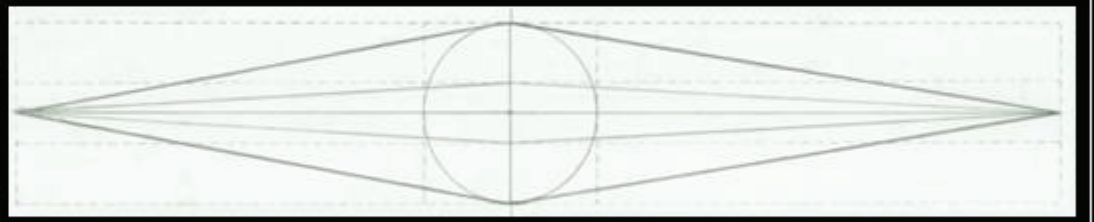
TRANSFORMATION FROM THE CUBE • PENCIL, COLORED PENCIL • 18 X 24 • AU08

Jeff Frazier

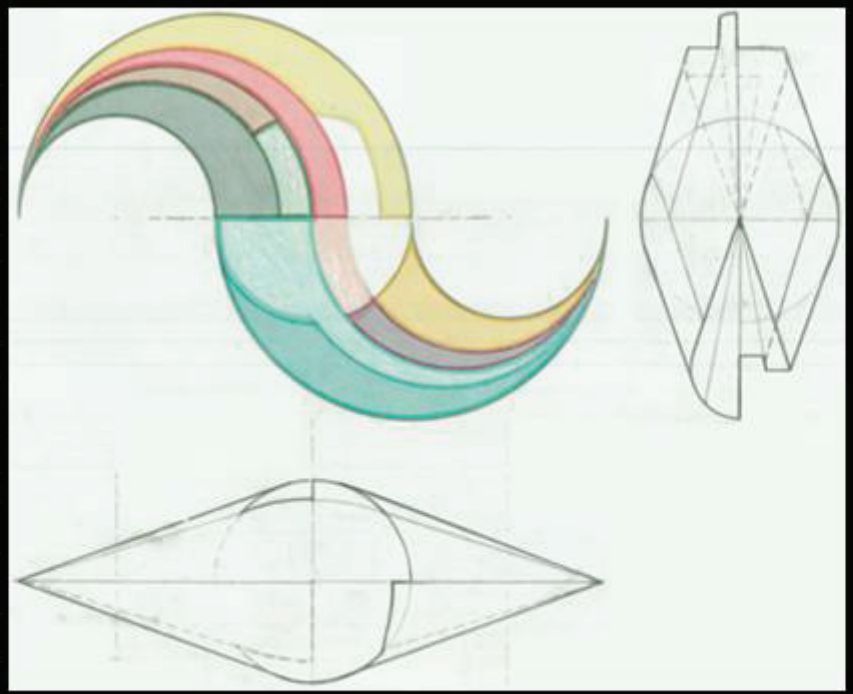
The [Elastic] Cube

Process

From the original perfect cube design I elongated the outer third sections horizontally then configured the section grid lines to one central point on each side of the cube.



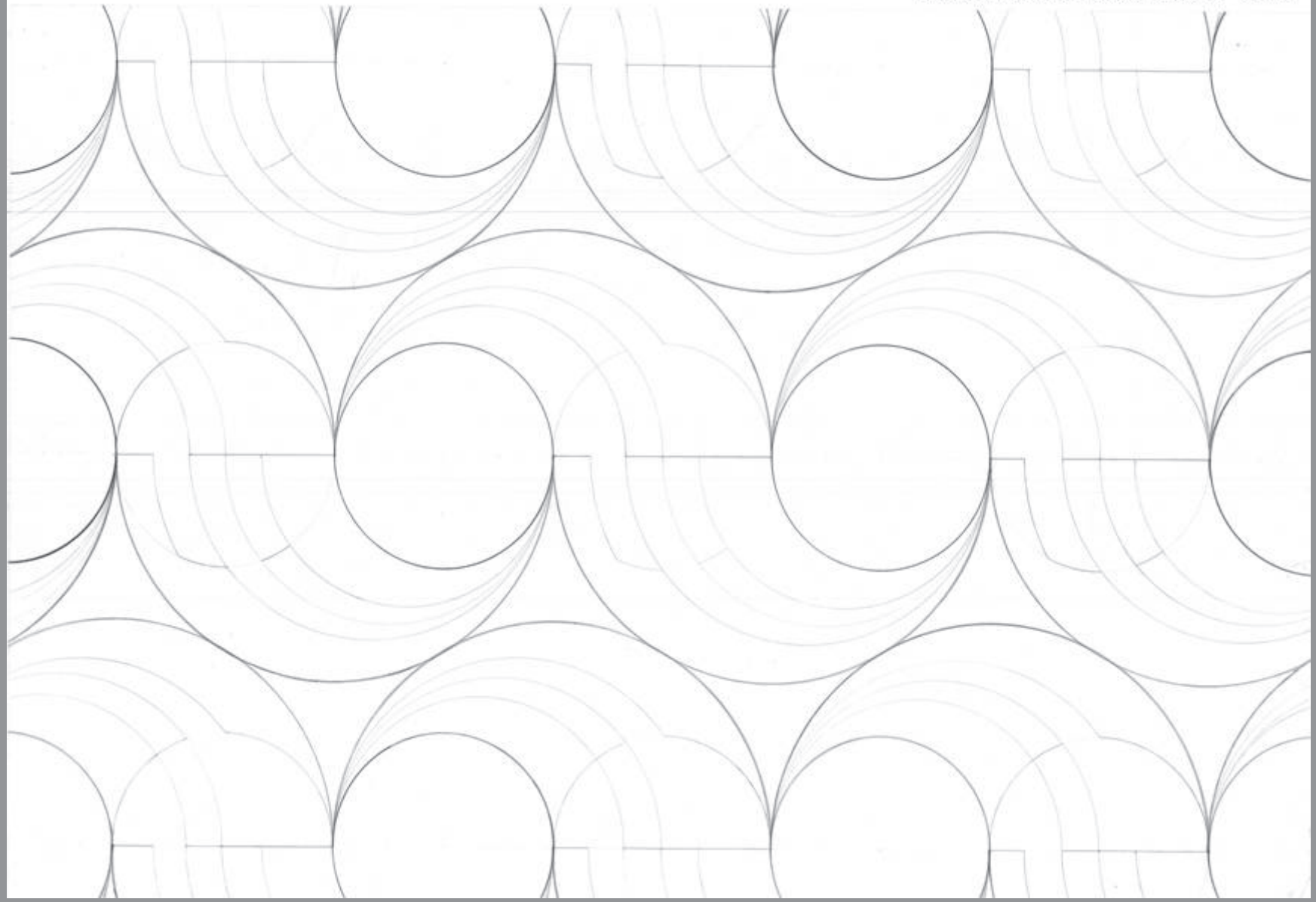
My goal was to leave the straight lines of the cube behind and design a three dimensional circuitous unit. From the radial width of the cube I used simple fractional geometry to arc the gridlines into the shape on the right. The central third of the cube was transformed from rectangular gridlines to spherical. With the new layout I reconstructed the foam model shapes while creating multiple volumes of space throughout the elastic cube.



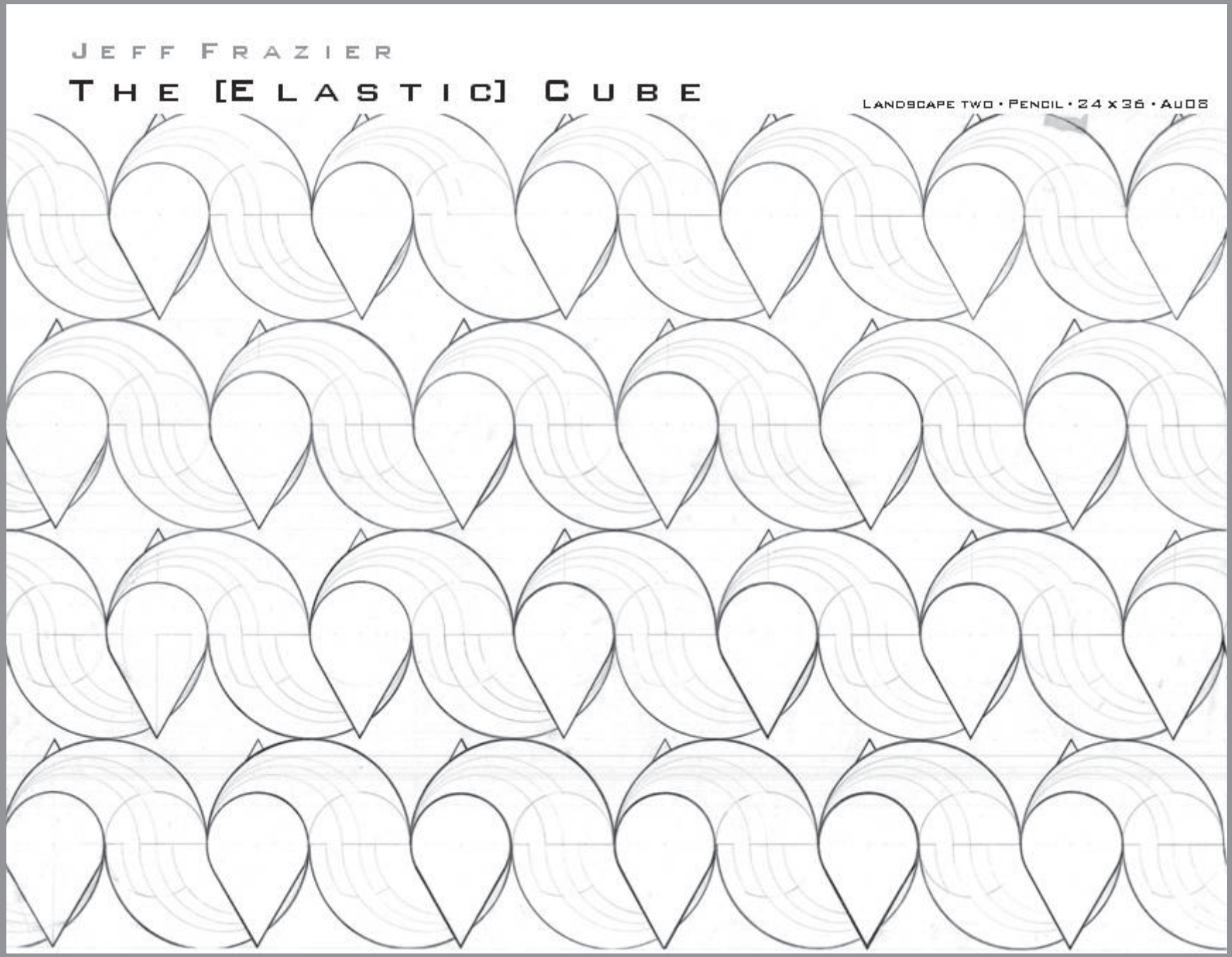
JEFF FRAZIER

THE [ELASTIC] CUBE

LANDSCAPE ONE • PENCIL • 24 x 36 • AUG8



AUTUME 2008


JEFF FRAZIER
THE [ELASTIC] CUBE
LANDSCAPE TWO • PENCIL • 24 x 36 • AU08

AUTUME 2008

Jeff Frazier

The [Elastic] Cube

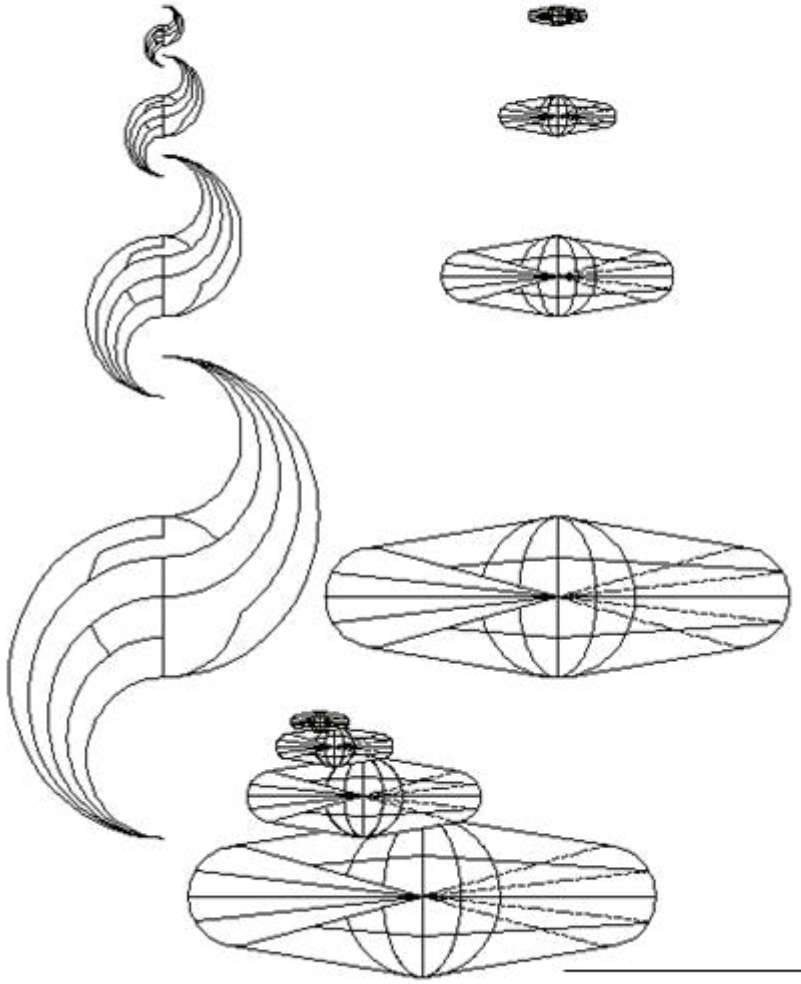
Process

My initial idea involving none cubic units led me to imagine how two very different forms could interlock. Families of proportional units would circulate through the landscape linked in a fractionally geometric pattern while maintaining their unique identities. I began to explore variations in the altitude of each unit while creating the visual impression of a suspended, multilevel exhibition space; altitude being inversely related to the size of the structure.

Landscape color

- Elevator system
- Enclosed walkway
- Exposed walkway
- Exhibition gallery
- Diverse garden
- Observation platform
- Indoor structure
- Trans level ramp
- Trans level stairs
- Water fountain
- Performance

Landscape size



Autume 2008

JEFF FRAZIER

THE [ELASTIC] CUBE

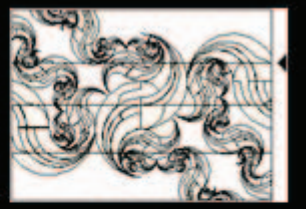
LANDSCAPE THREE • CAD, COLORED PENCIL • 24 X 36 • AUG8



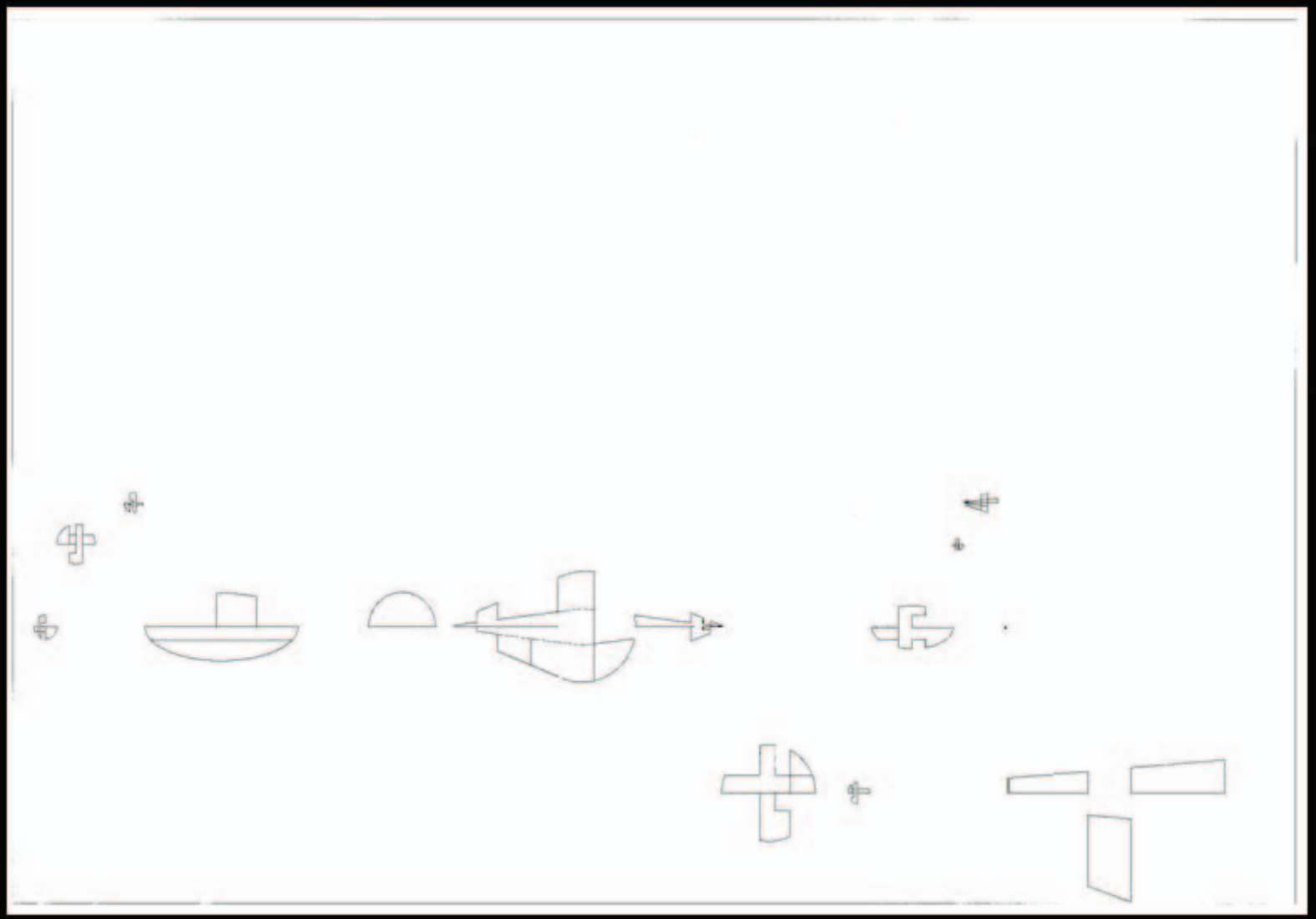
AUTUME 2008

JEFF FRAZIER

THE [ELASTIC] CUBE



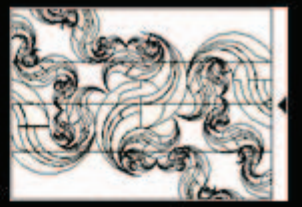
SECTION ONE • CAD • 24 x 36 • AU08



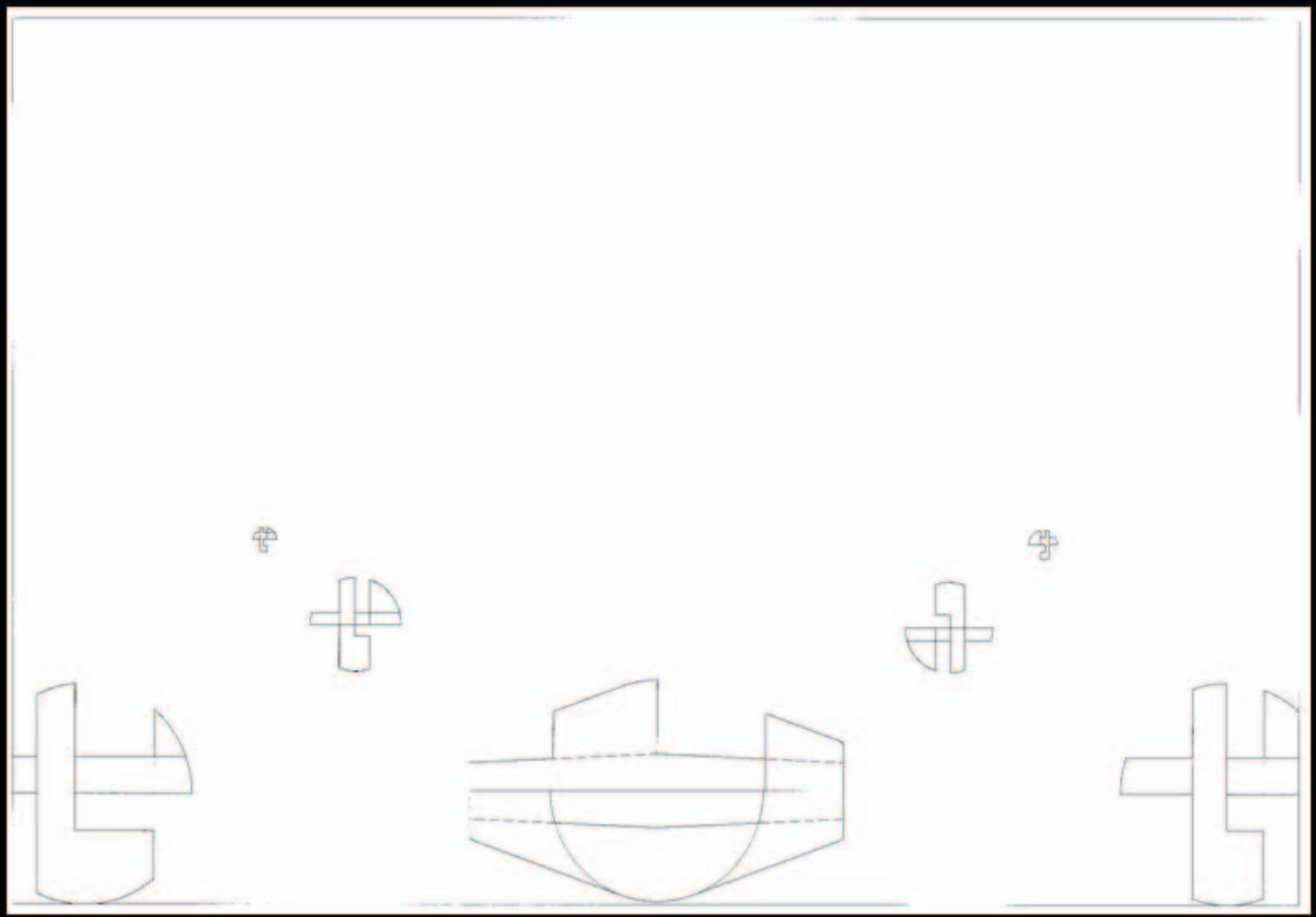
AUTUME 2008

JEFF FRAZIER

THE [ELASTIC] CUBE

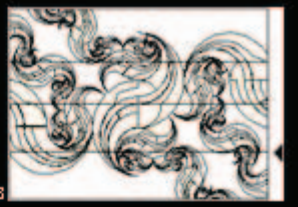


SECTION TWO • CAD • 24 x 36 • AU08

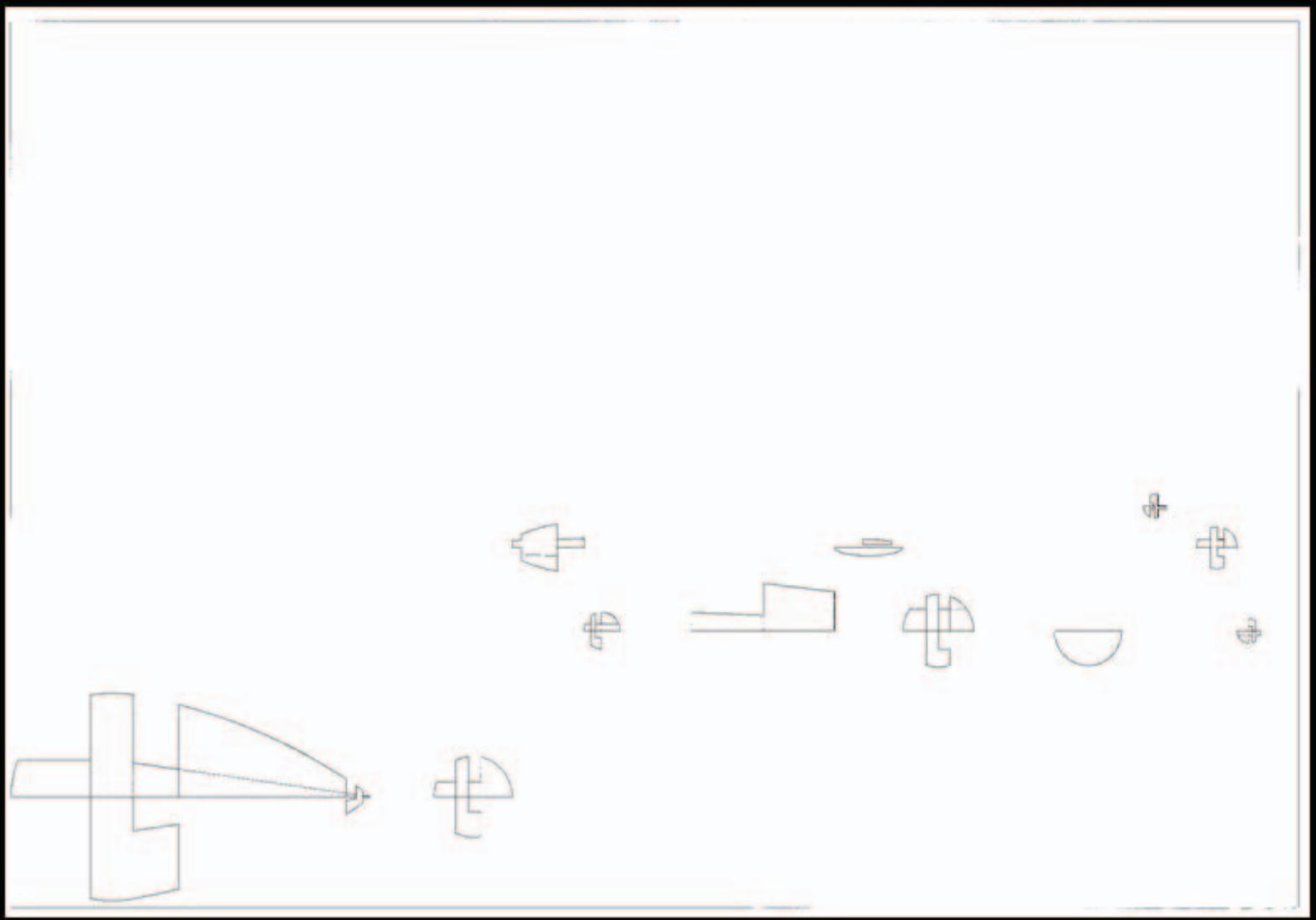


JEFF FRAZIER

THE [ELASTIC] CUBE



SECTION THREE • CAD • 24 X 36 • AU08



AUTUME 2008

Jeff Frazier

The Cube [Exhibited]

The exhibition stage of this project was focused on the unique display of the cube in light. The design of my structure achieves quality exhibition space, spacious circulation through them, and an overall sense of connectivity through the use of four second floor platforms. The surrounding landscapes multi-layered walls allow entrance to the exhibit from the lower area and the upper most platform. The cubes would be featured to both exhibition levels of the building from inside the three glass platforms. Being partially imbedded into the landscape allows light to enter the ground level only by passing through the transparent flooring. The cubes would let sunlight pass through thousands of spaces, casting the shadows of the cubes on the floor of the lower exhibition space. The second floor exhibitions would be on accessible by elevator or stairs. Examining the cubes from the reversed perspective of the second level would display them for a closer look. Different colored cubes could be arranged in patterns to decorate the deck of the building.

