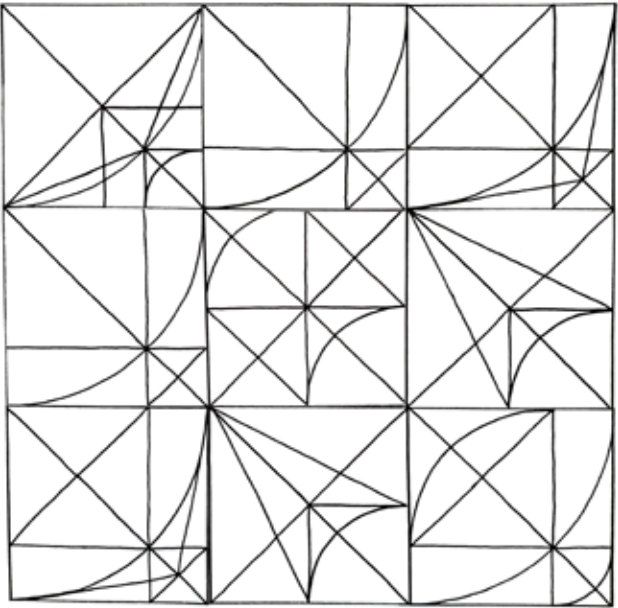


ASSEMBLAGE, HIERARCHY AND FORM

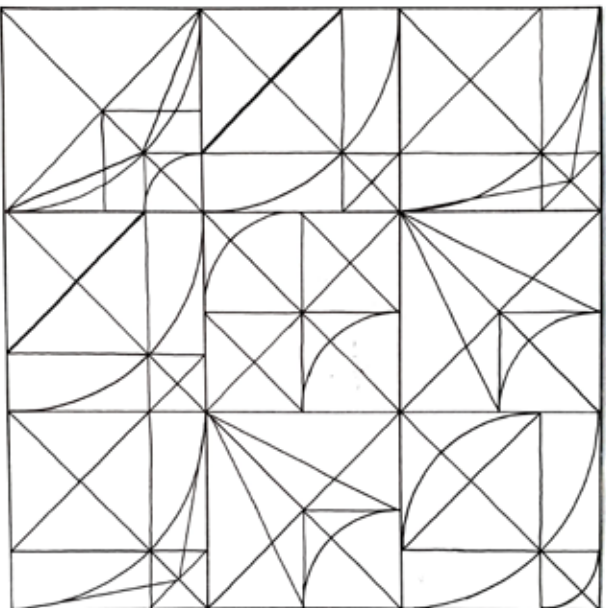
INSTITUTION: COLLEGE OF DUPAGE

COURSE: ARCH 1131, SPRING 2019
DURATION: 5 WEEKS
PROFESSOR: JANE OSTERGAARD

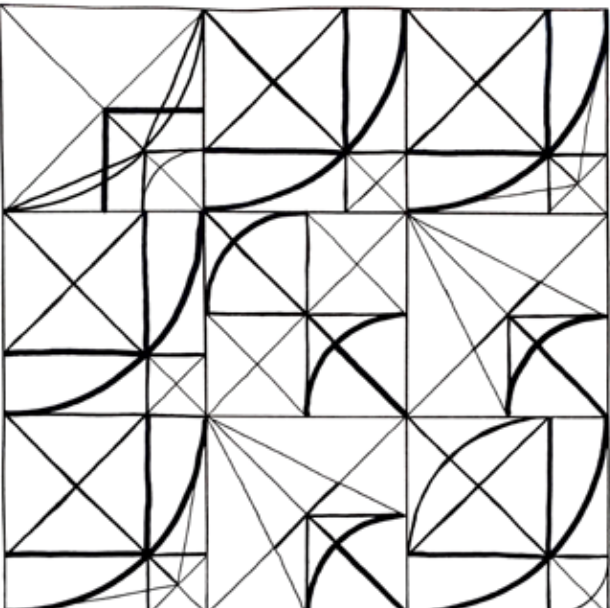
OBJECTIVE:
Create a symmetrical and asymmetrical free hand drawn line composition with line work that had a set of intersection restrains. As the composition advance there were added a set of additional lines and lineweights. The final product turn into a model of which shadows were capture.