JEFF FRAZIER

THE CUBE [EXHIBITED]

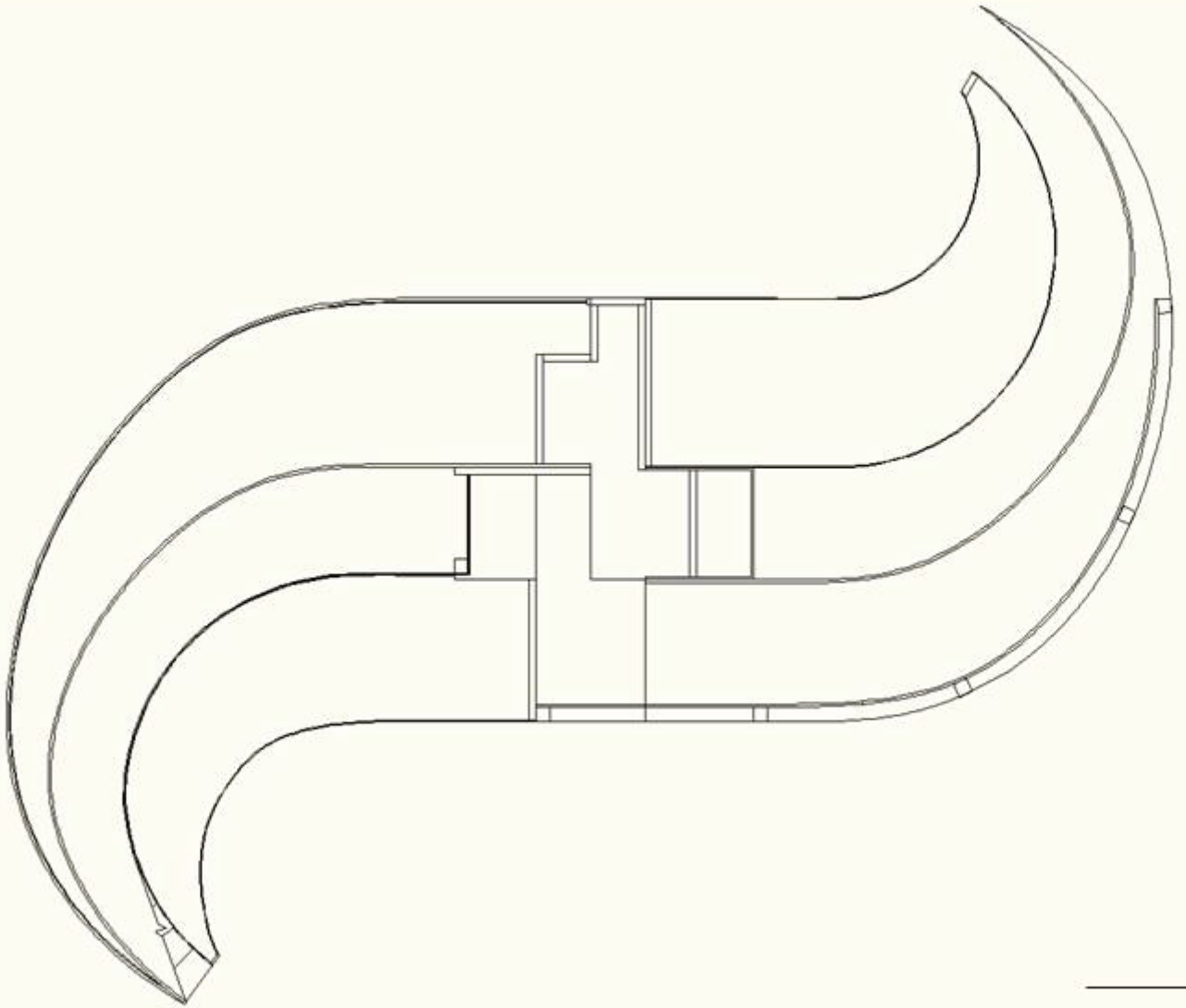


EXHIBIT PLAN A • CAD • SCALE: 1/8" = 1' • SP08

AUTUME 2008

JEFF FRAZIER

THE CUBE [EXHIBITED]

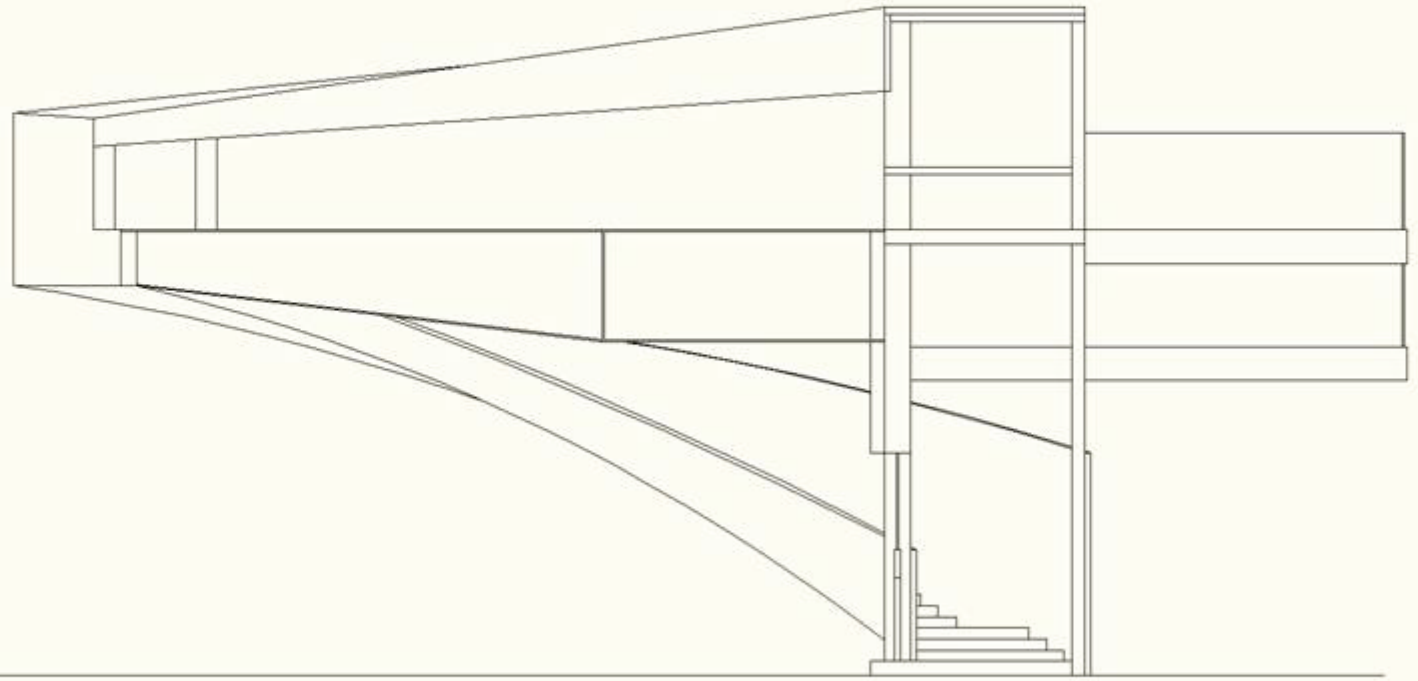


EXHIBIT SECTION A • CAD • SCALE: 1/8" = 1' • SP08

JEFF FRAZIER

THE CUBE [EXHIBITED]

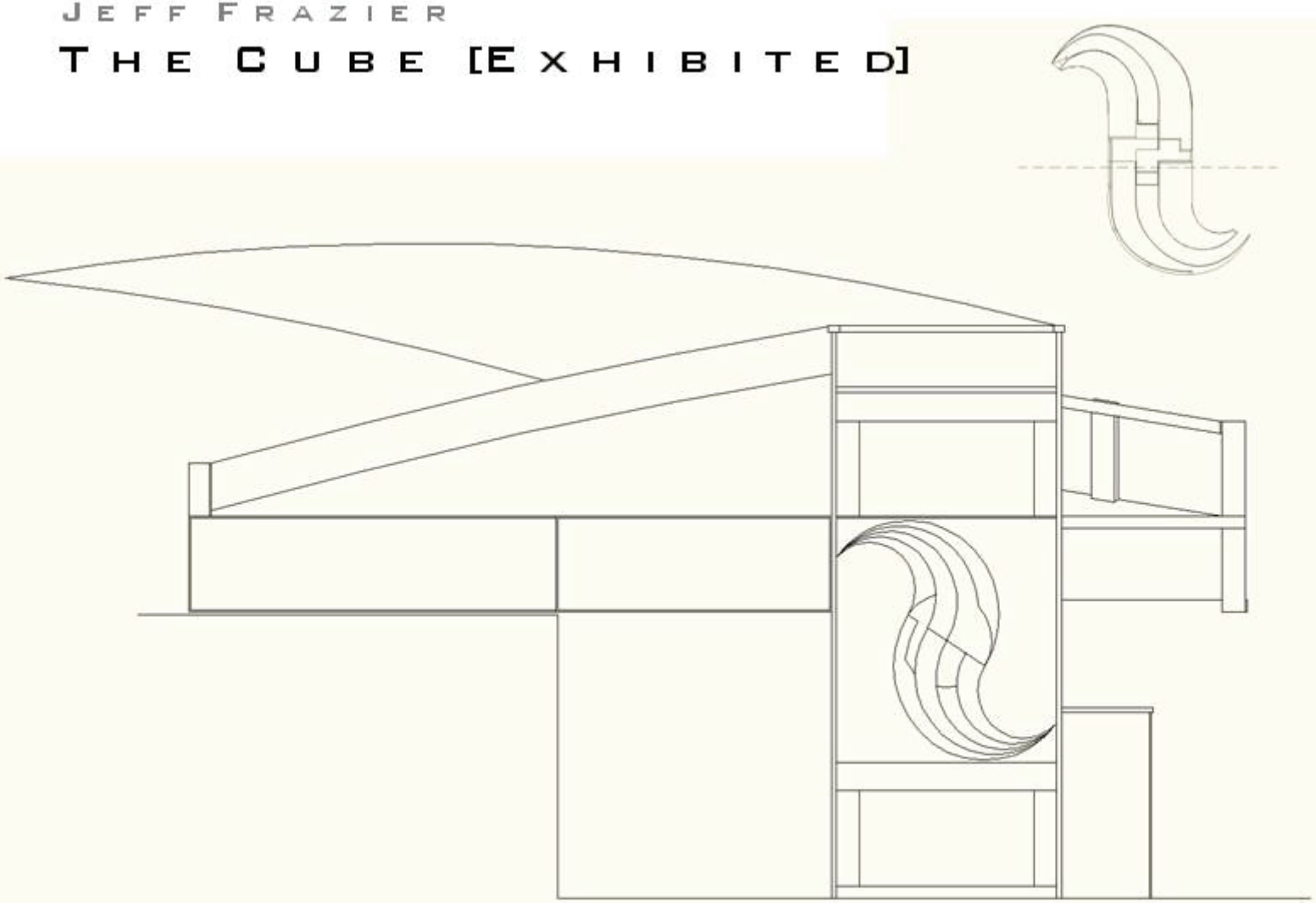
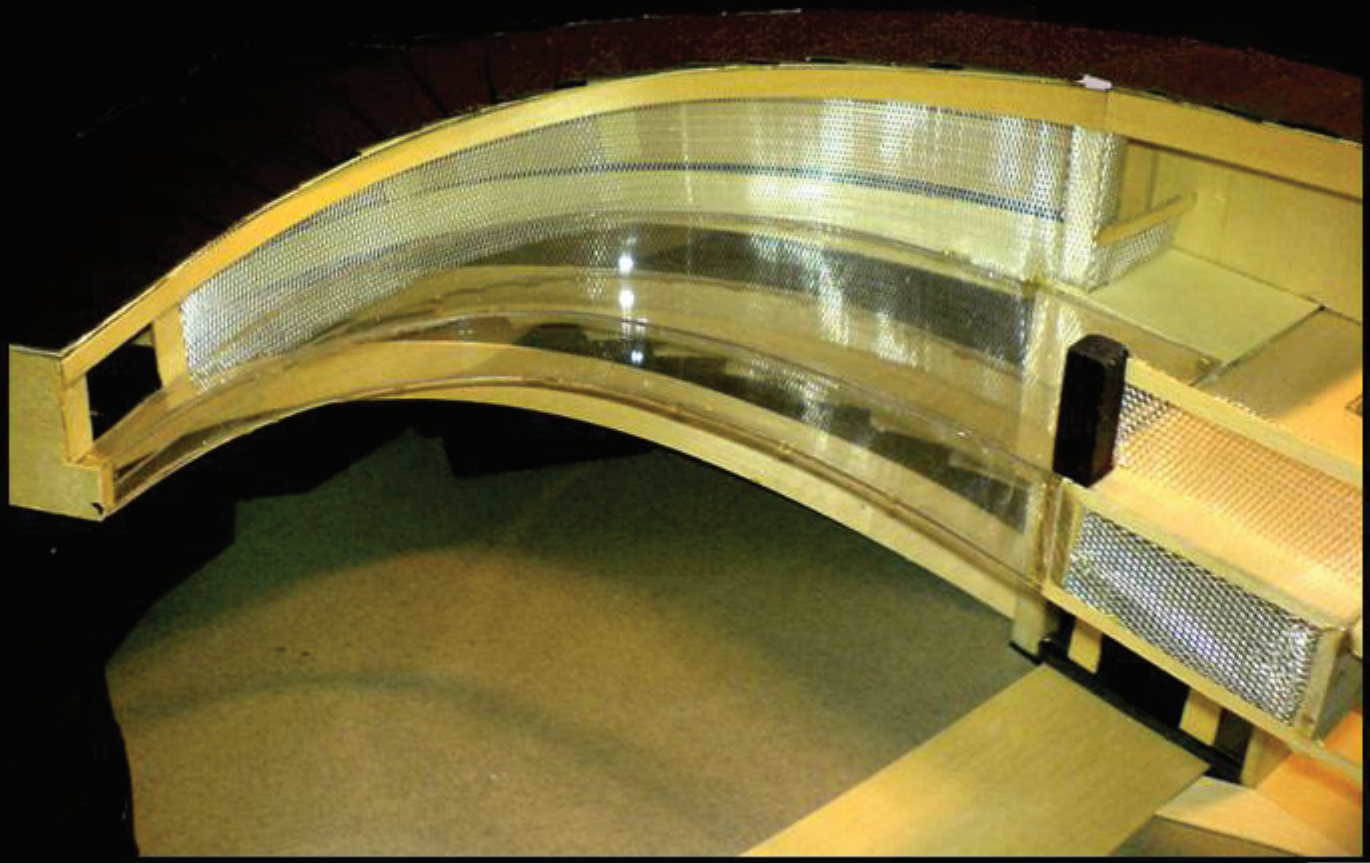


EXHIBIT SECTION B • CAD • SCALE: 1/8" = 1' • SP08

AUTUME 2008

Jeff Frazier

The Cube [Exhibited]



Autume 2008

Jeff Frazier

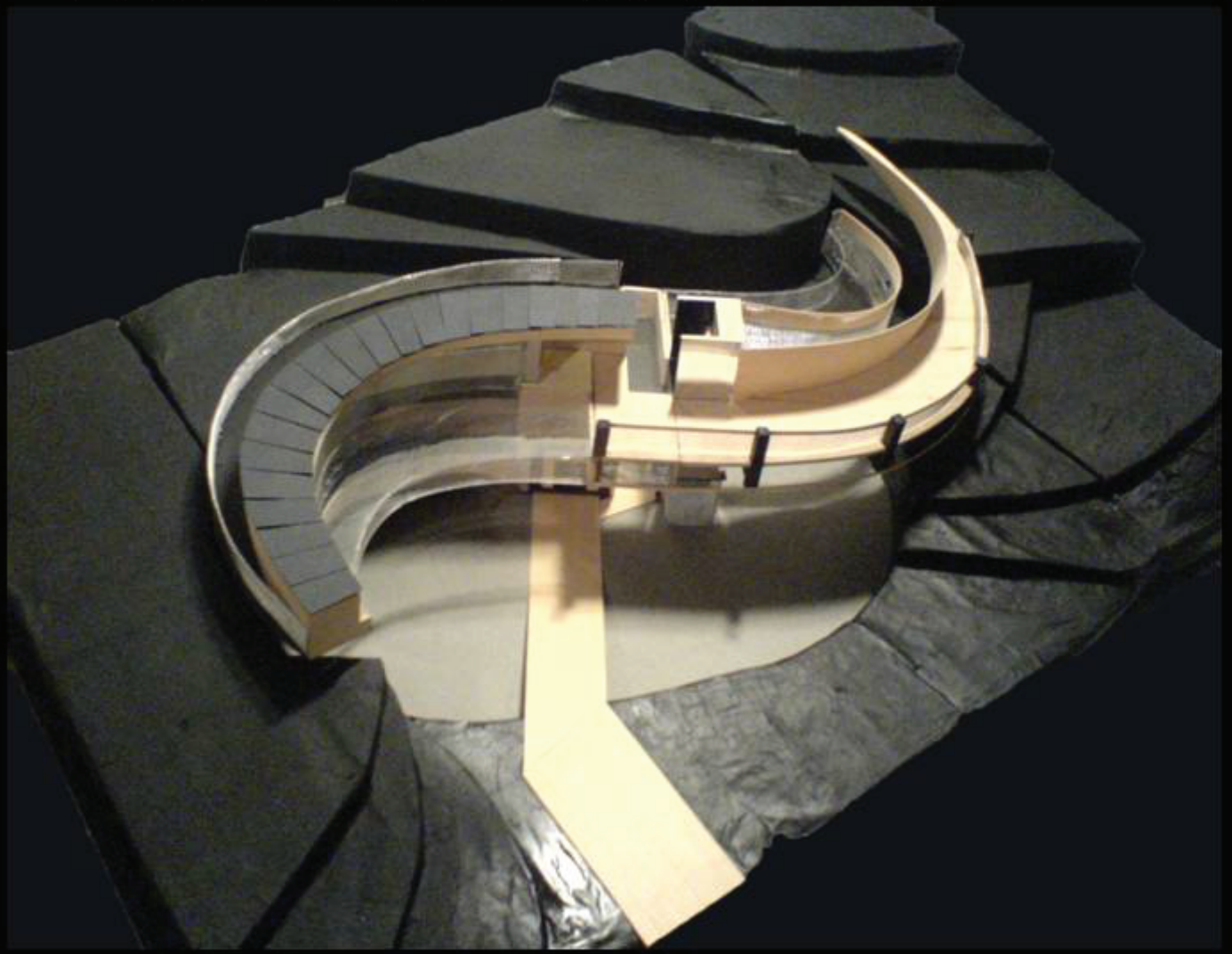
The Cube [Exhibited]



Autume 2008

Jeff Frazier

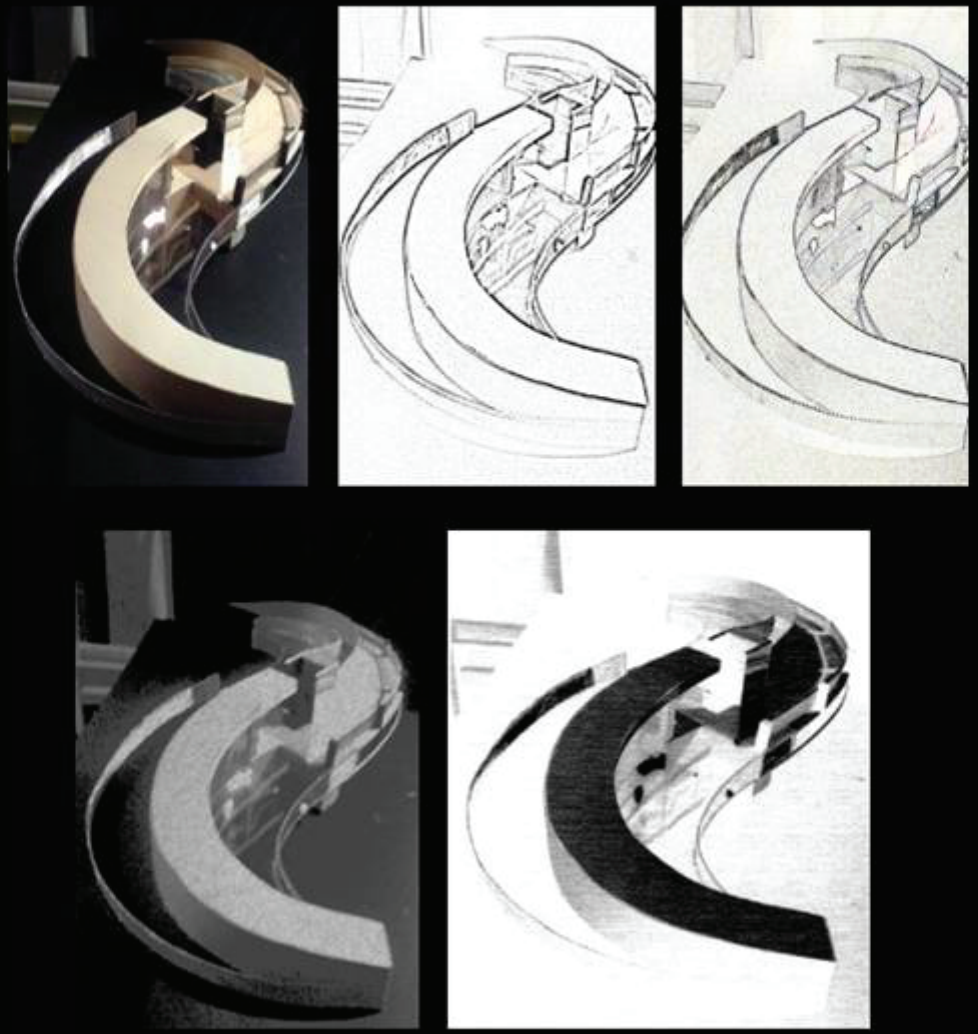
The Cube [Exhibited]



Autume 2008

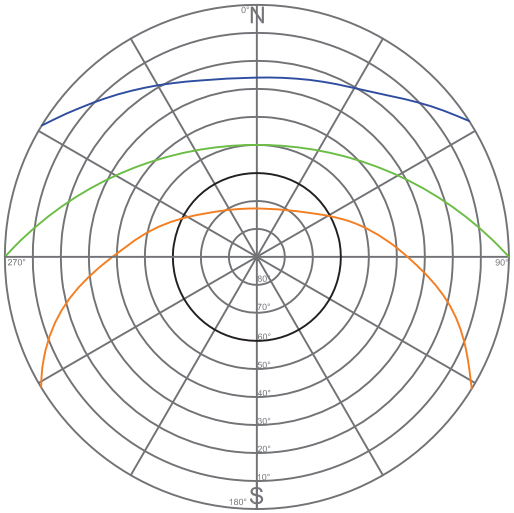
Jeff Frazier

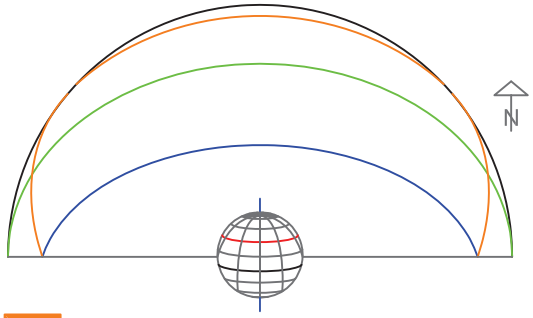
The Cube [Exhibited]



Autume 2008

SEASONAL DEGREE OF DIRECT SUNLIGHT

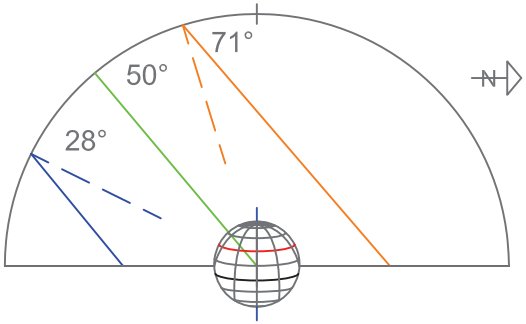


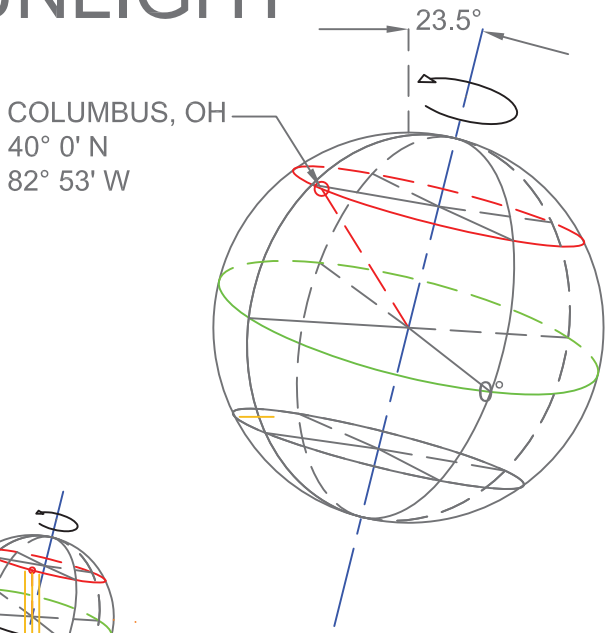


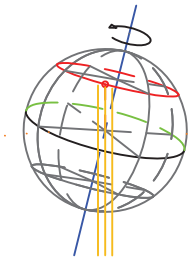
SUMMER SOLSTICE SOLAR PATH

VERNAL & AUTUMNAL EQUINOX

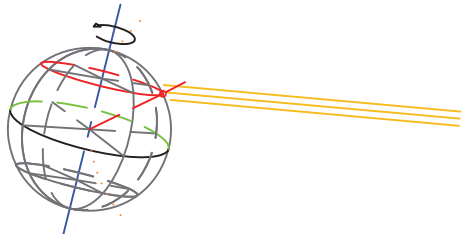
WINTER SOLSTICE SOLAR PATH



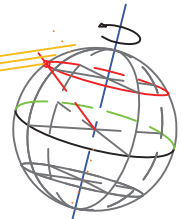




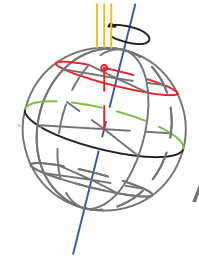
VERNAL EQUINOX



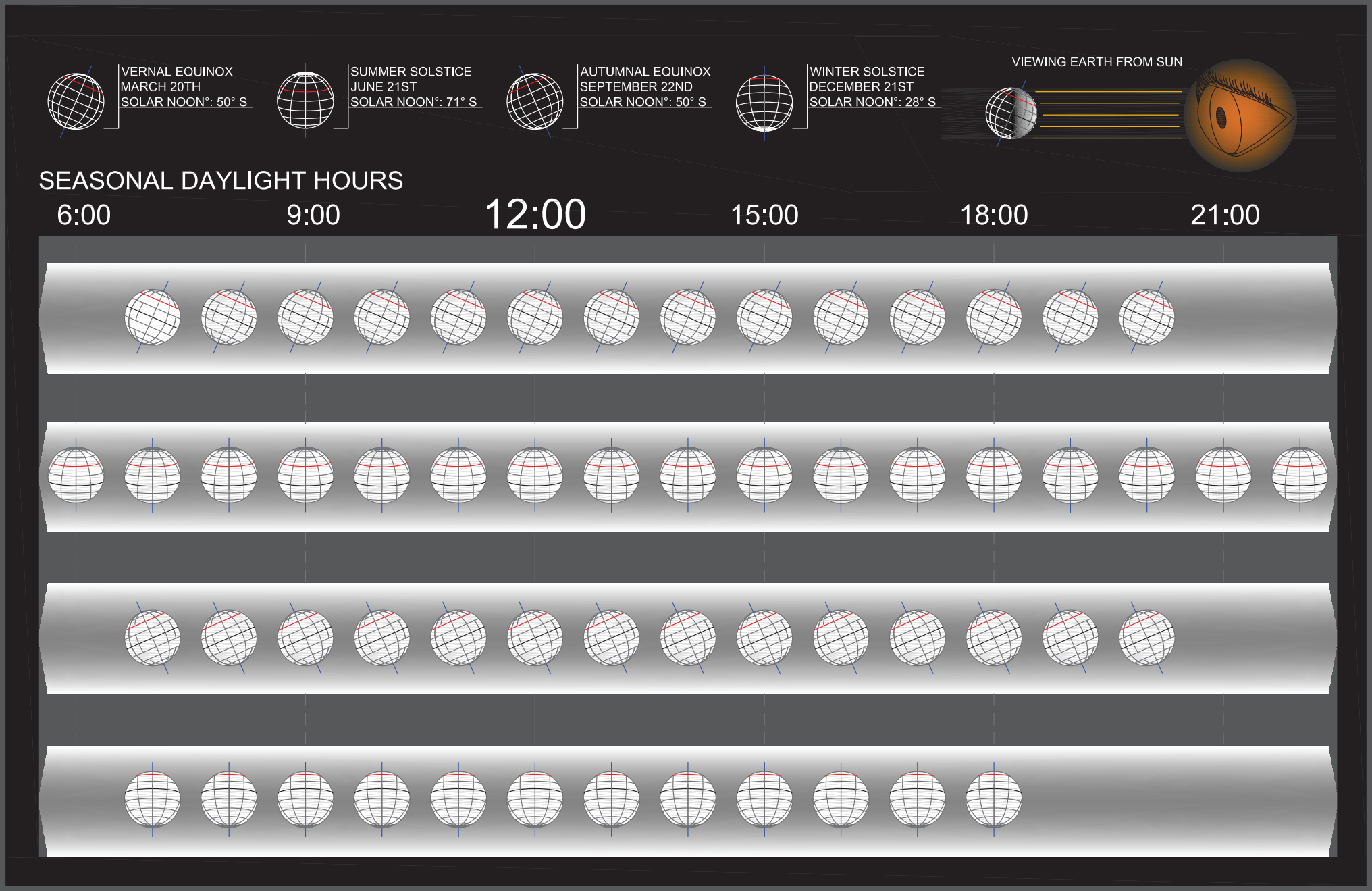
SUMMER SOLSTICE



WINTER SOLSTICE

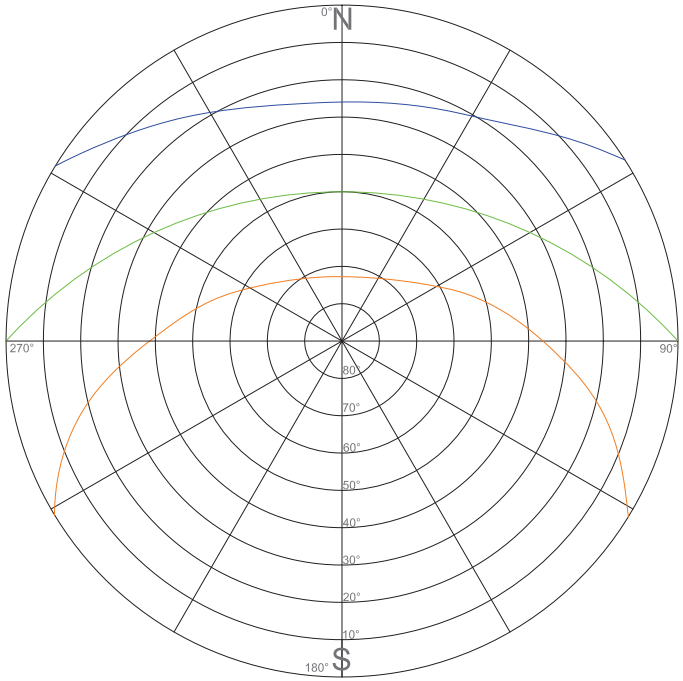


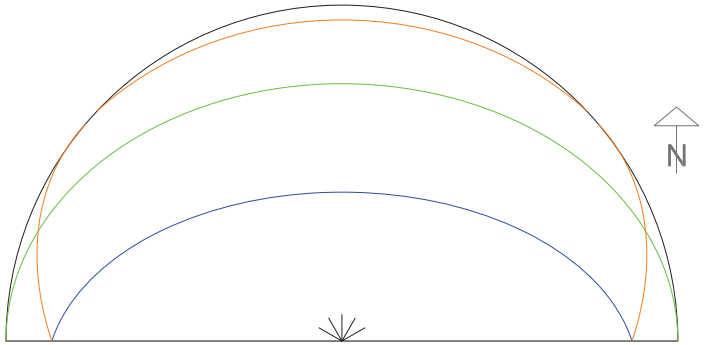
AUTUMNAL EQUINOX



SOLAR ORIENTATION PROJECT

AUTUME 2009

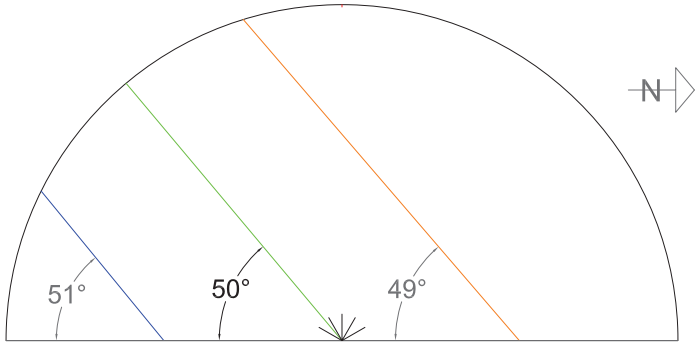




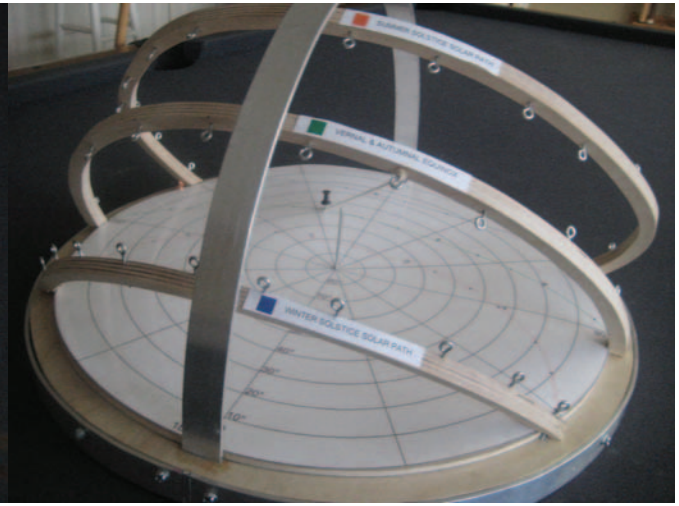
SUMMER SOLSTICE
SOLAR PATH

VERNAL & AUTUMNAL
EQUINOX

WINTER SOLSTICE
SOLAR PATH



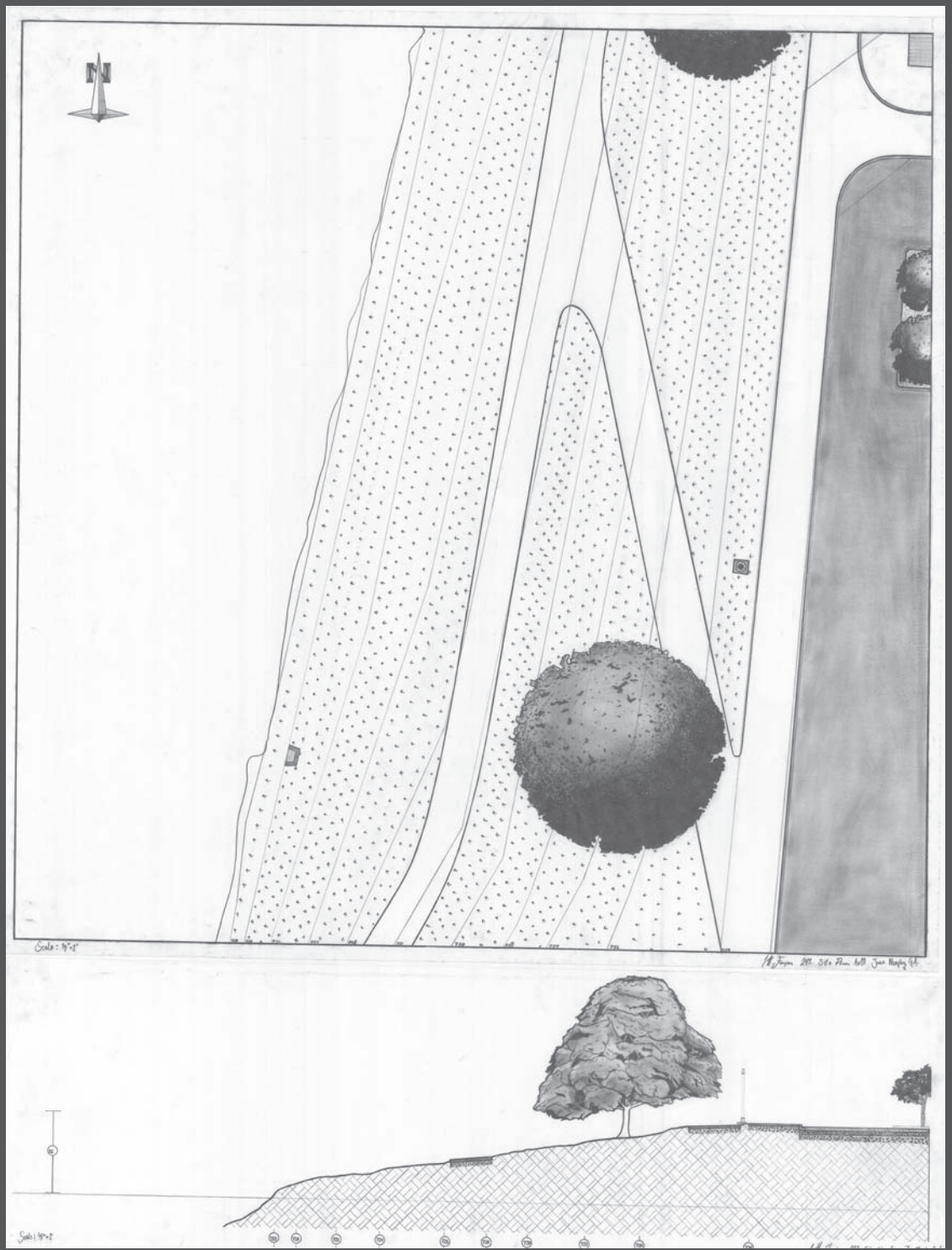


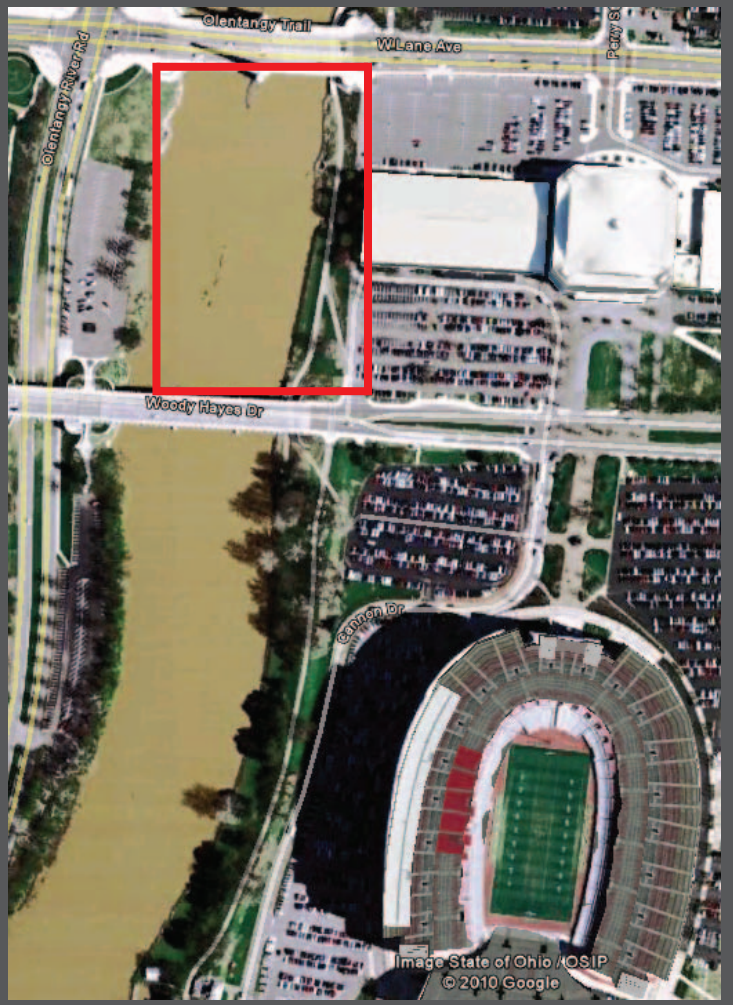


SOLAR ORIENTATION PROJECT

AUTUME 2009

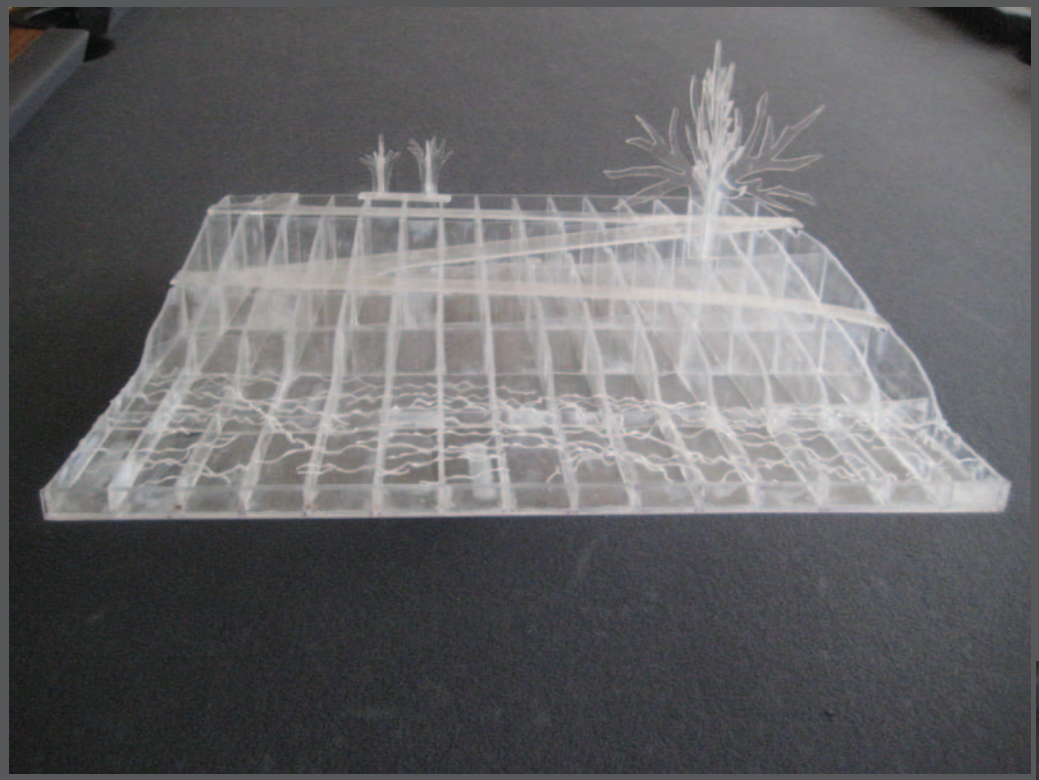
The Second Year Academic Portfolio of Jeff Frazier