SYMMETRICAL COLLAGE



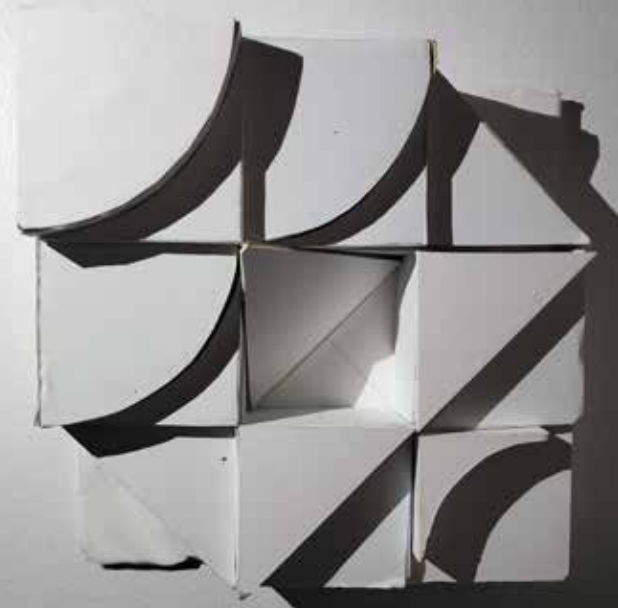
SYMMETRICAL ADDED LINES



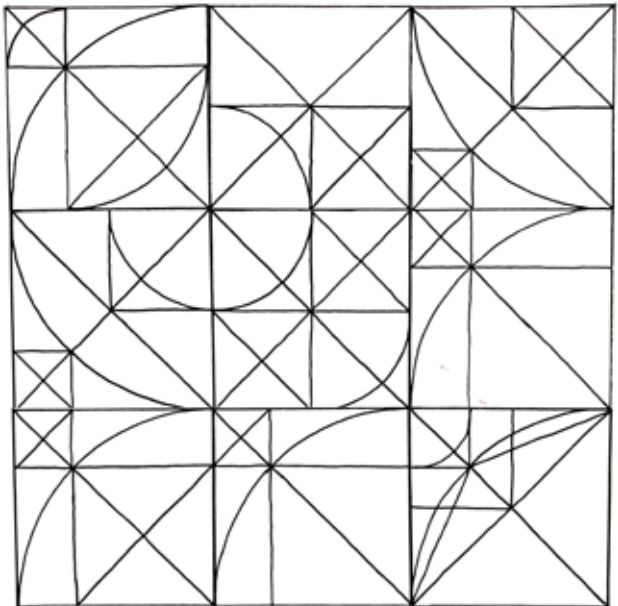
SYMMETRICAL LINEWEIGHTS



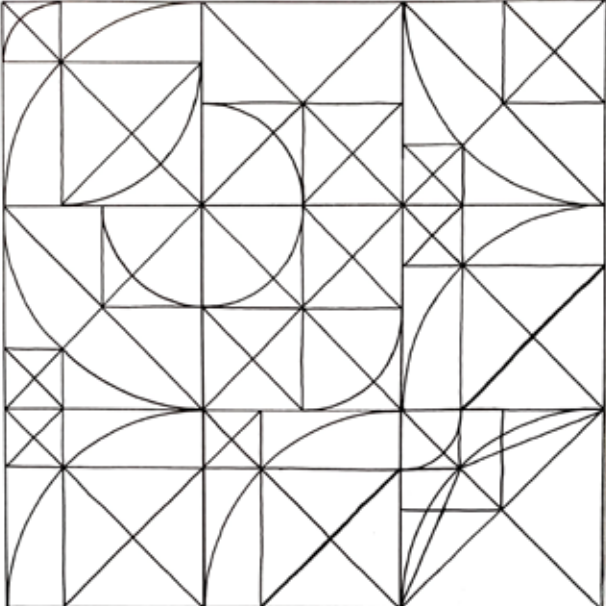
SYMMETRICAL SHADOWS



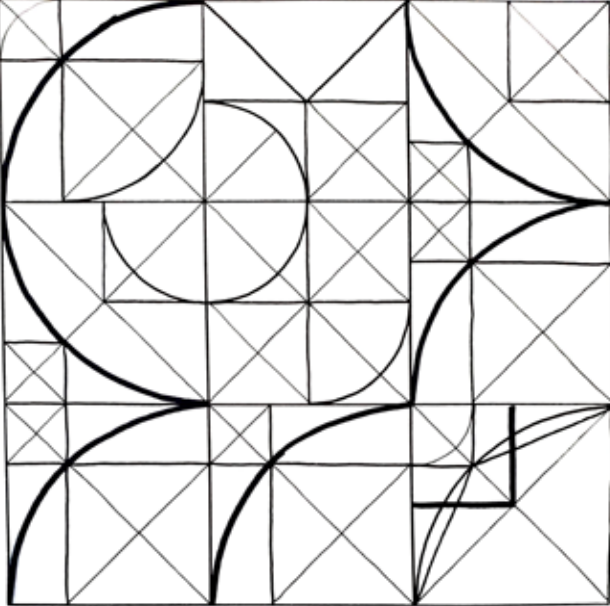
SYMMETRICAL MODEL



ASYMMETRICAL COLLAGE



ASYMMETRICAL ADDED LINES



ASYMMETRICAL LINEWEIGHTS



ASYMMETRICAL SHADOWS



ASYMMETRICAL MODEL

SPATIAL SEQUENCE

OBJECTIVE:

With a limited kit of parts, design a series of 3 outdoor spaces for the seasons of spring, summer and fall. These spaces needed to be link by one single path.

CONCEPT:

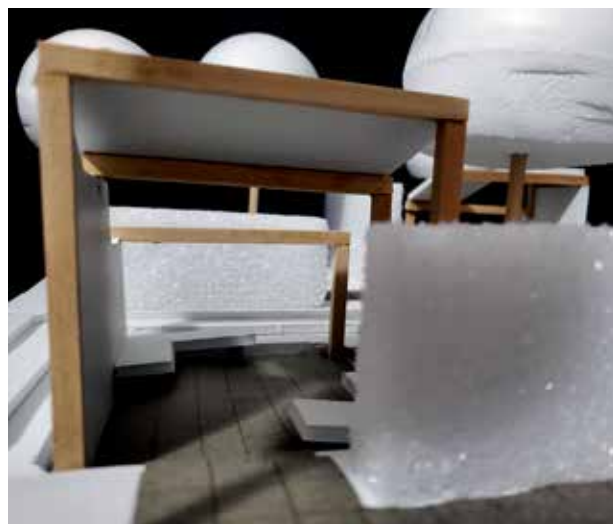