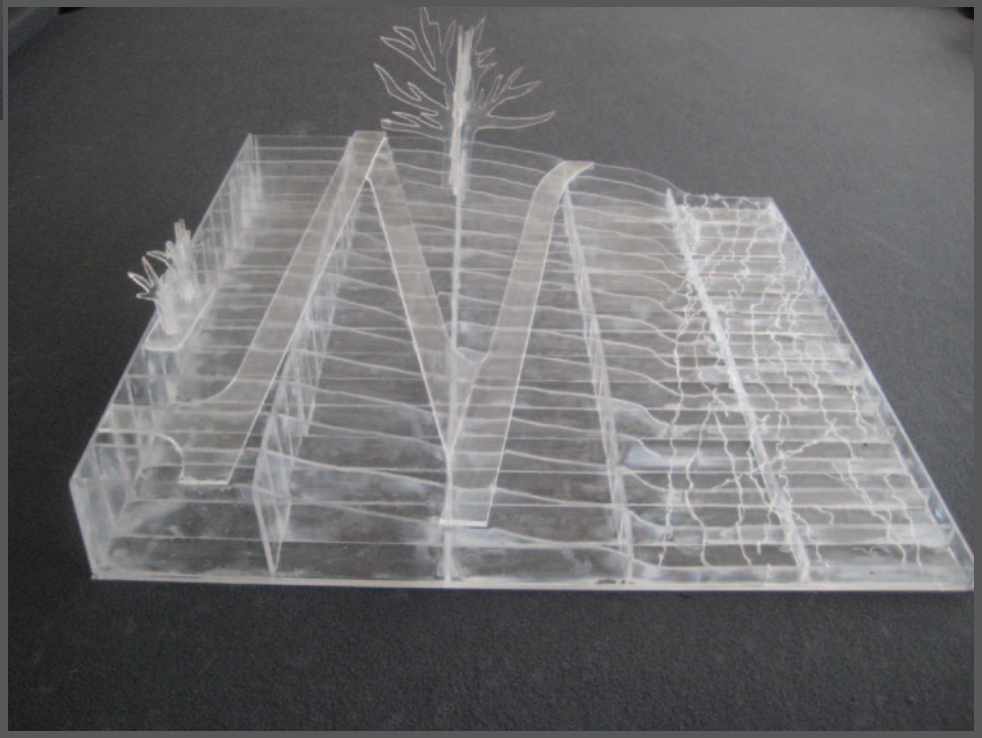




Campus Site Study Project

Autume 2009

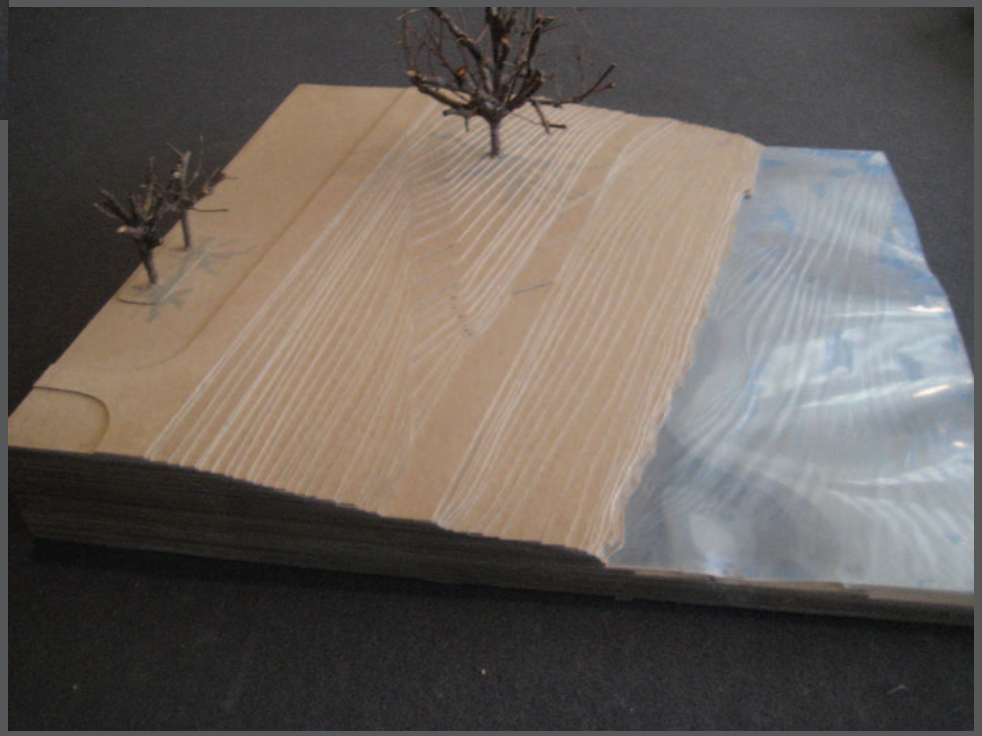




CAMPUS SITE MODEL ONE - .0625 SCALE

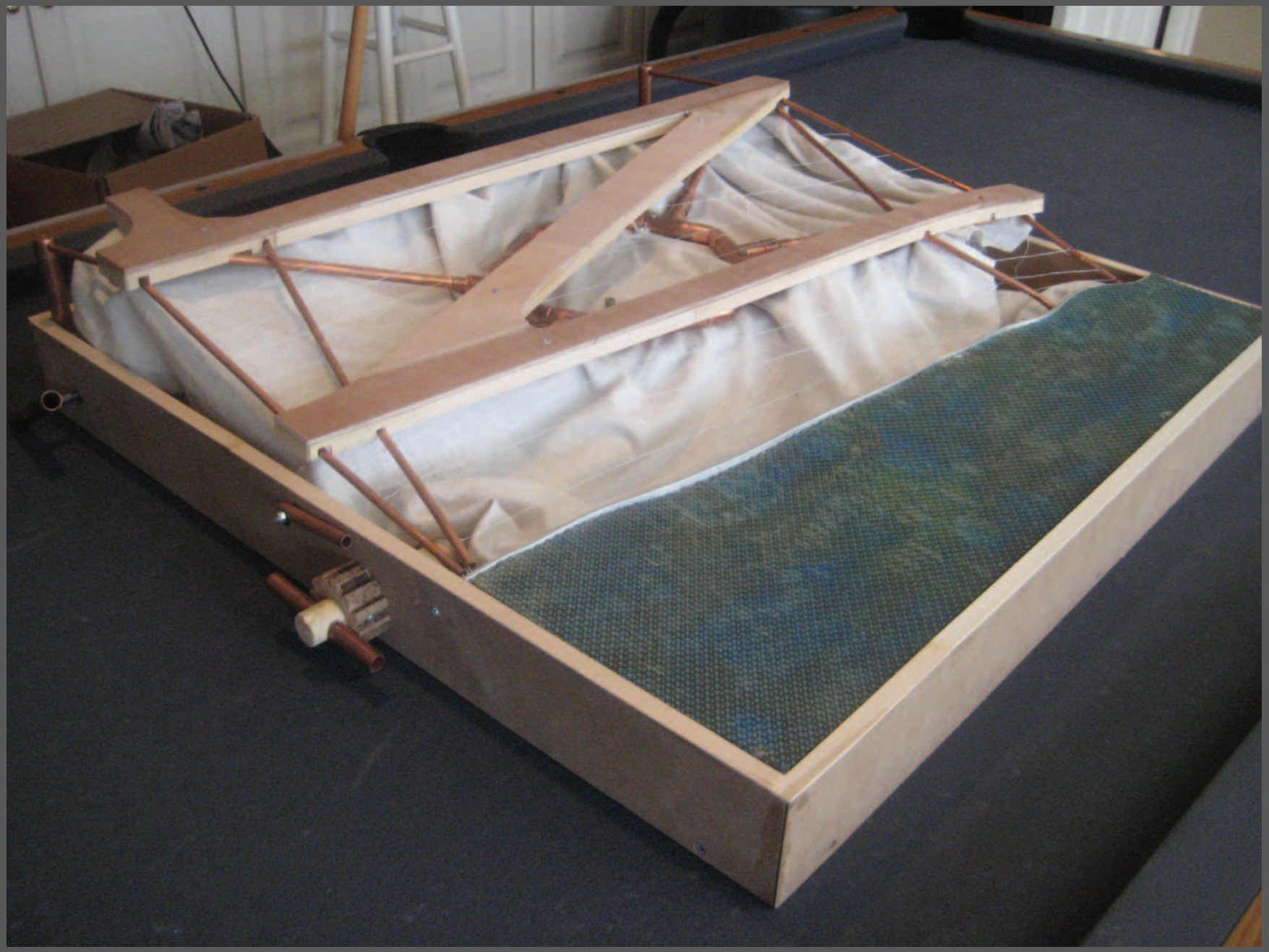
AUTUME 2009





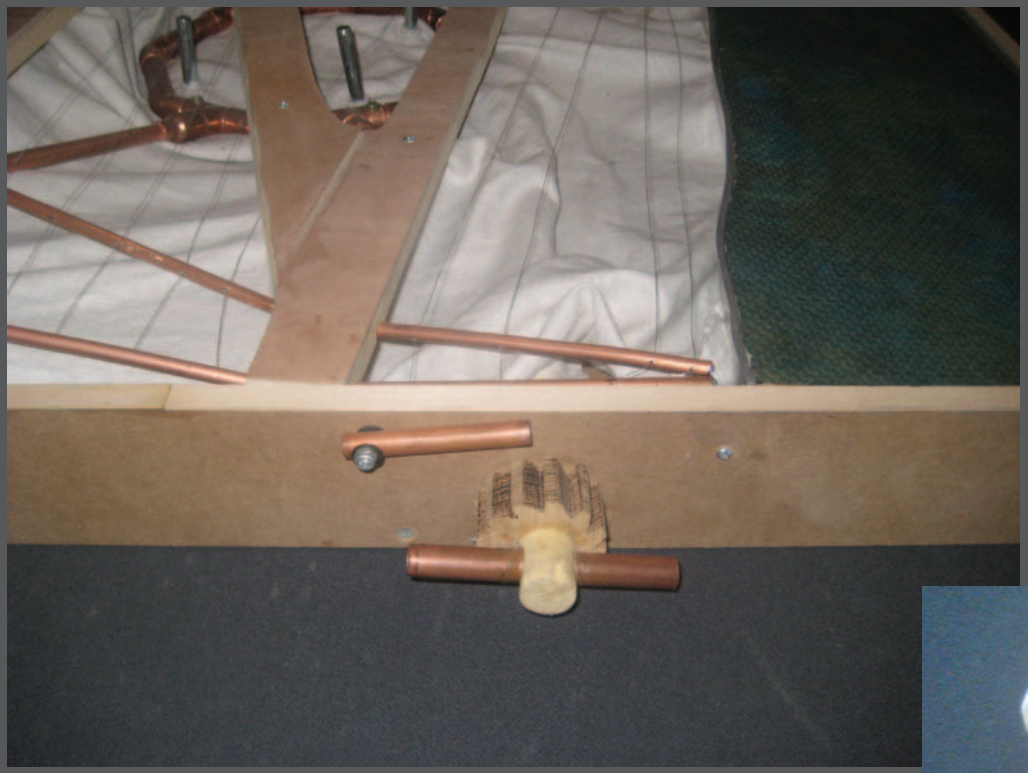
CAMPUS SITE MODEL TWO - .0625 SCALE

AUTUME 2009



PNEUMATIC SITE MODEL - .125 SCALE

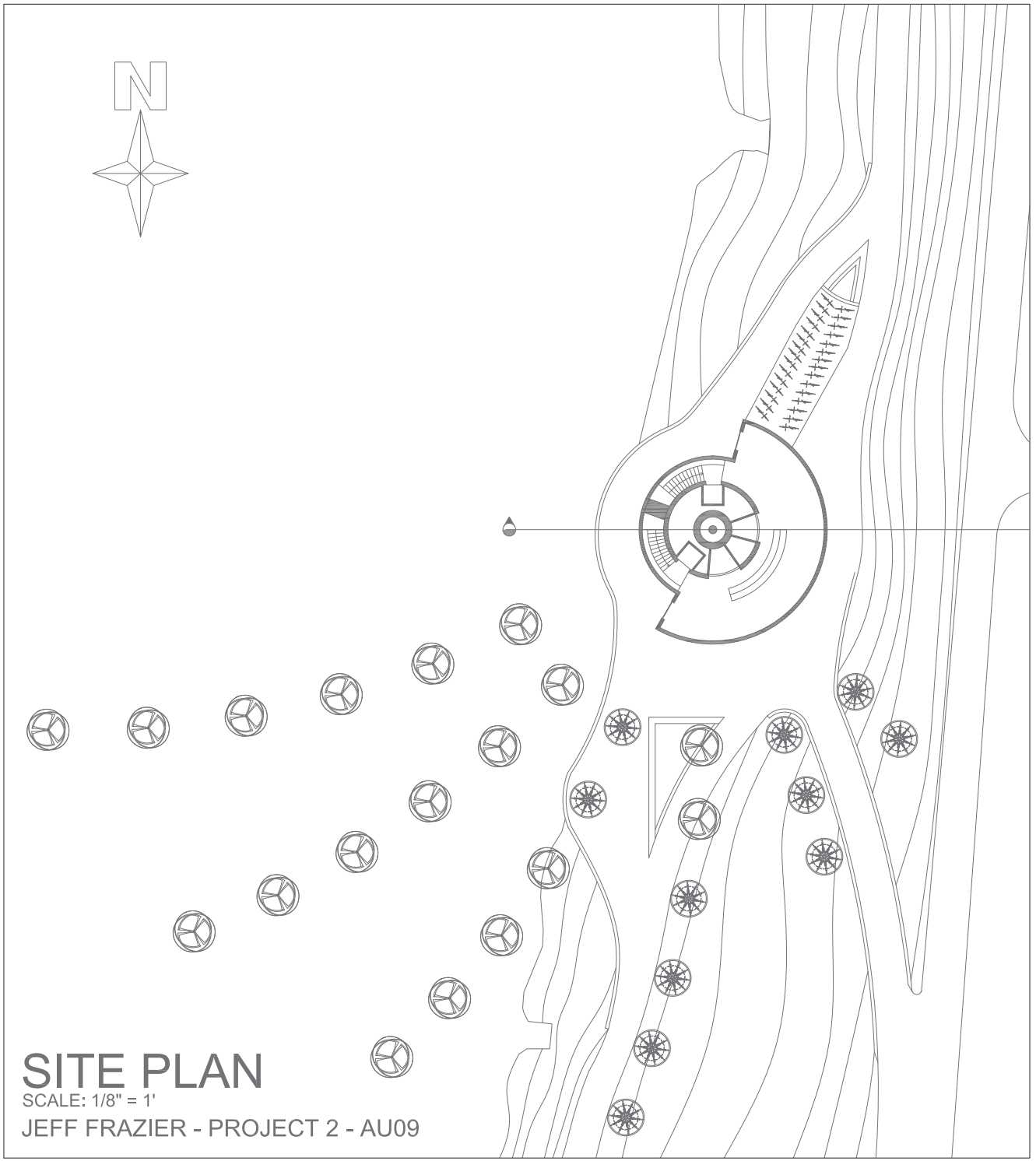
AUTUME 2009





PNEUMATIC SITE MODEL - .125 SCALE

AUTUME 2009



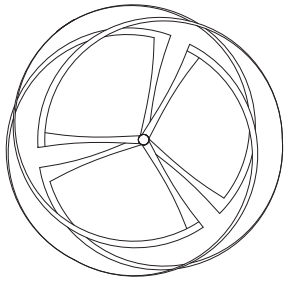
SITE PLAN

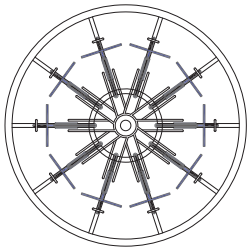
SCALE: 1/8" = 1'

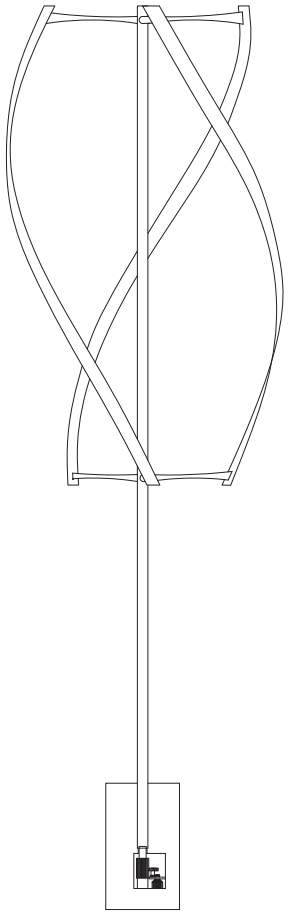
JEFF FRAZIER - PROJECT 2 - AU09

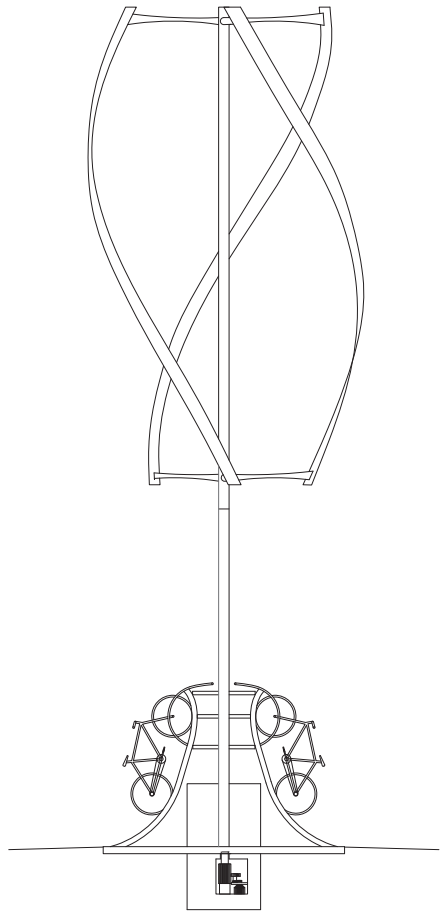
AUTUME 2009

THE SECOND YEAR ACADEMIC PORTFOLIO OF JEFF FRAZIER

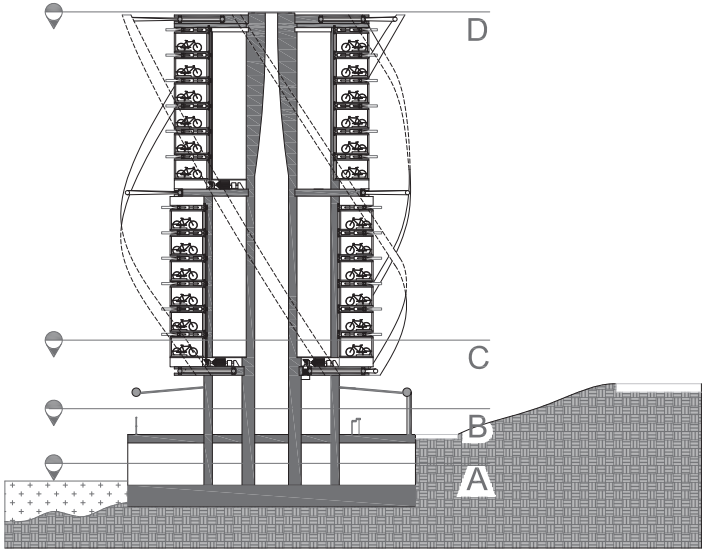


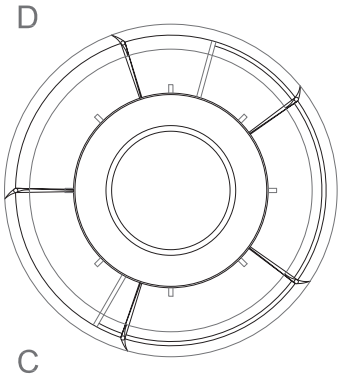


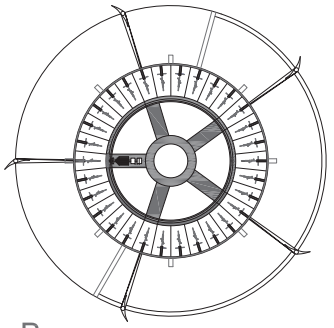


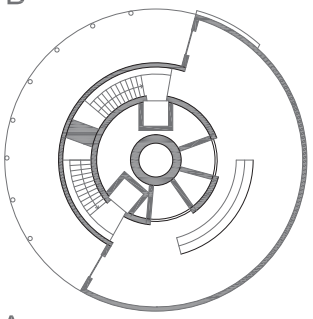


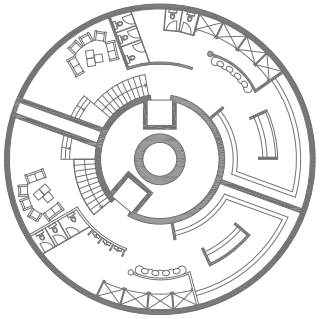
AUTUME 2009











TOWER SECTION
LEVEL PLANS

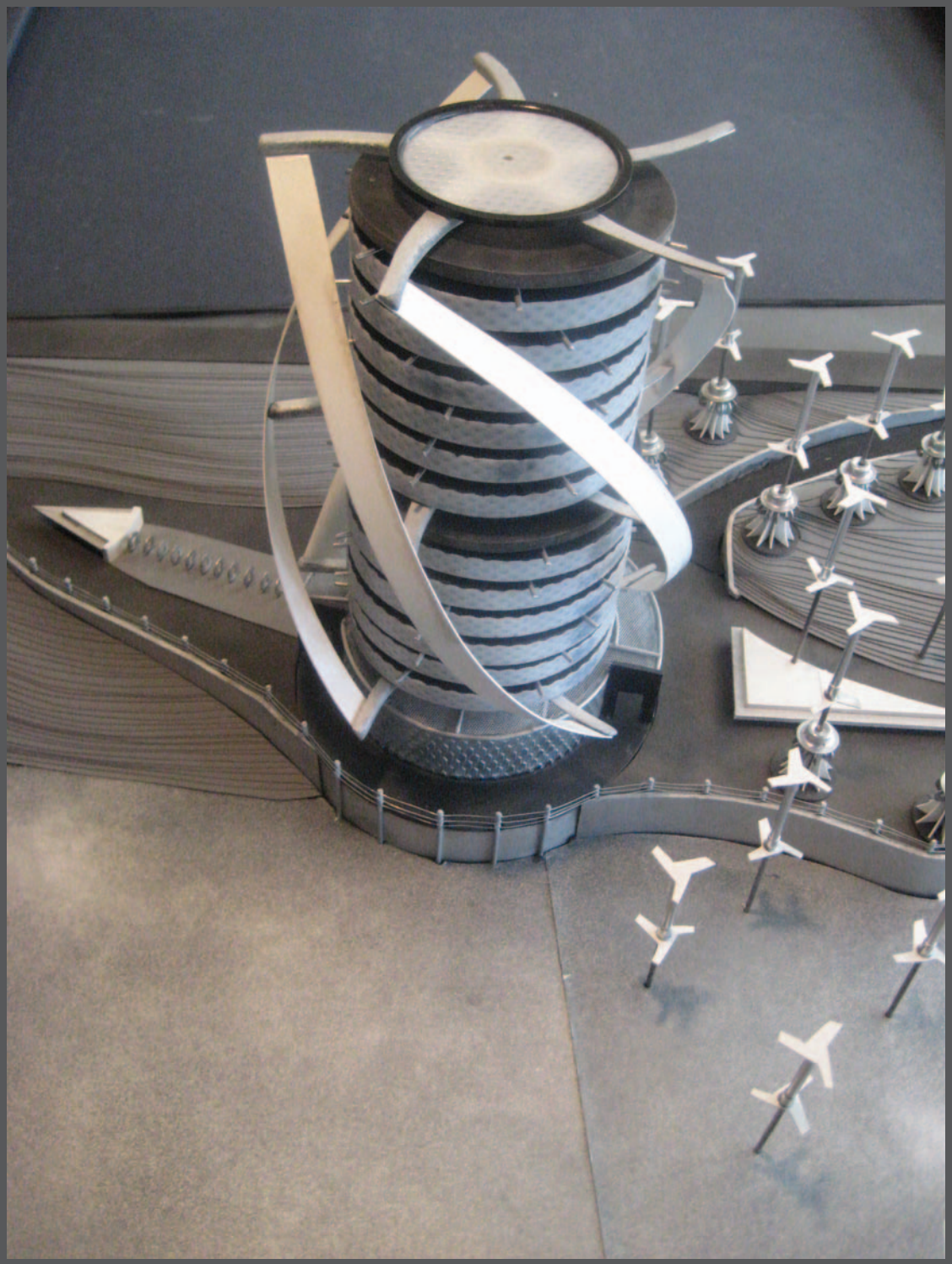
SCALE: 1/8" = 1'

JEFF FRAZIER - PROJECT 2 - AU09



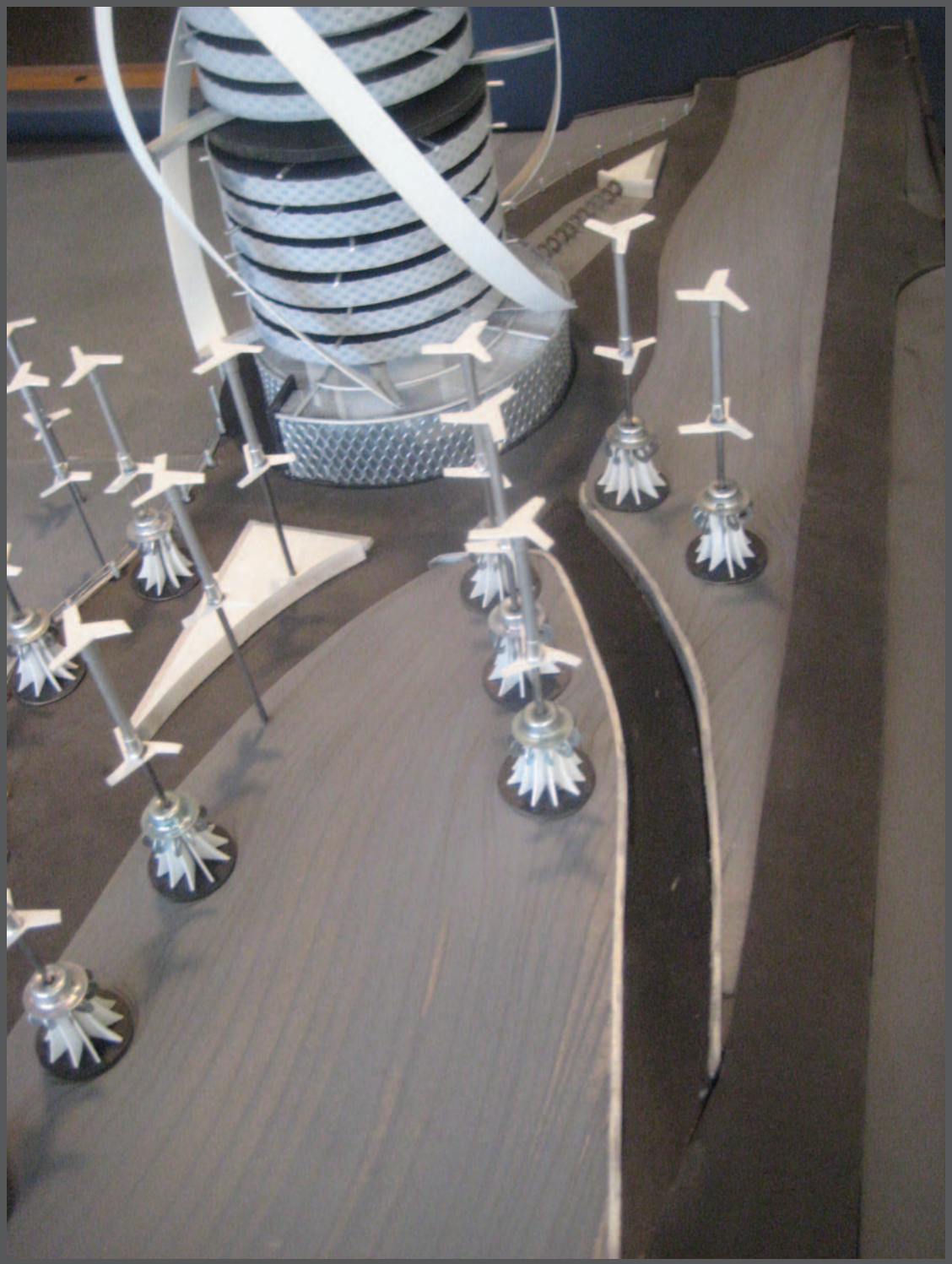
FINAL MODEL
.125 SCALE

AUTUME 2009



FINAL MODEL
.125 SCALE

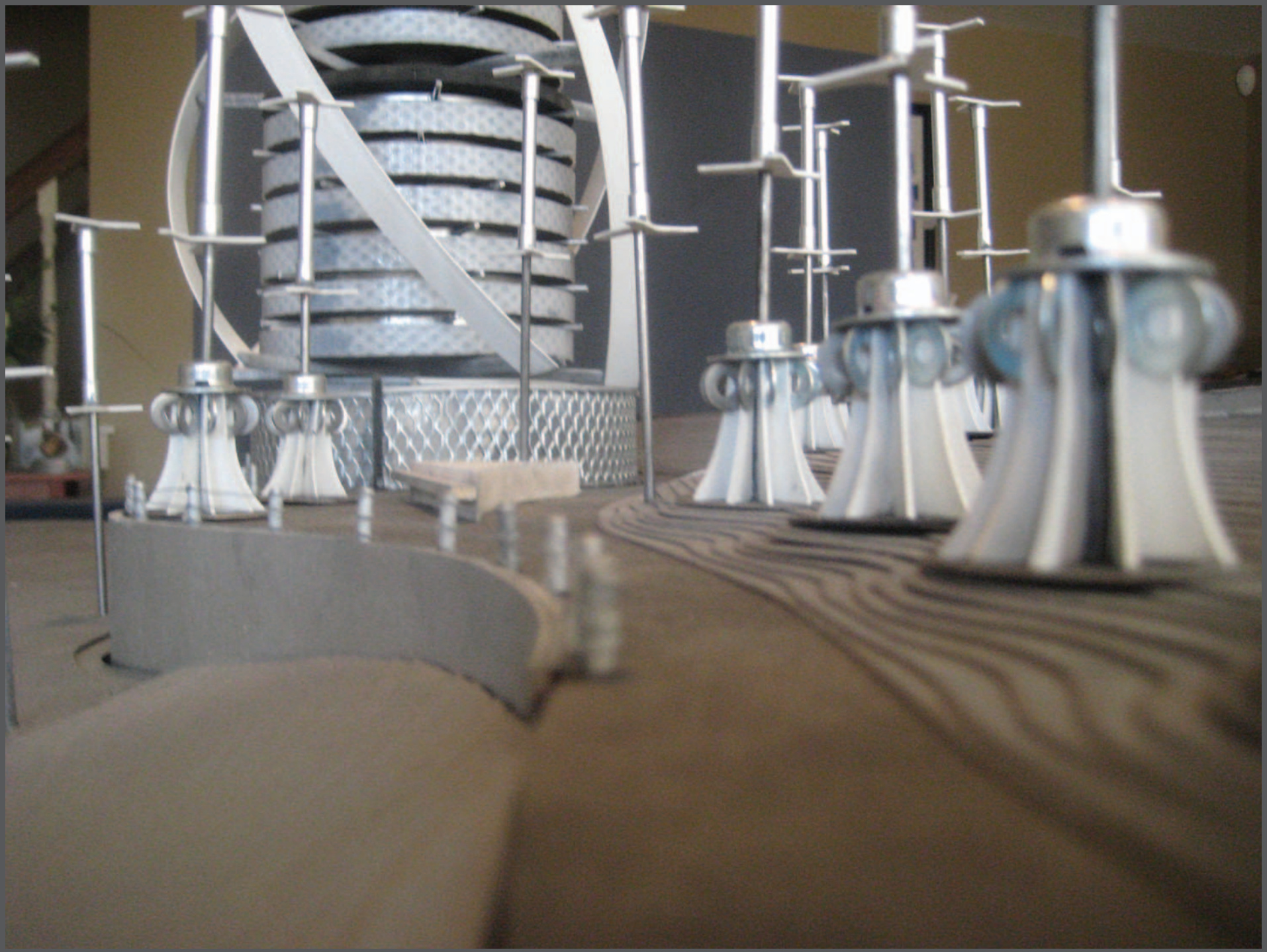
AUTUME 2009



FINAL MODEL
.125 SCALE

AUTUME 2009

The Second Year Academic Portfolio of Jeff Frazier



Autume 2009

PUMA

CONDITION

Design the vertical boundary of and urban infill located at the corner of a major urban road way and a pedestrian alley to facilitate a PUMA retail store at ground level, the popular Tango Bar and the linking vertical connection.

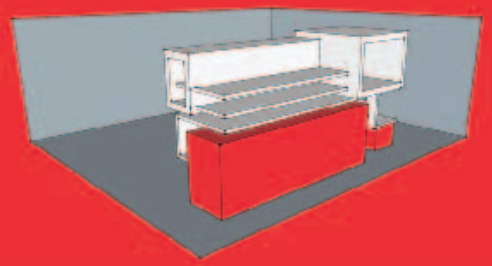
COURSE

Drawing inspiration from design themes of PUMA brand stores everywhere, with significant architectural considerations by MVRDV's WoZoCo Housing and the Storefront for Art and Architecture in New York.

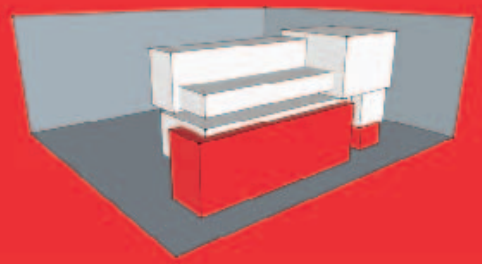
CONFIGURATION

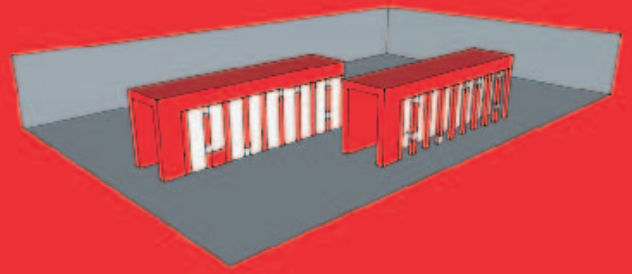
Portray a specific collaboration of various architectural concepts to achieve ideal special dynamics, sustainable infrastructure, and more intimate architectural effects while portraying classic PUMA brand design style.











PUMA PLAZA - KLAUS KACH - GERMANY



PUMA's famous red shoe box and the PUMA logo inspire the formal composition of the site and the building's visual order.

Façade transparency symbolizes PUMA's openness and honesty towards its partners and clientele.

White orthogonal lines designate the special qualities of the building.

WoZoCo HOUSING - MVRDV - AMSTERDAM





WoZoCo's program features cantilevering cubic projections, efficiently providing additional interior space beyond the limits of the site.

Complimenting PUMA style, the Tango bar uses cantilevering projections to add interior space.

The transparent balconies offer night time lighting effects.

STOREFRONT - ACCONCI / HOLL - NEW YORK



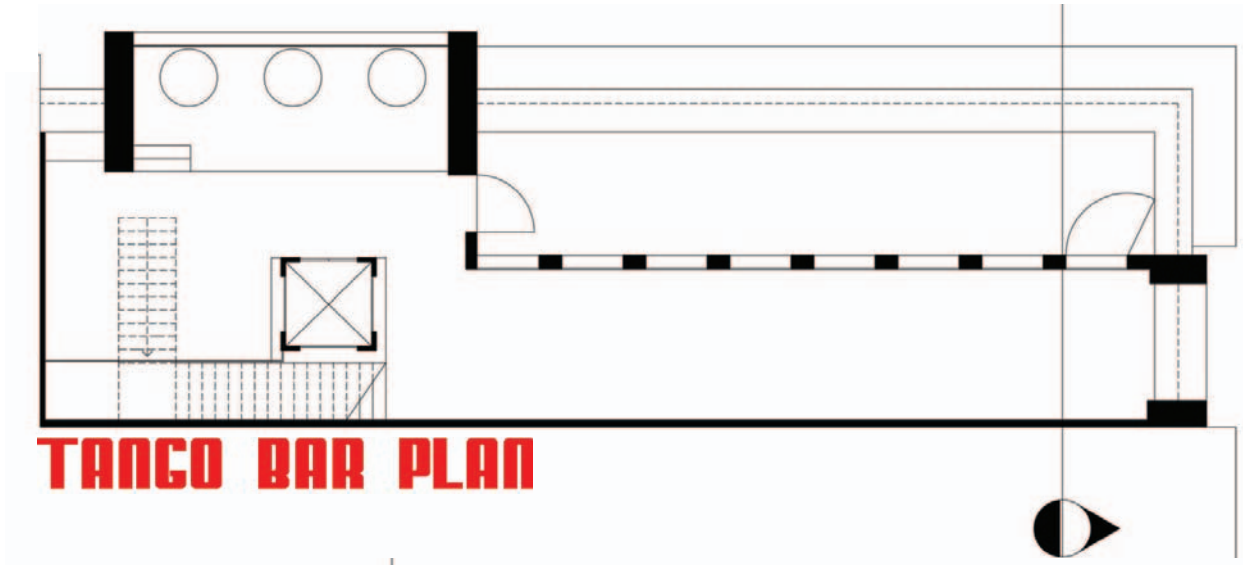


The Storefront for Art and Architecture adds the concept of an adjustable entrance along with altering the night time appearance of PUMA.

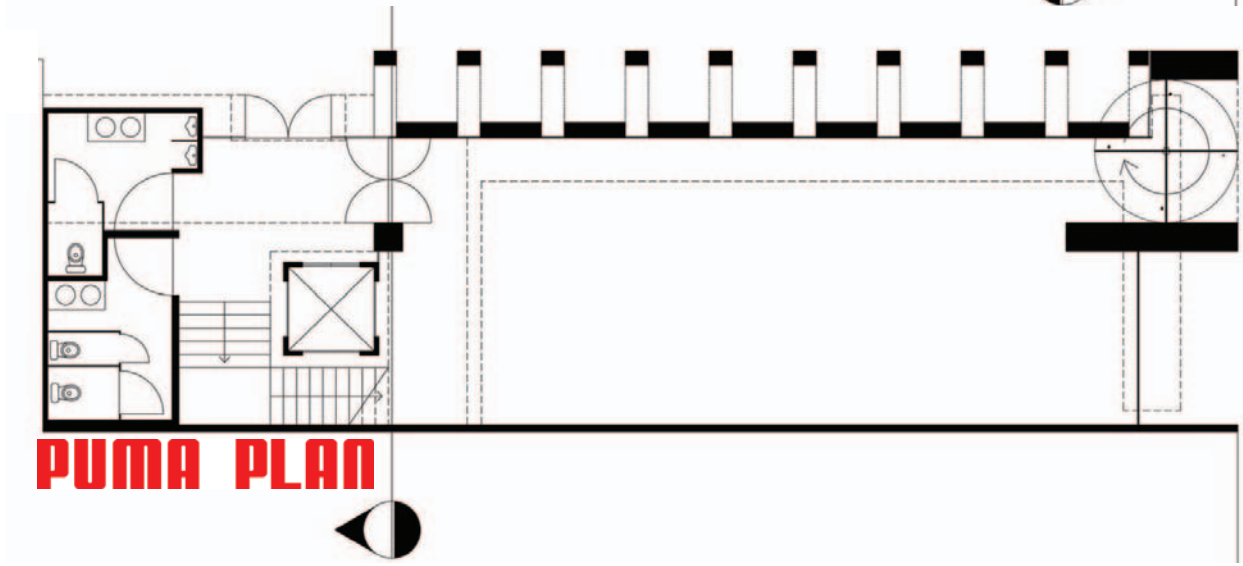
Similar to the Storefronts door and window openings, the PUMA logo retreats 4' into the store to add night time lighting and additional space to pedestrians.

JEFF FRAZIER ARCH 241 - Au09

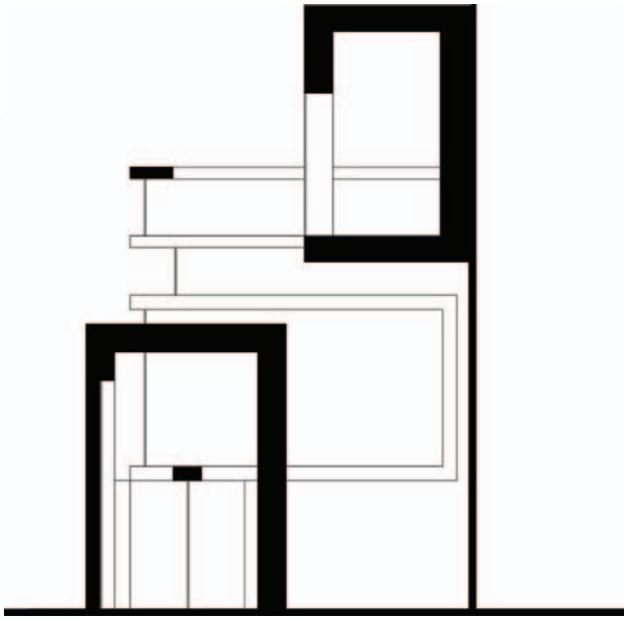
AUTUME 2009

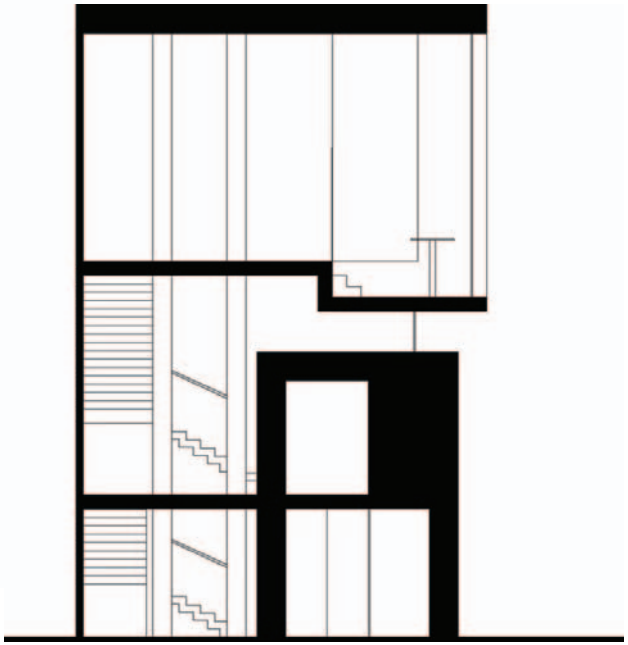


TANGO BAR PLAN



PUMA PLAN

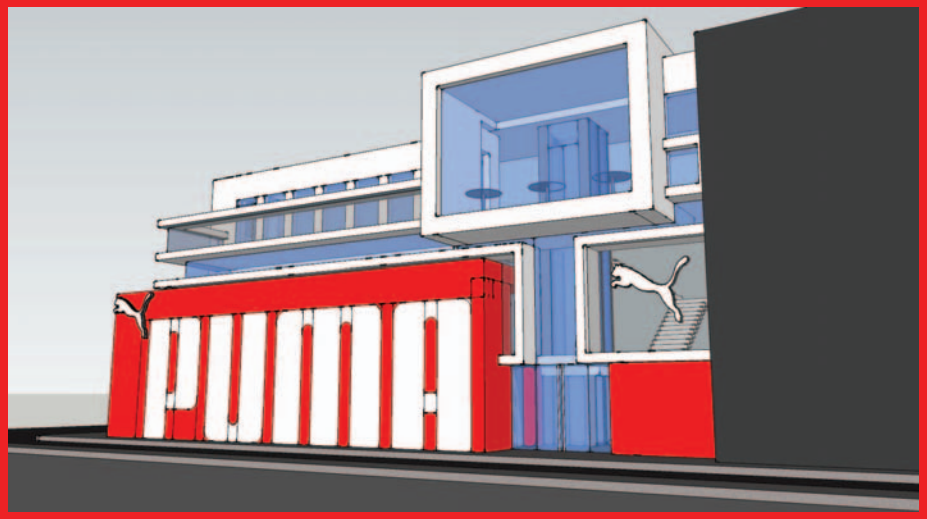


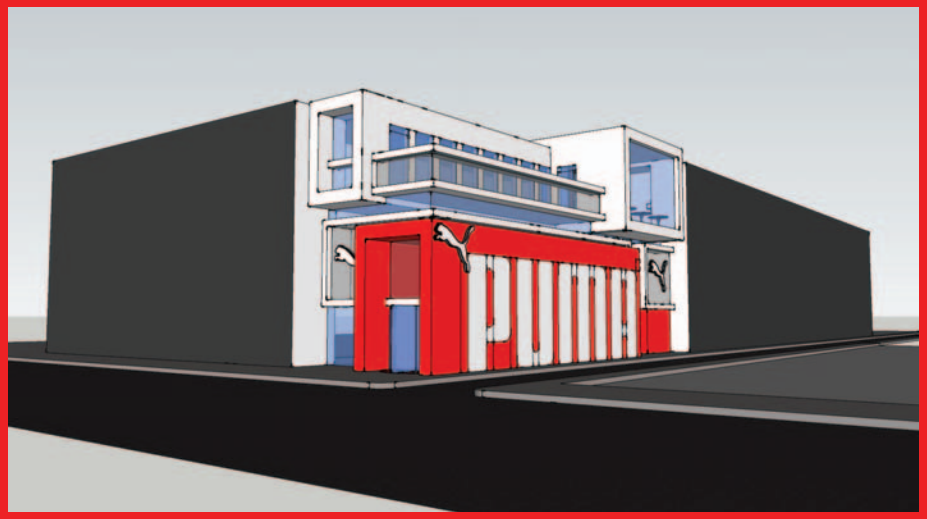


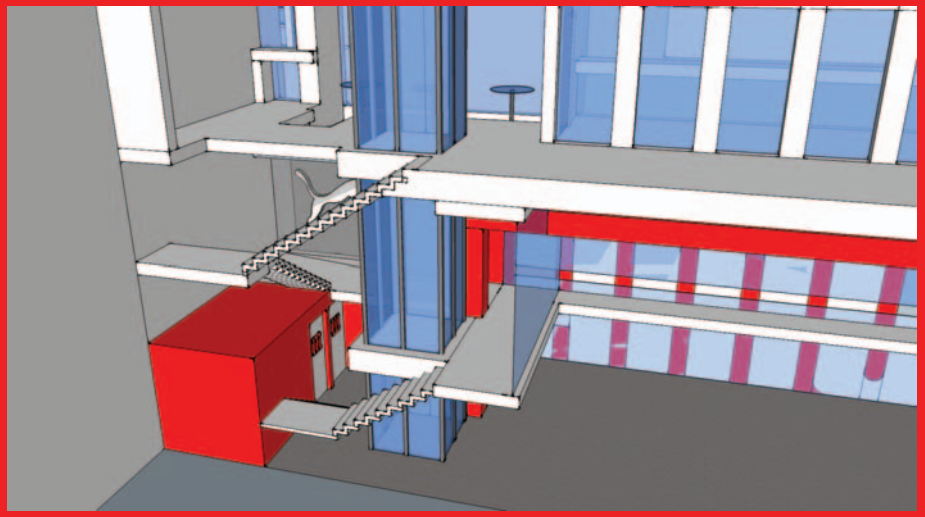
JEFF FRAZIER ARCH 241 - Au09

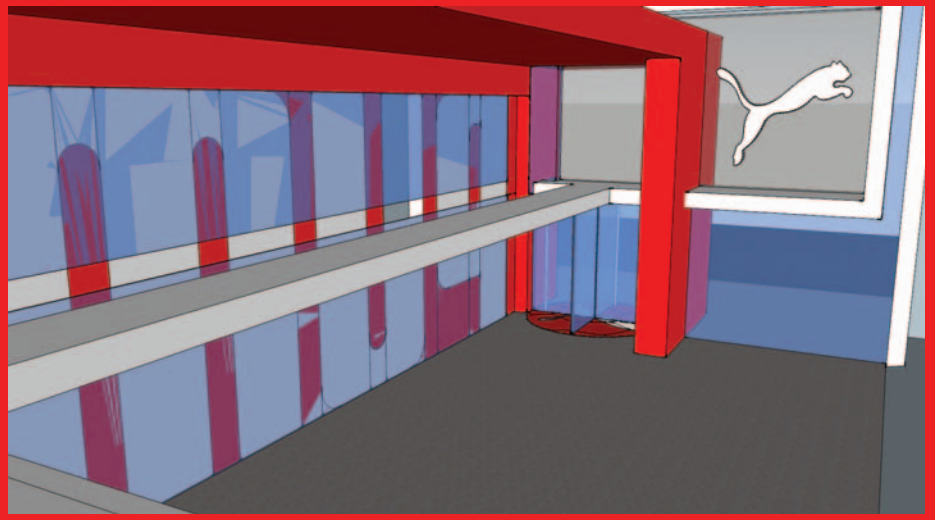
SCALE: 1/4" = 1'

THE SECOND YEAR ACADEMIC PORTFOLIO OF JEFF FRAZIER









JEFF FRAZIER ARCH 241 - Au09

AUTUME 2009



CORNER STORE PROJECT - .25 SCALE

AUTUME 2009

THE SECOND YEAR ACADEMIC PORTFOLIO OF JEFF FRAZIER



CORNER STORE PROJECT - .25 SCALE

AUTUME 2009

THE SECOND YEAR ACADEMIC PORTFOLIO OF JEFF FRAZIER



CORNER STORE PROJECT - .25 SCALE

AUTUME 2009



CORNER STORE PROJECT - .25 SCALE

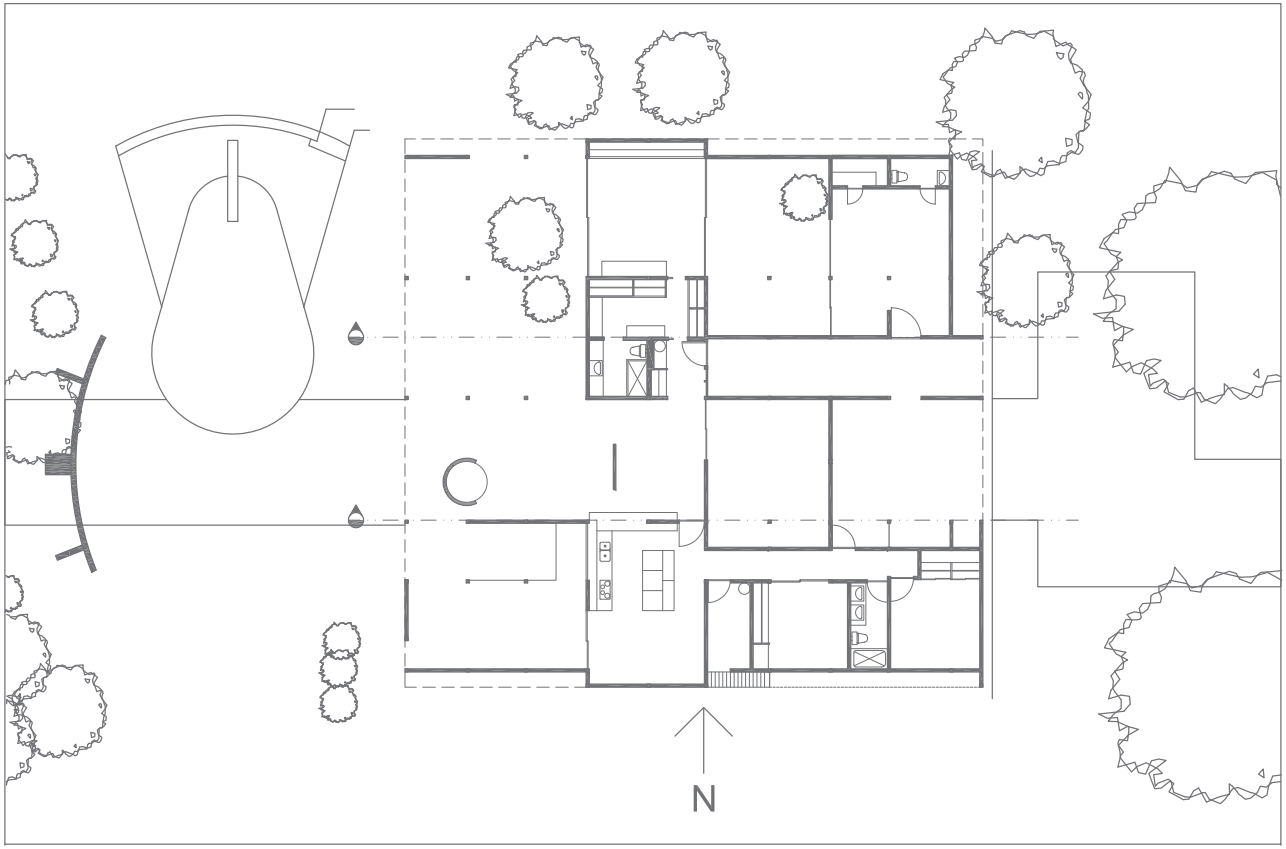
AUTUME 2009



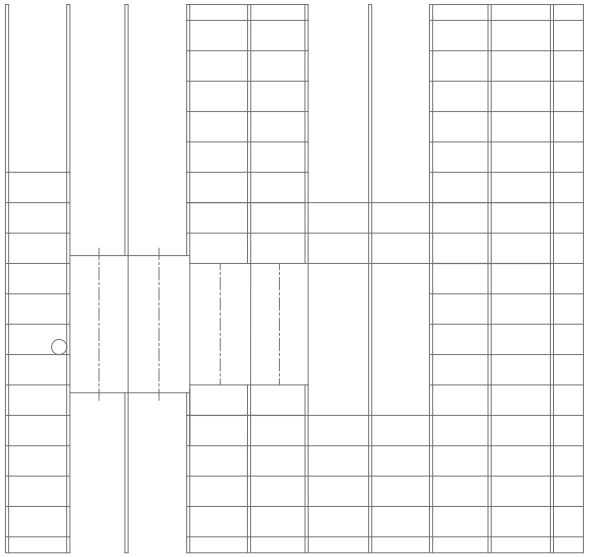
CORNER STORE PROJECT - .25 SCALE

AUTUME 2009

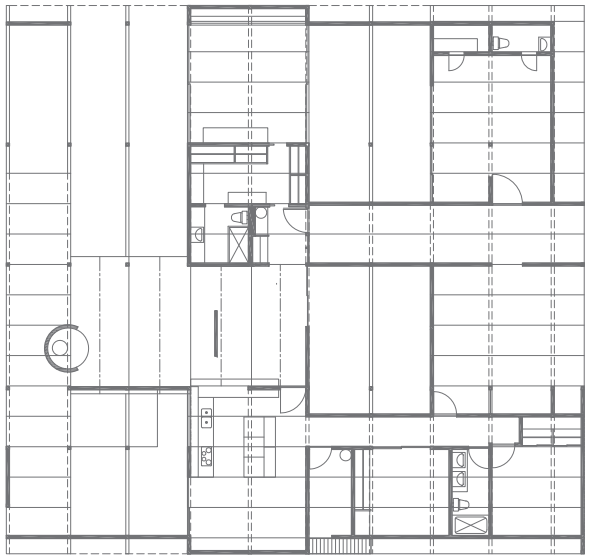
JEFF FRAZIER - R:10:30
C.S.H. No. 20
ALTADENA, CA
1958
BUFF, STRAUB, & HENSMAN



SITE PLAN
SCALE: 1/16" = 1'



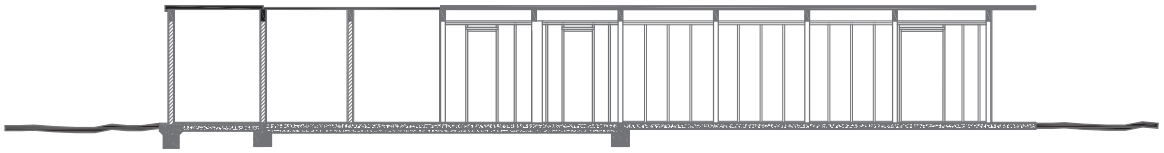
ROOF PLAN
SCALE: 1/16" = 1'



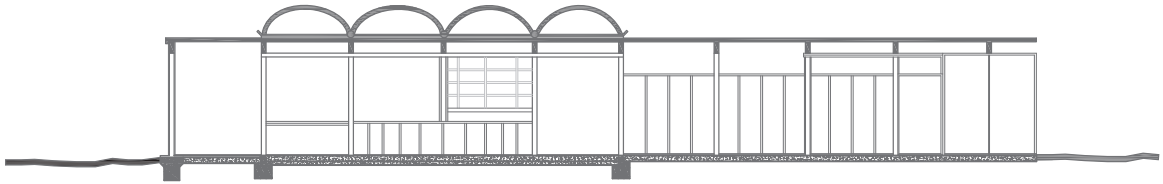
FLOOR & ROOF PLAN
SCALE: 1/16" = 1'

JEFF FRAZIER - R:10:30
C.S.H. No. 20
ALTADENA, CA
1958
BUFF, STRAUB, & HENSMAN

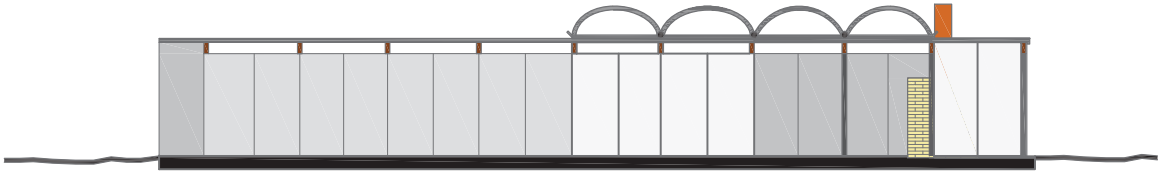
SECTION X



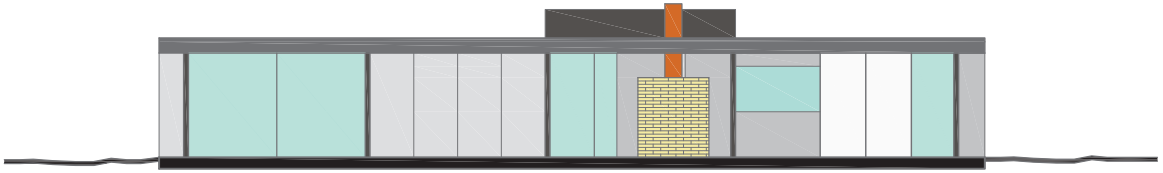
SECTION Y



NORTH ELEVATION



EAST ELEVATION





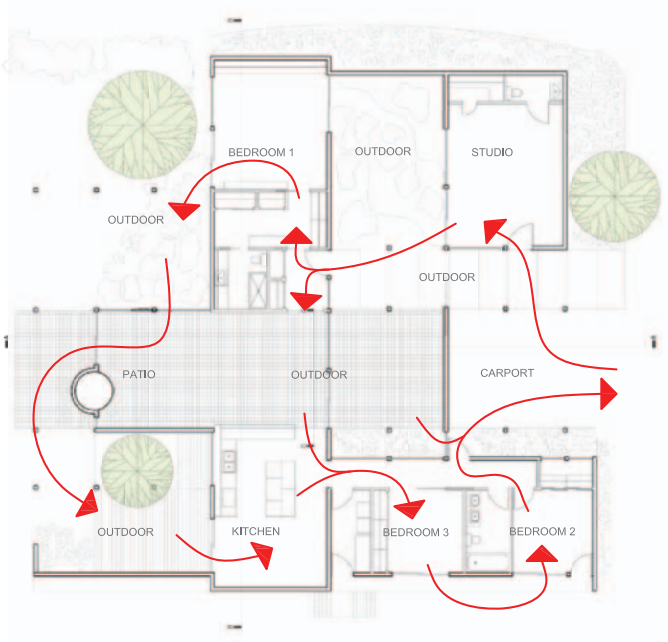
CASE STUDY HOUSE 20
RESEARCH

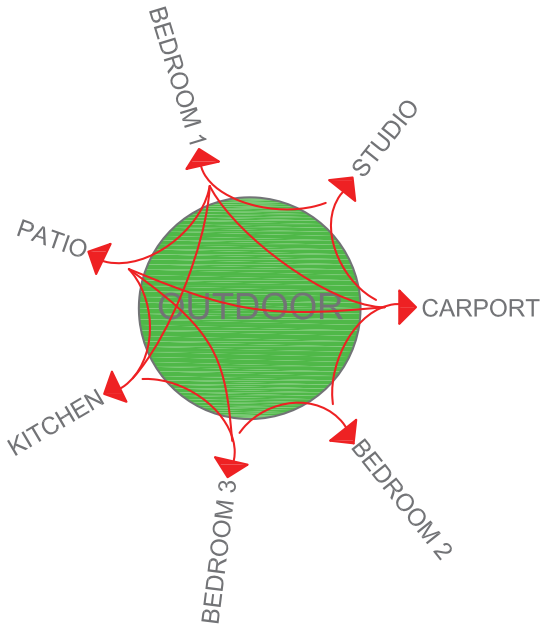
WINTER 2009

C.S.H. No. 20

JEFF FRAZIER
R: 10:30

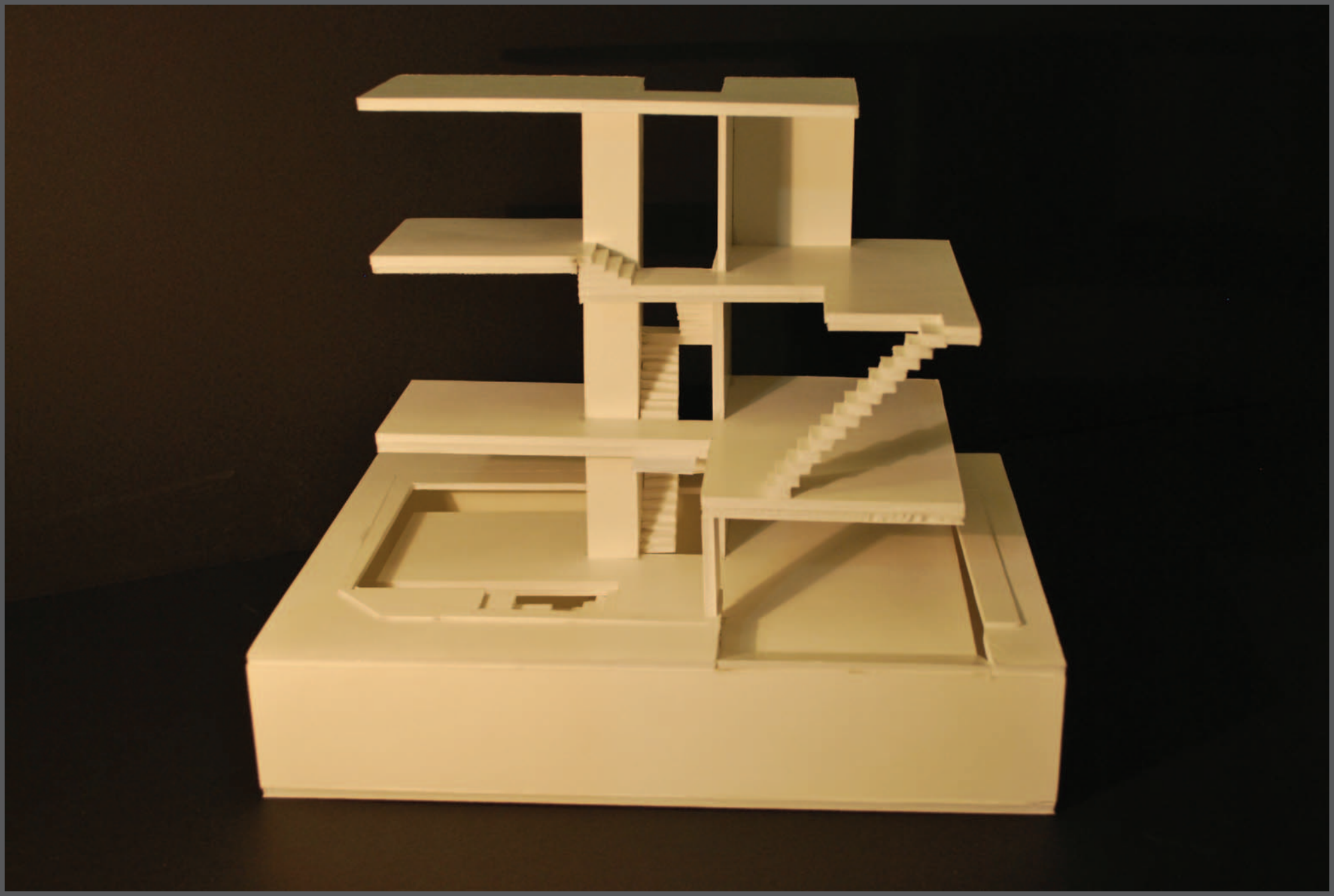
INDOOR - OUTDOOR CIRCULATION DIAGRAM





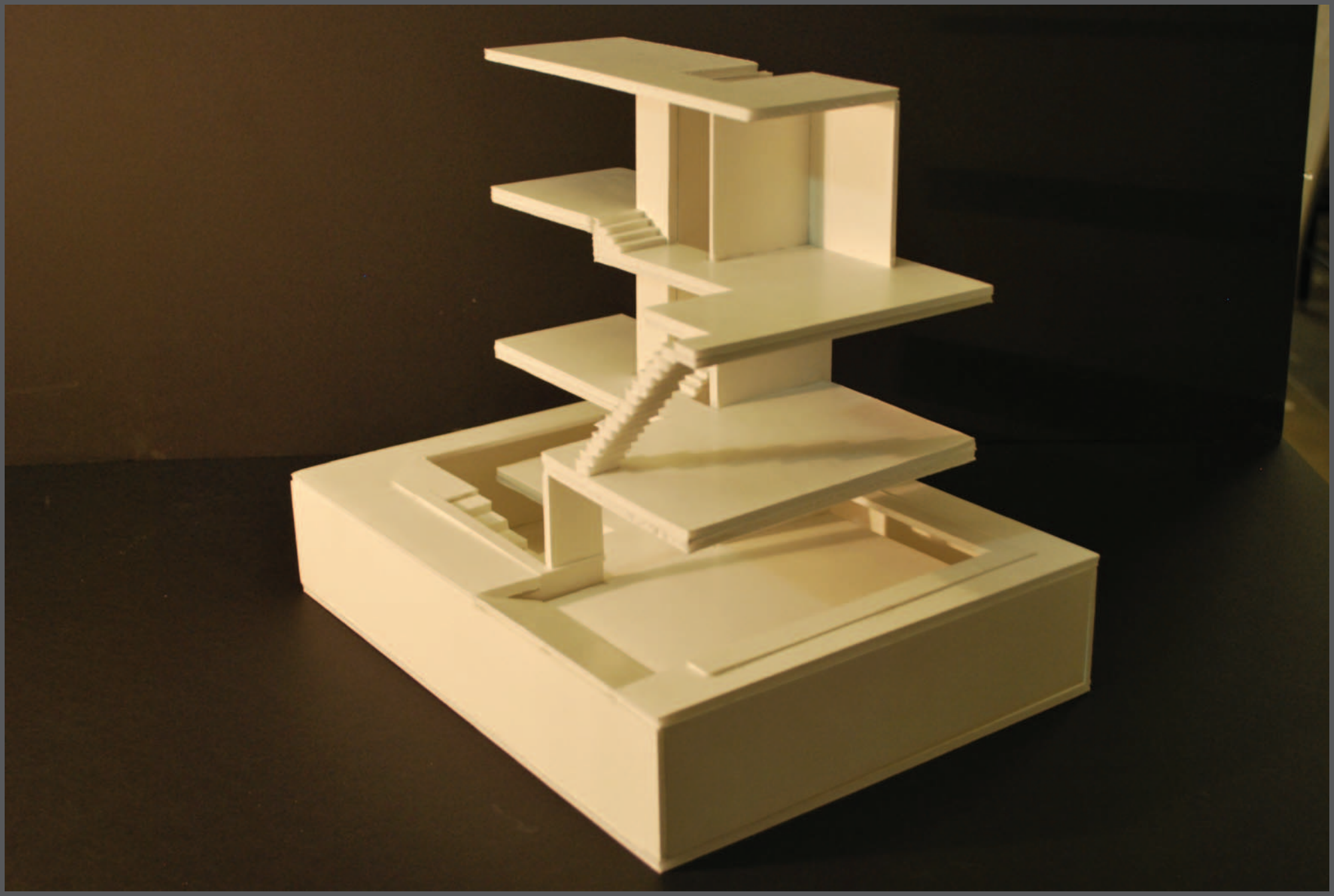
CASE STUDY HOUSE 20
RESEARCH

WINTER 2009



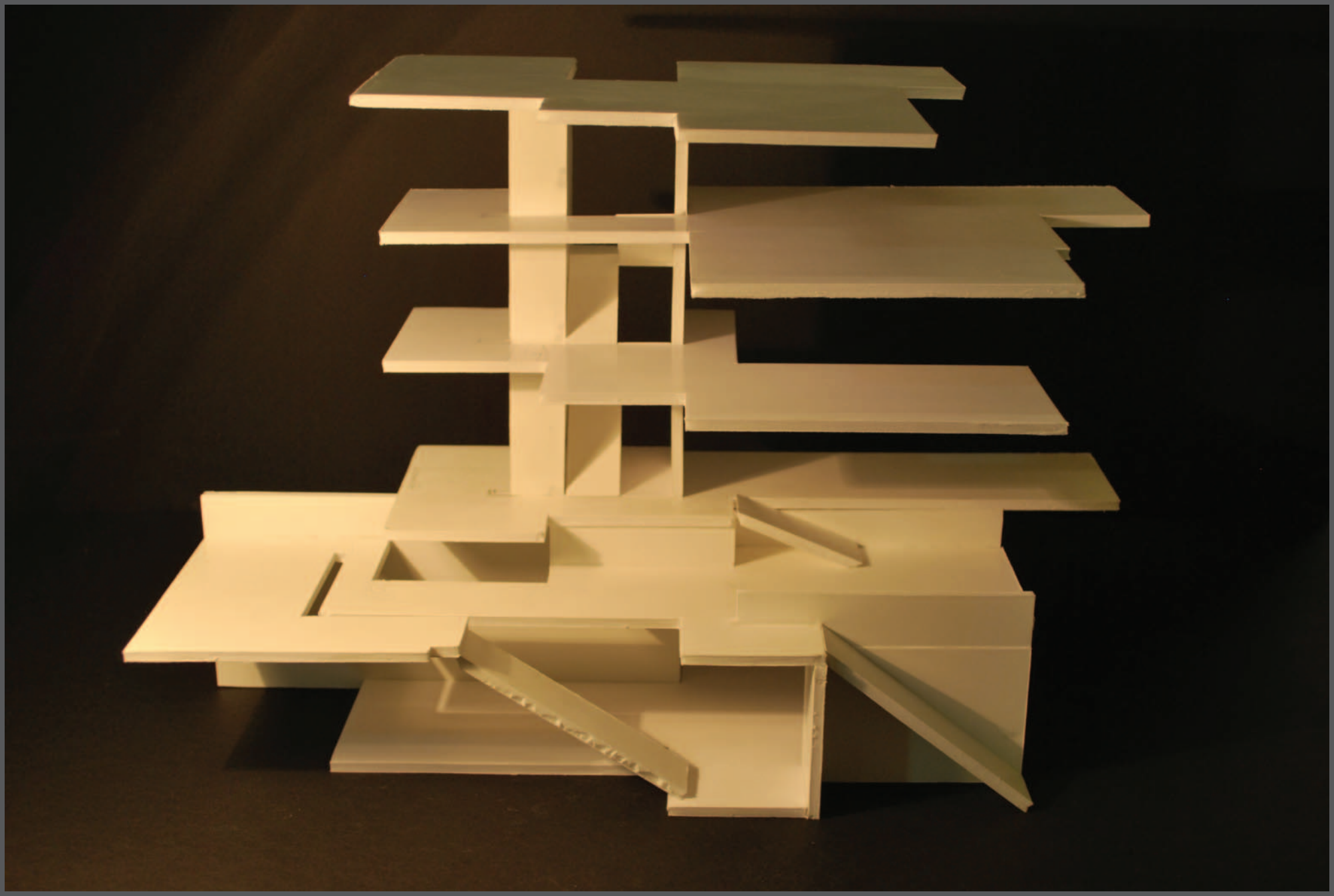
HOUSE PROJECT MODEL ONE - .125 SCALE

WINTER 2009



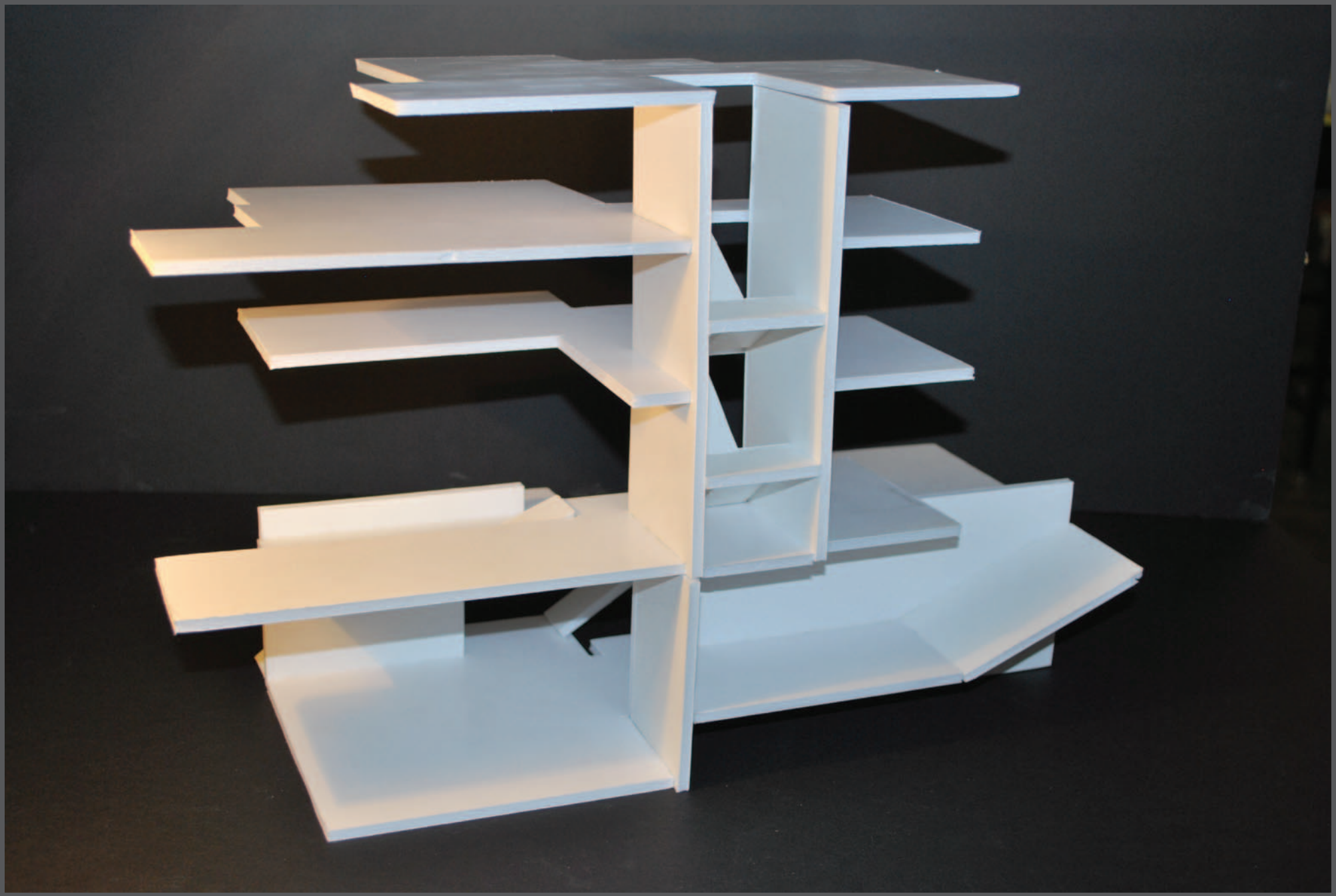
HOUSE PROJECT MODEL ONE - .125 SCALE

WINTER 2009



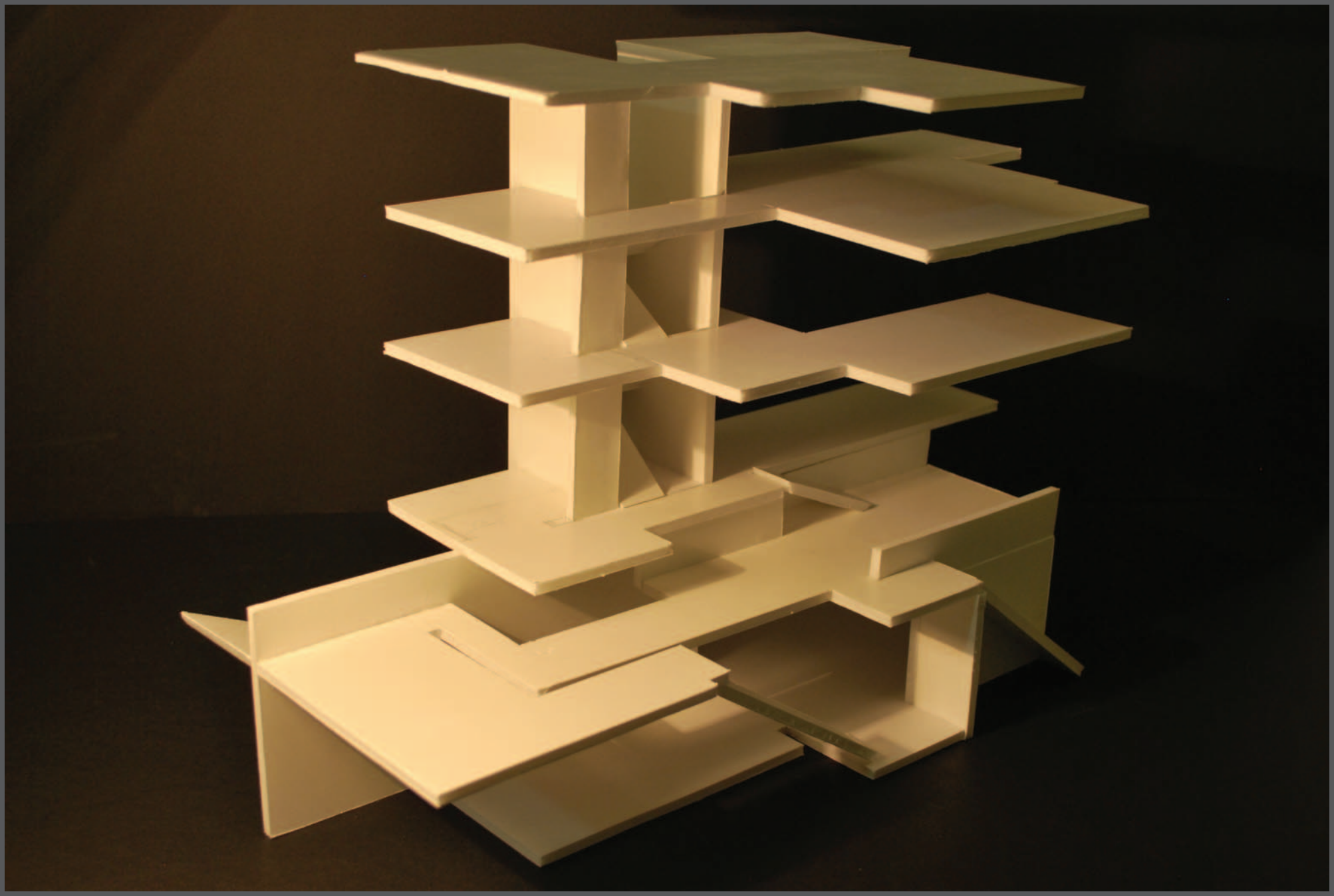
HOUSE PROJECT MODEL TWO - .125 SCALE

WINTER 2009



HOUSE PROJECT MODEL TWO - .125 SCALE

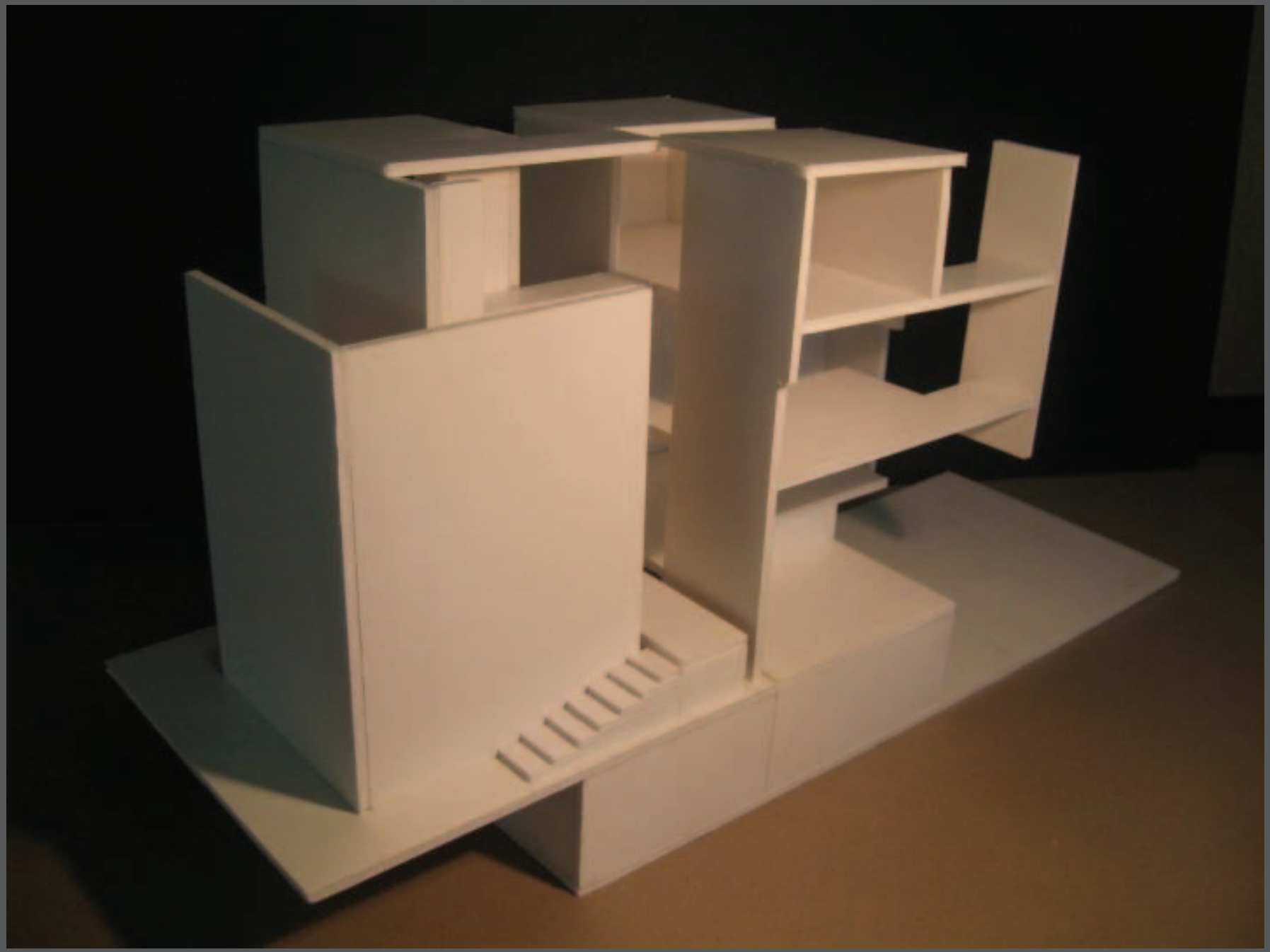
WINTER 2009



HOUSE PROJECT MODEL THREE - .125 SCALE

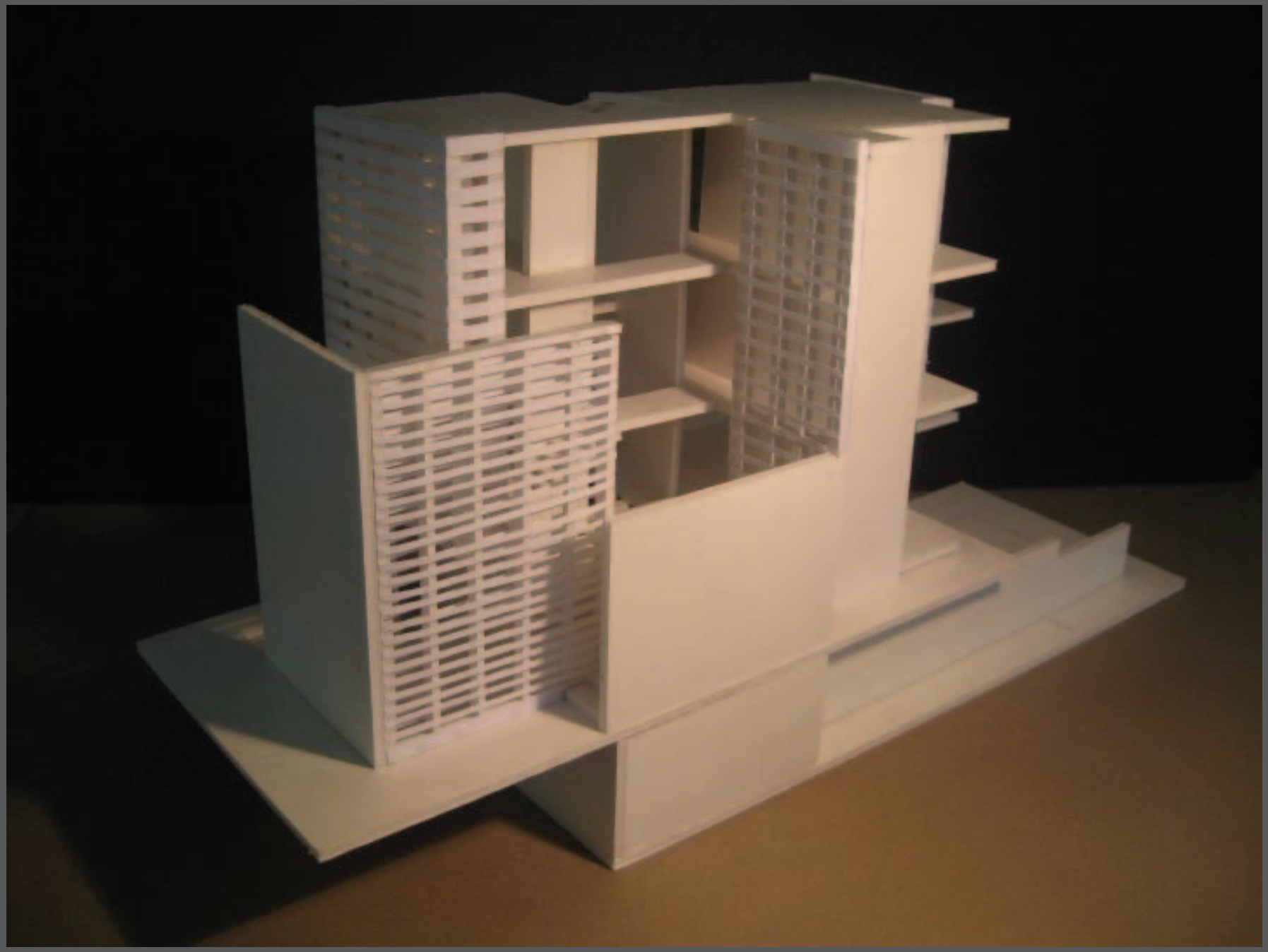
WINTER 2009

The Second Year Academic Portfolio of Jeff Frazier



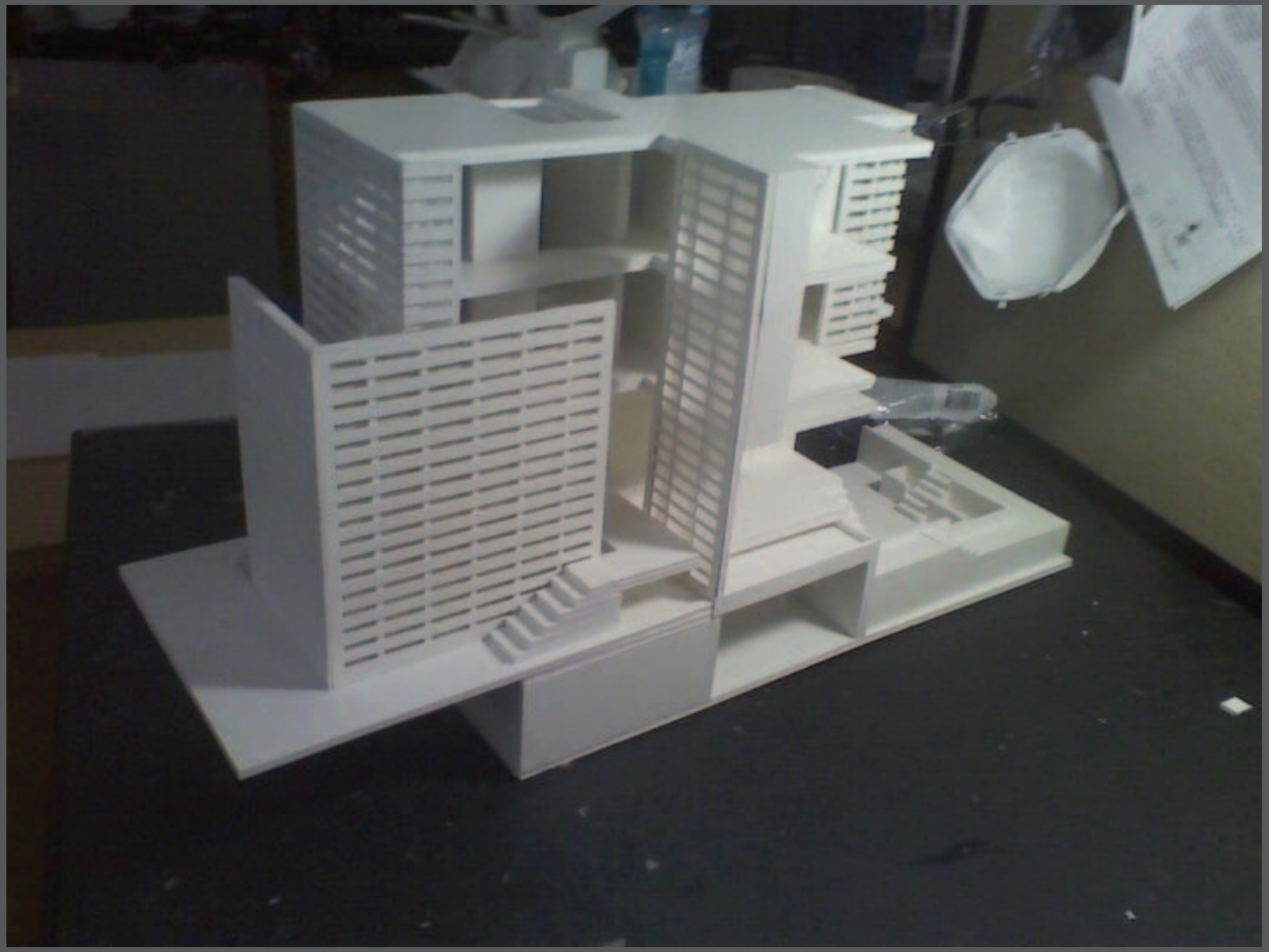
HOUSE PROJECT MODEL FOURHOUSE PROJECT

Winter 2009



HOUSE PROJECT MODEL FIVE - .125 SCALE

WINTER 2009



FINAL HOUSE PROJECT MODEL - .125 SCALE

WINTER 2009

THE SECOND YEAR ACADEMIC PORTFOLIO OF JEFF FRAZIER

2010 WINTER OLYMPIC DOWNHILL SKI COMPETITION

LINDSEY VONN

JEFF FRAZIER

INVESTIGATION

THE FORCES ABSORBED AND EXERTED BY LINDSEY VONN VIA PHYSICAL MODEL, FOCUSING ON GRAVITY, COMPRESSION, AND TANGENTAL VELOCITY.

SEQUENCE

14.0s - 16.0s



SPRING 2010

THE SECOND YEAR ACADEMIC PORTFOLIO OF JEFF FRAZIER

COMPOSITION OF MOVEMENT

SKI PATH

VONN'S BODY

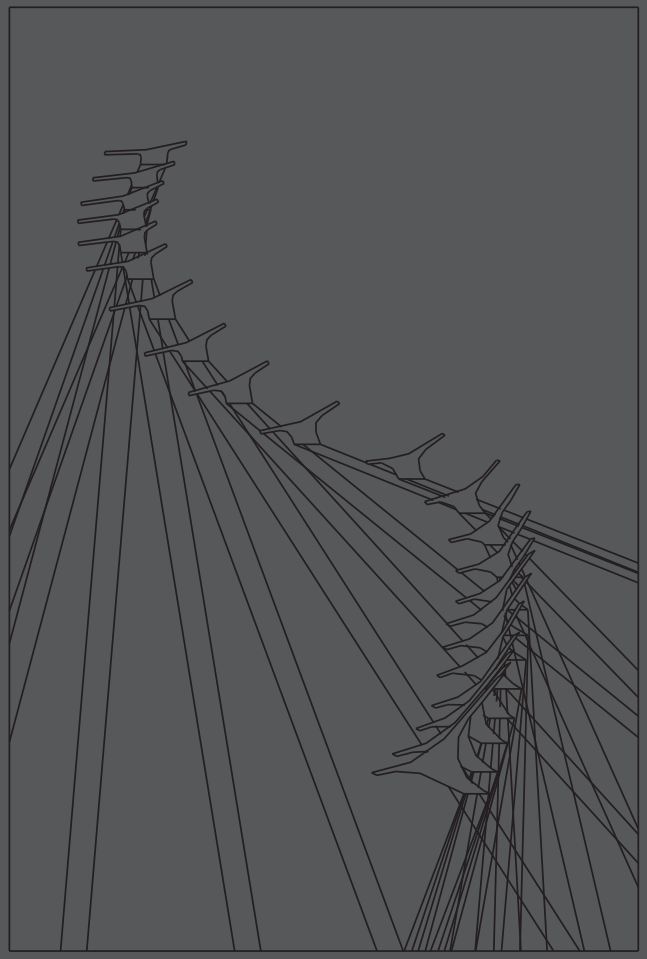
COMPOSITE



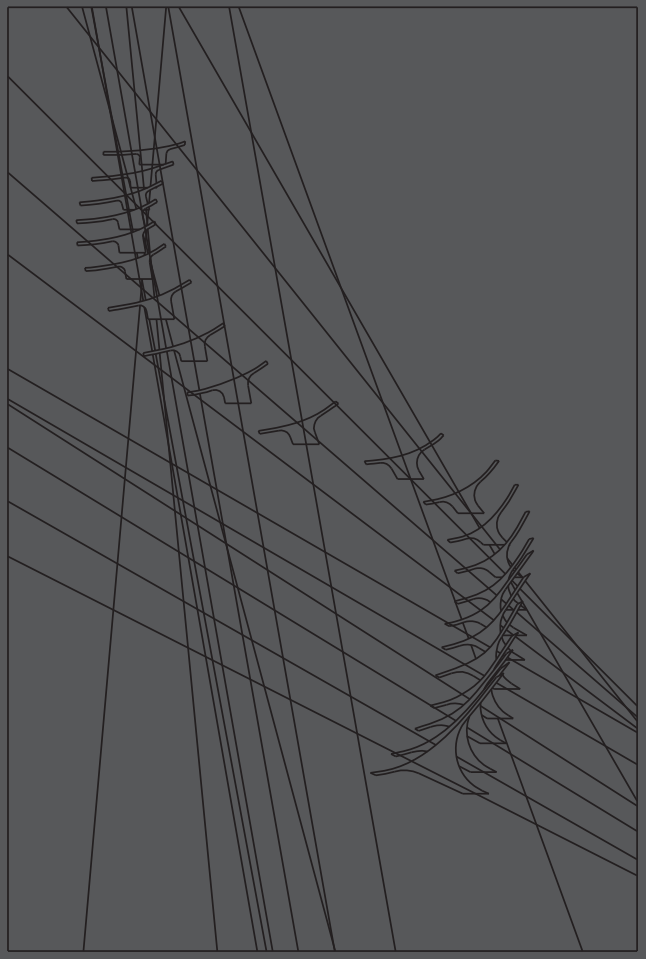
SPRING 2010

ELEVATIONS

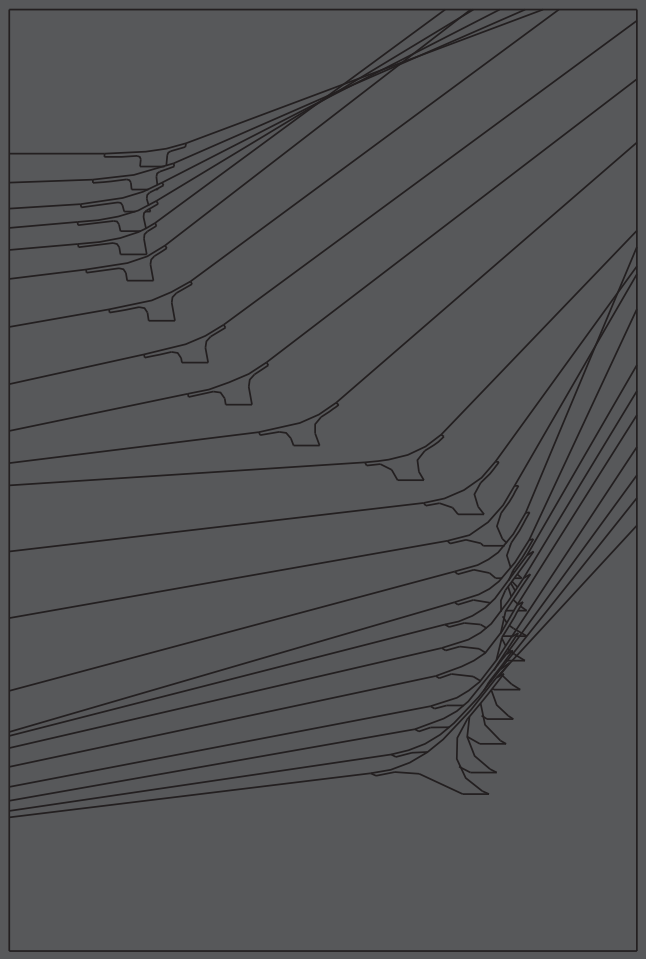
SKI PATH TANGENT



TORSO LEAN

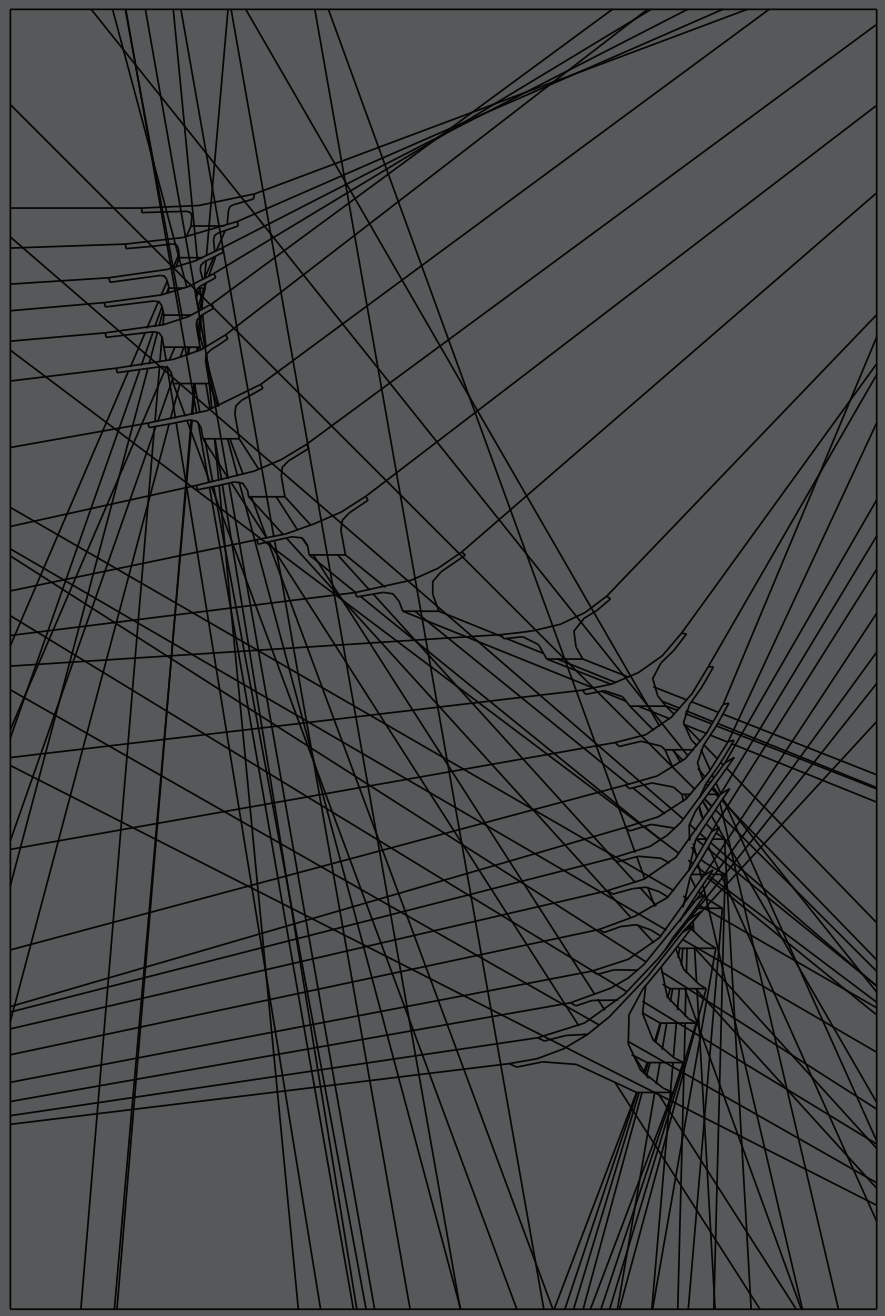


FIELD CONTOUR



1/8" = .6"

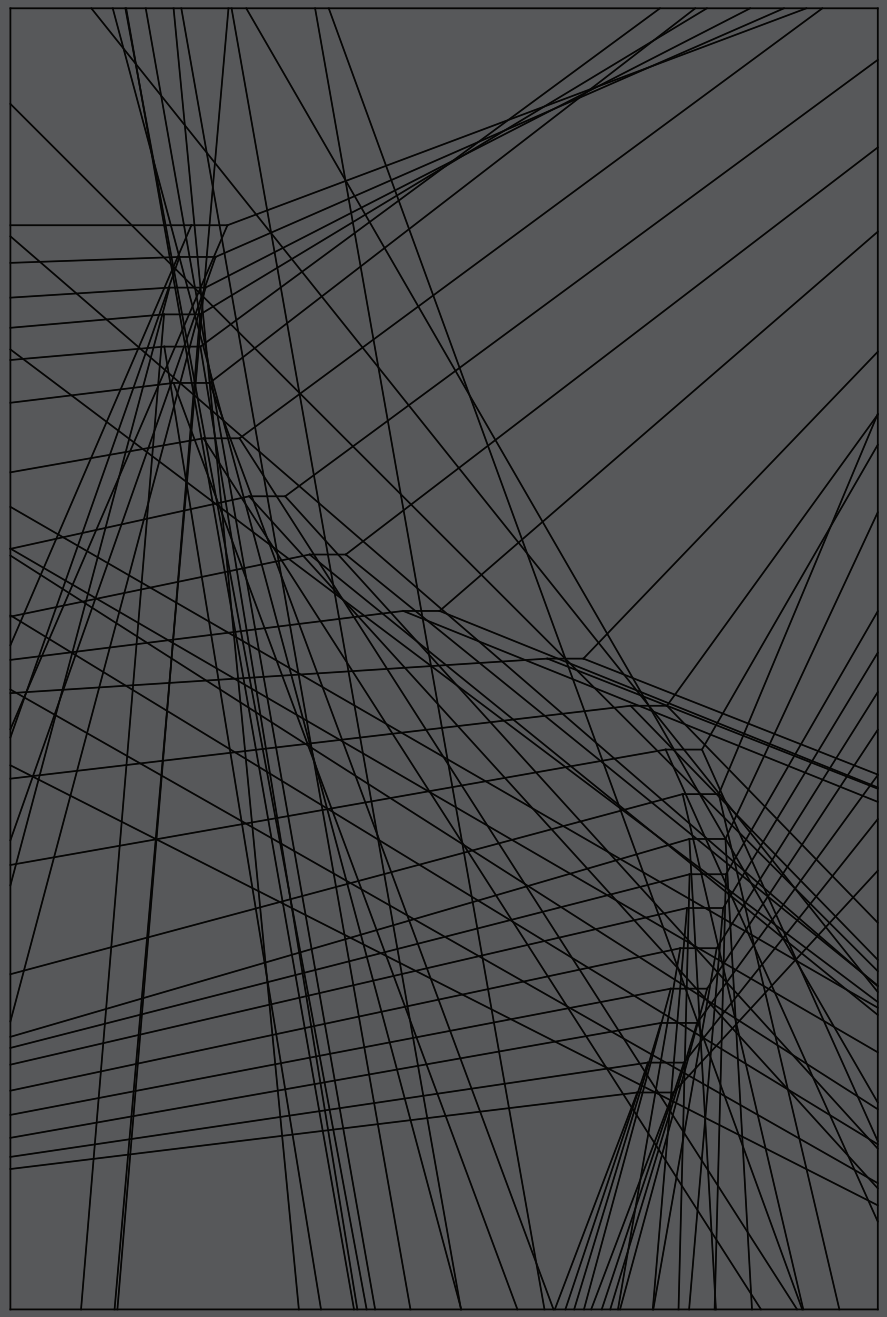
COMBINED ELEVATION



1/8" = .43"

THE SECOND YEAR ACADEMIC PORTFOLIO OF JEFF FRAZIER

PLAN

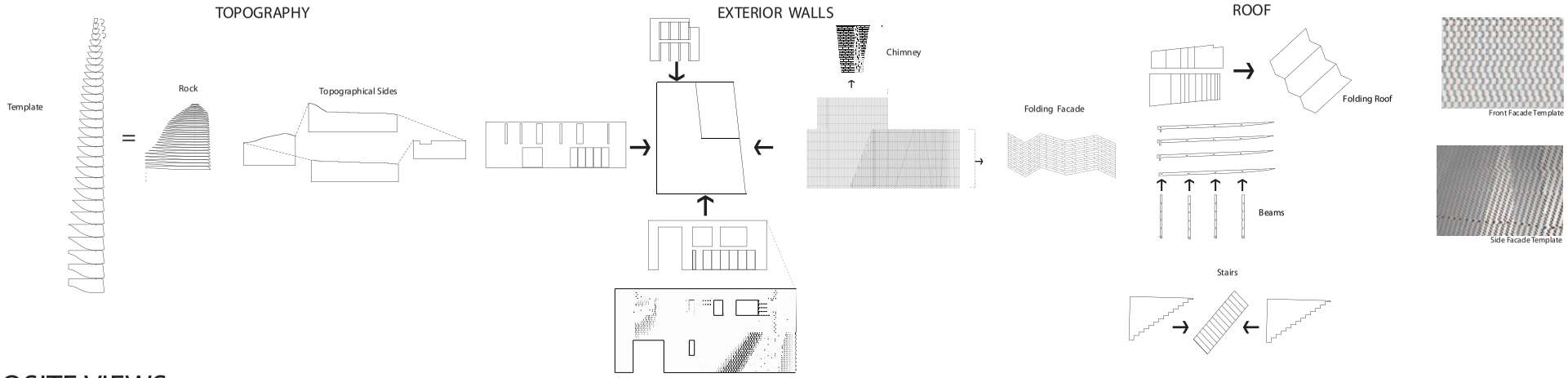


1/8" = .43"

SPRING 2010

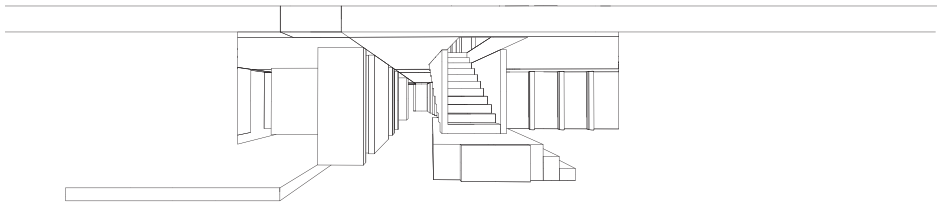
CASA LA ROCA FINAL PROJECT

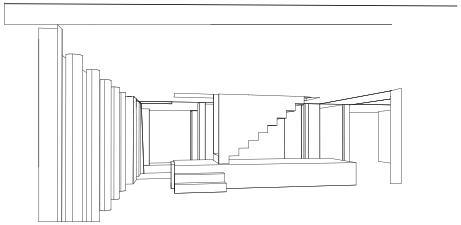
DIAGRAMS



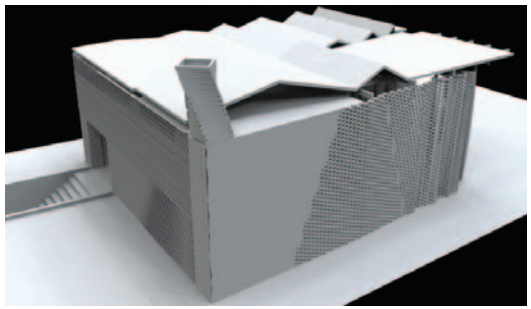
COMPOSITE VIEWS

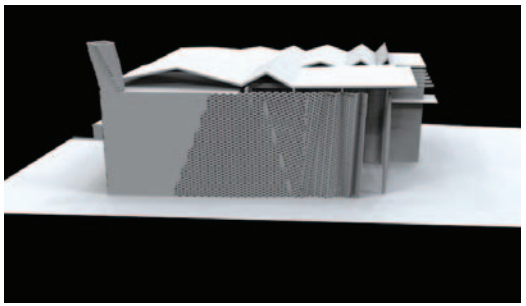
INTERIOR

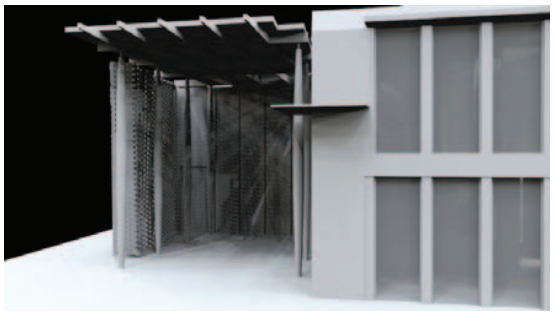




EXTERIOR



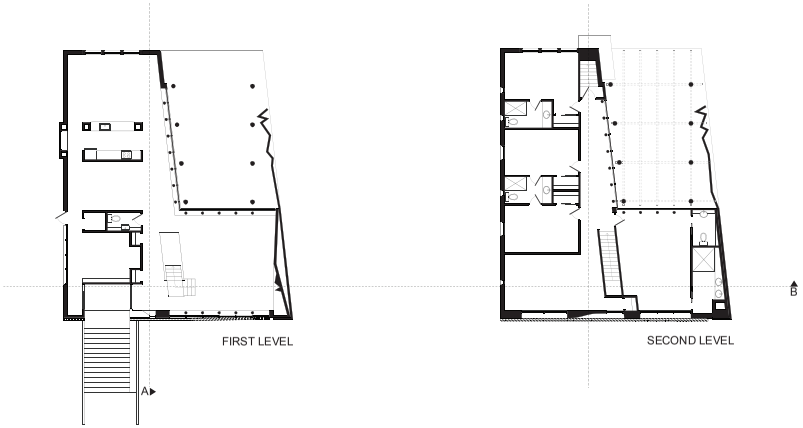




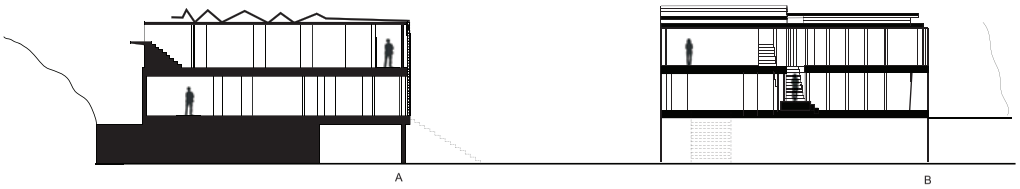
SPRING 2010

THE SECOND YEAR ACADEMIC PORTFOLIO OF JEFF FRAZIER

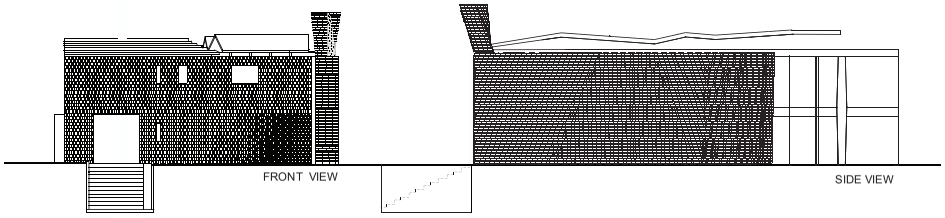
PLAN
SCALE: 1/8" = 1'



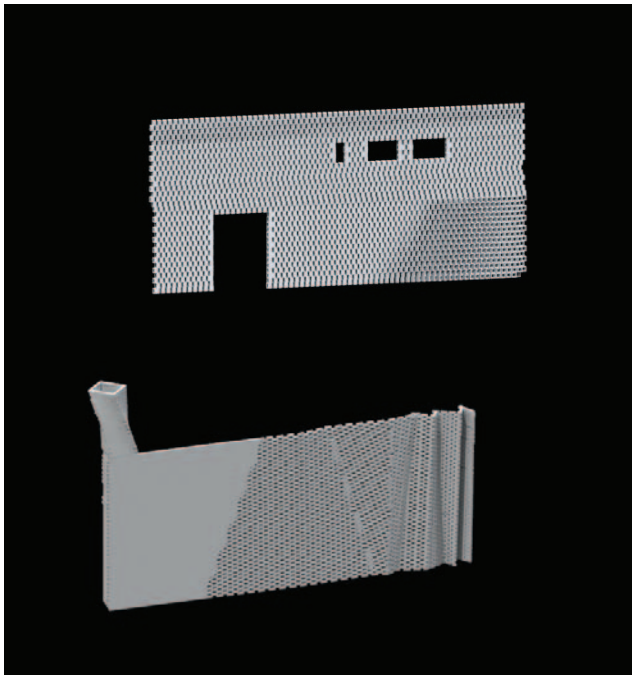
SECTIONS
SCALE: 1/8" = 1'

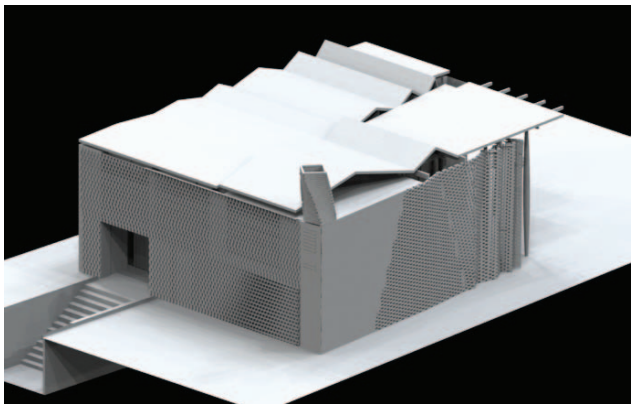


ELEVATIONS
SCALE: 1/8" = 1'



AXONOMERIC DRAWINGS





SPRING 2010



CASA LA ROCA LASER MODEL - .25 SCALE

SPRING 2010



CASA LA ROCA LASER MODEL - .25 SCALE

SPRING 2010



CASA LA ROCA LASER MODEL - .25 SCALE

SPRING 2010

The Architecture of Sleep

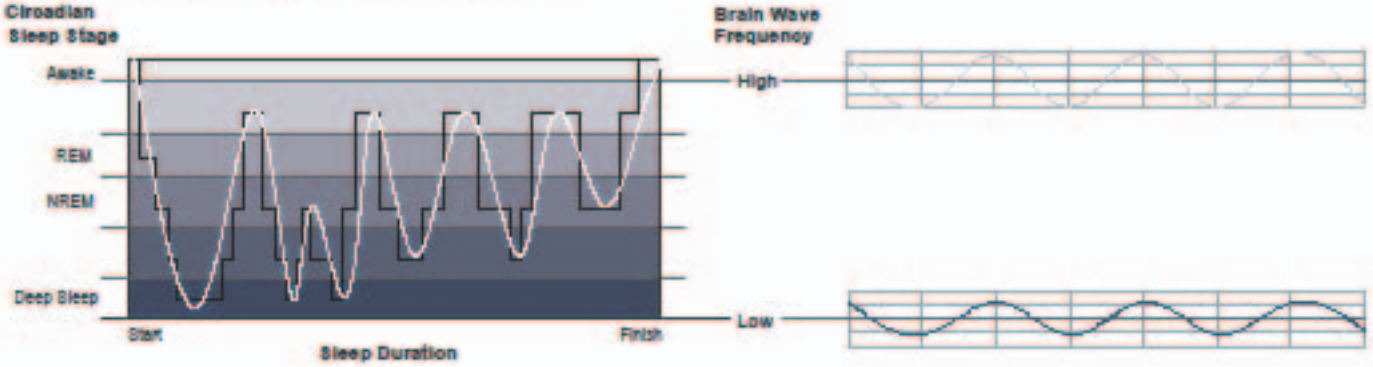
Spring 2010 Third Floor Lounge Installation

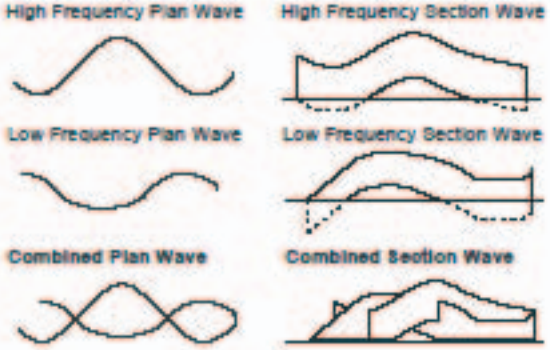
Andrew Bickel Jeff Frazier Brandon Hollis Michael Odum
Professor: Michael Cadwell



The Knowlton School of Architecture's third floor lounge is one of the most visited areas of the building. This is one of the main areas where students can sit, relax, and even catch up on some much needed sleep. 'The Architecture of Sleep' installation explores the science of sleep and relaxation, while offering hard working students another well appreciated bed away from home.

Circadian Brain Waves of Sleep Stages





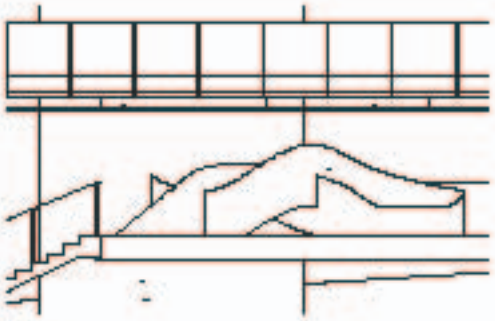
Installation Plan

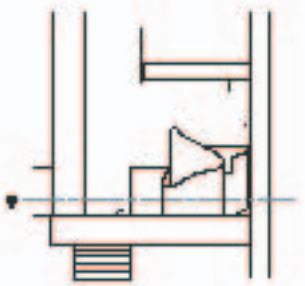
Scale: 1/4" = 1'



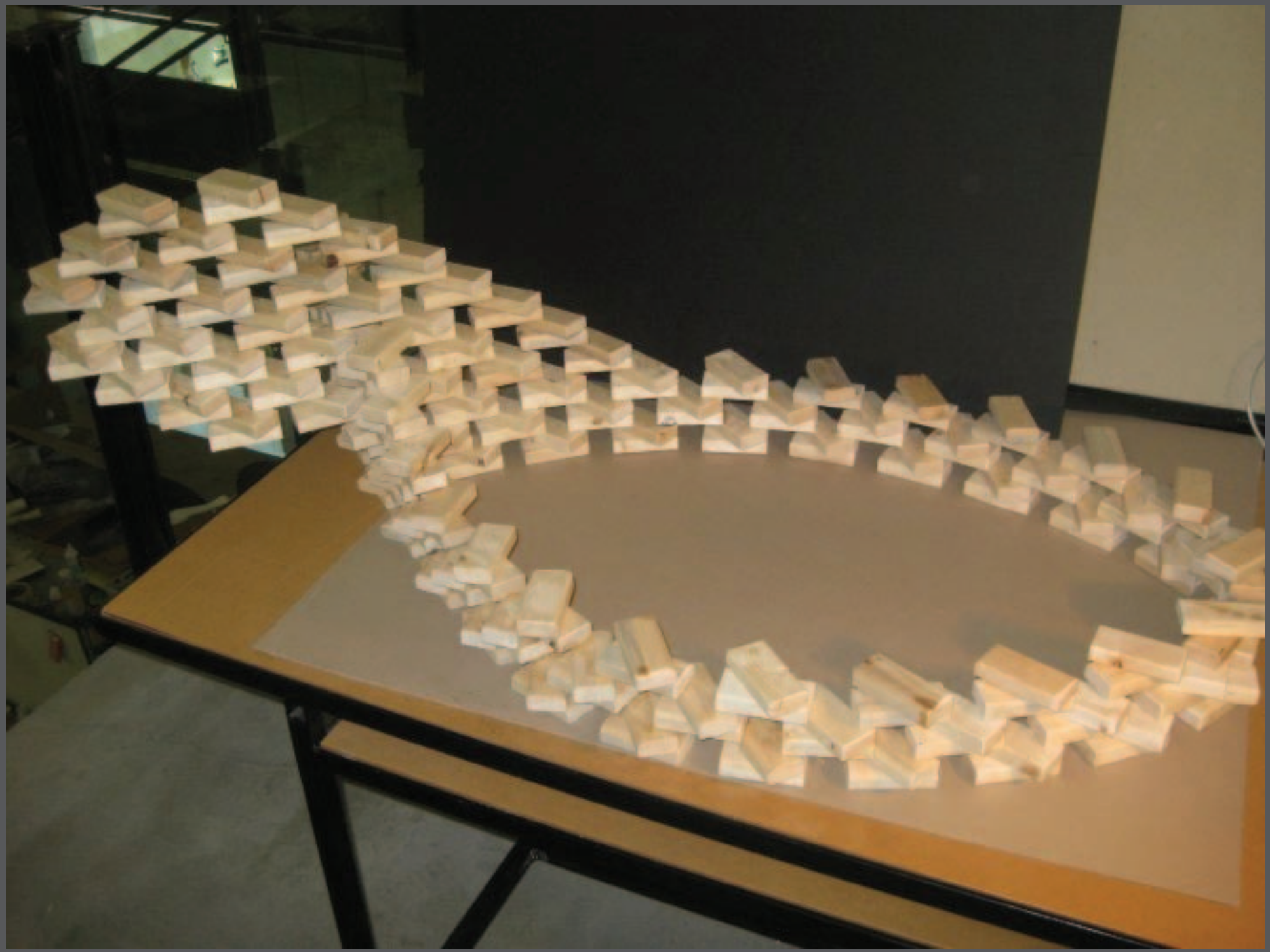
Installation Elevations

Scale: 1/4" = 1'



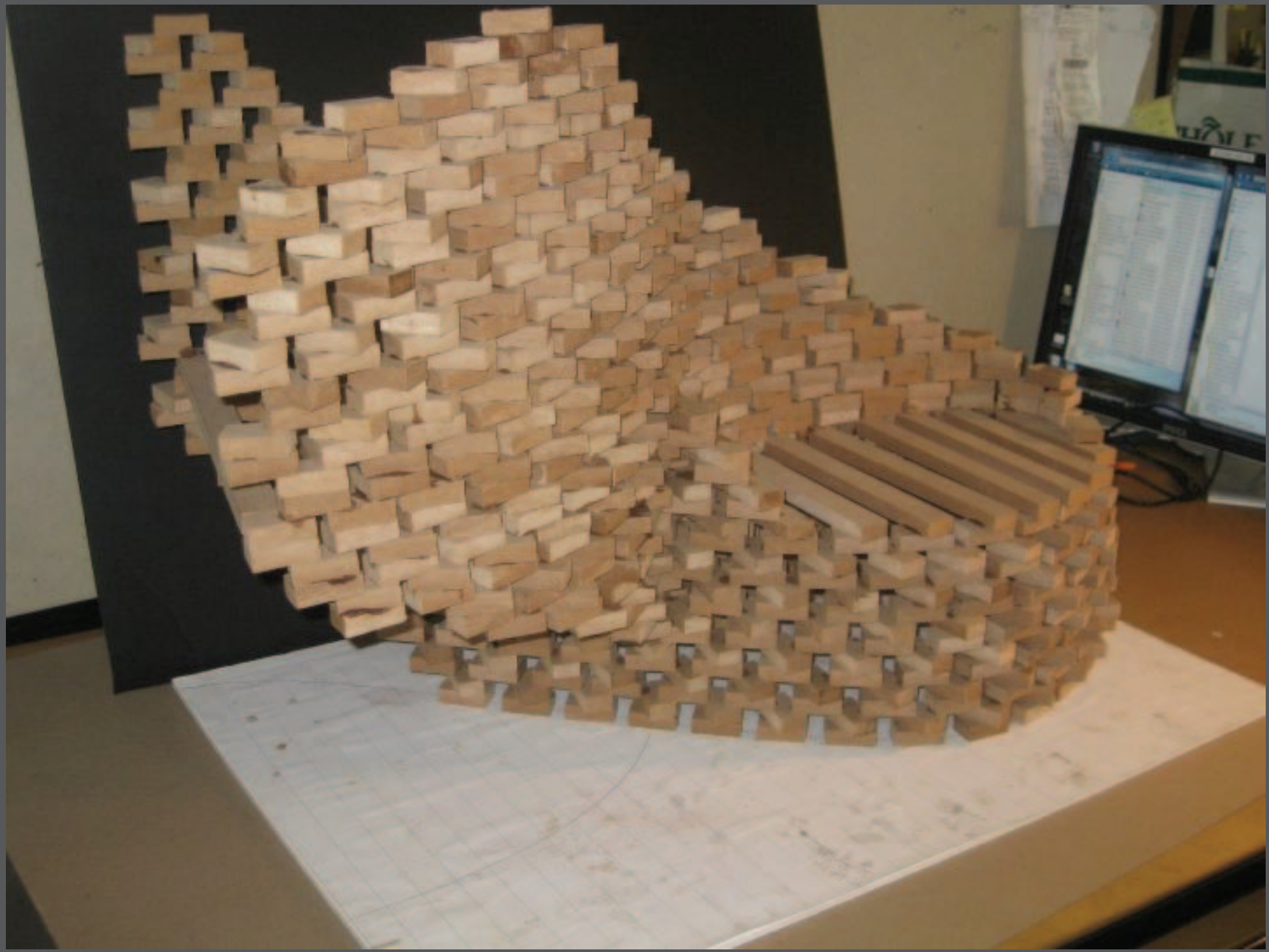






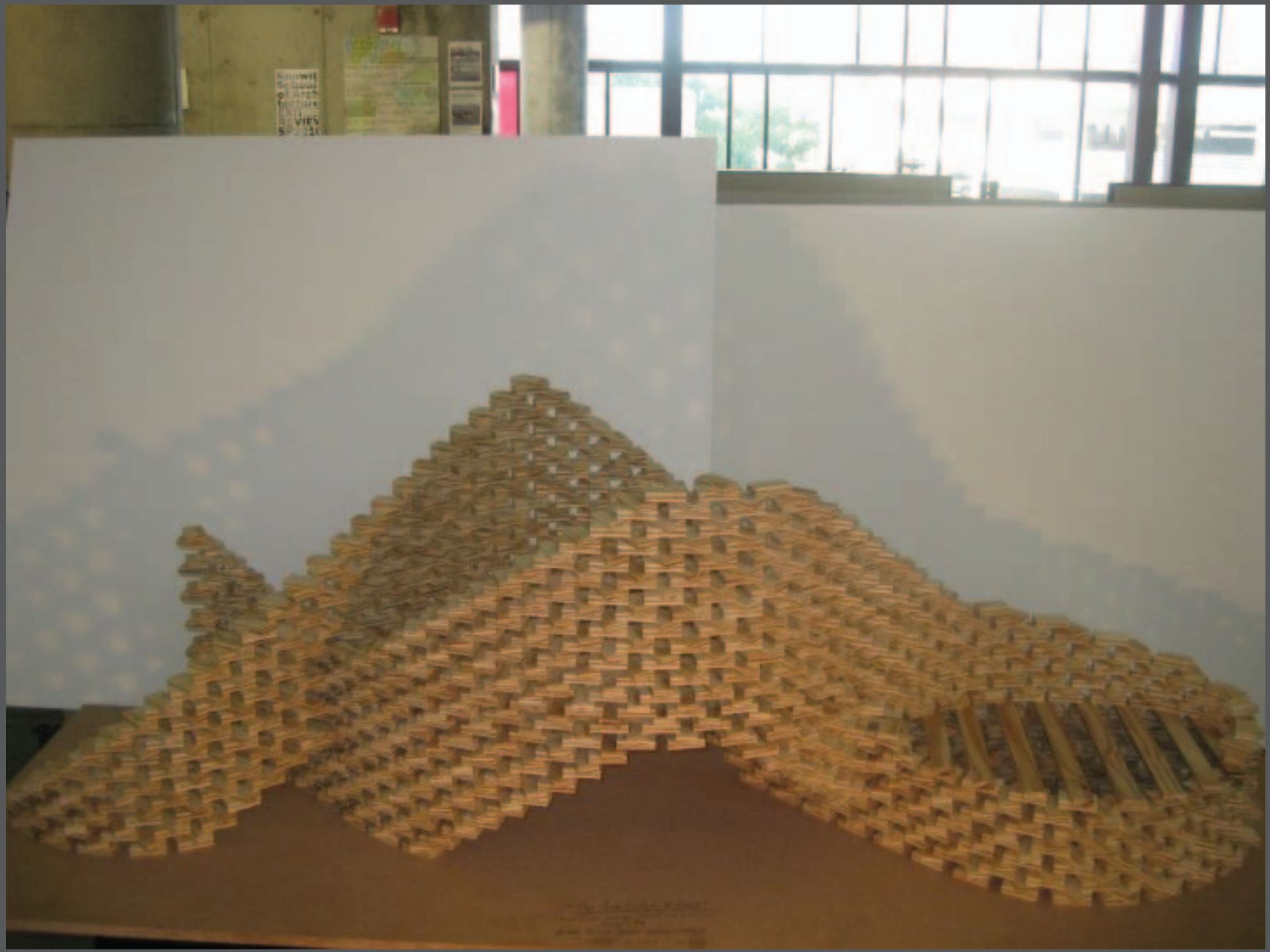
KSA INSTALATION STUDY MODEL ONE - .25 SCALE

SPRING 2010



KSA INSTALATION STUDY MODEL TWO - .25 SCALE

SPRING 2010



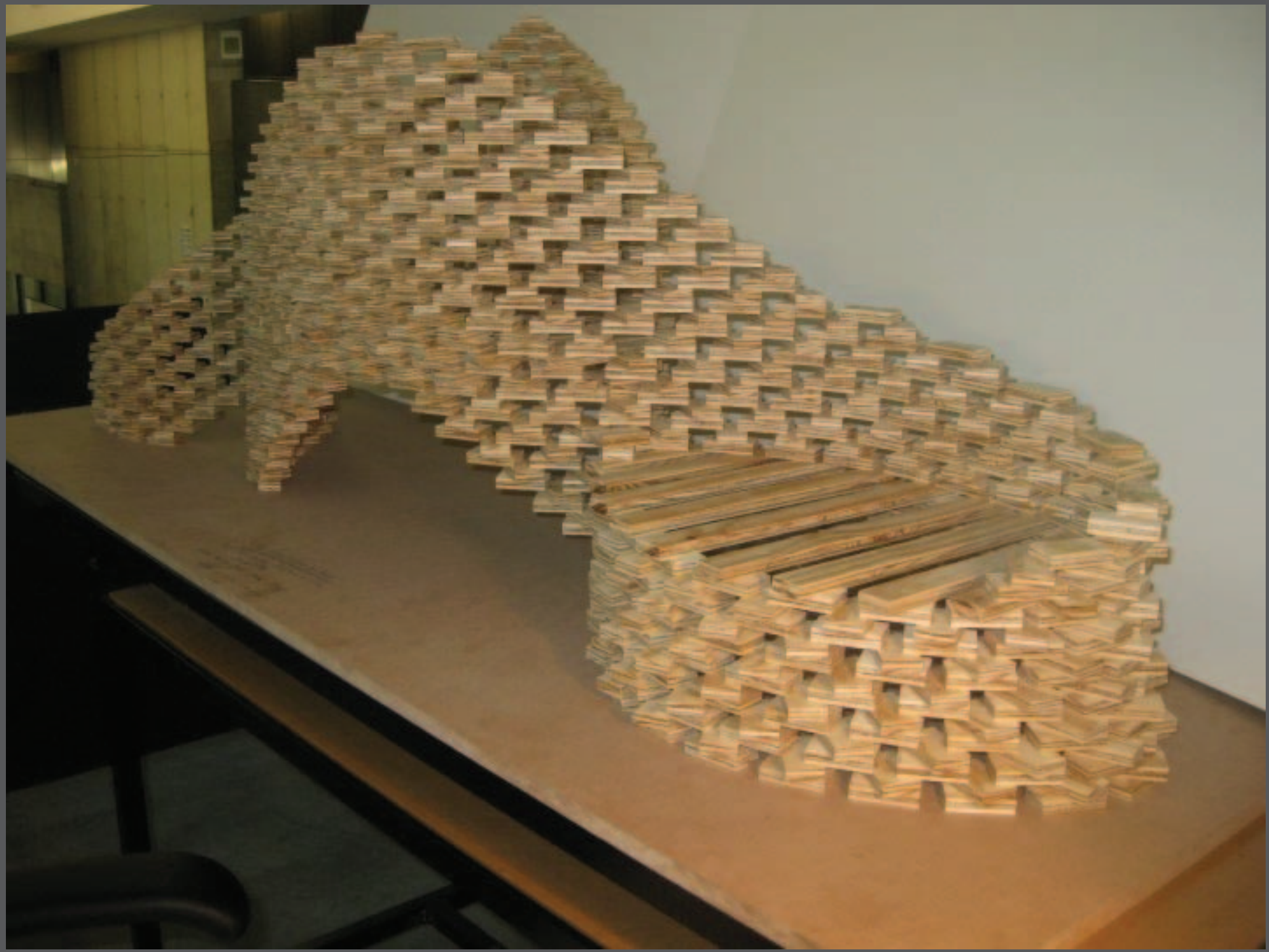
KSA INSTALATION FINAL STUDY MODEL - .25 SCALE

SPRING 2010



KSA INSTALATION FINAL STUDY MODEL - .25 SCALE

SPRING 2010



KSA INSTALATION FINAL STUDY MODEL - .25 SCALE

SPRING 2010



KSA INSTALATION FINAL MODEL

SPRING 2010



KSA INSTALATION FINAL MODEL

SPRING 2010



KSA INSTALATION FINAL MODEL

SPRING 2010

The Second Year Academic Portfolio of Jeff Frazier



KSA INSTALATION FINAL MODEL

Spring 2010