With every season there is a climate change. Spring has a very annoying climate, summer days are hot and humid and fall bring the cold the leads to winter. The spring space was design to be annoying by having roofs right through the middle of the space and seats on opposite ends of the spaces where there is very little shade. The summer space was design below grade to keep the occupants cool and relax from the hot and busy summer days. As the fall season progresses the climate gets colder and therefore the spaces was design to prepare the occupants that winter is coming by making the space smaller as the occupants move through the space.



SPRING SPACE



SPRING SPACE



SUMMER SPACE



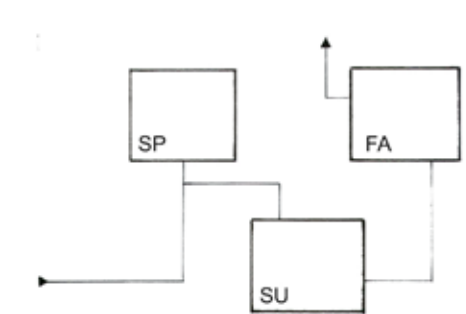
FALL SPACE

INSTITUTION: COLLEGE OF DUPAGE

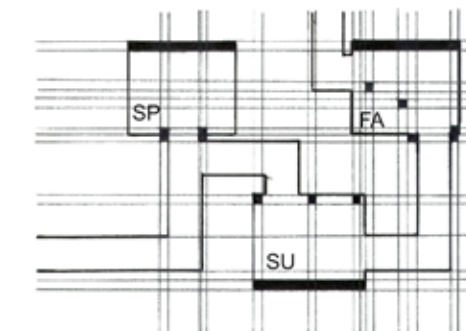
COURSE: ARCH 1131, SPRING 2019

DURATION: 3 WEEKS

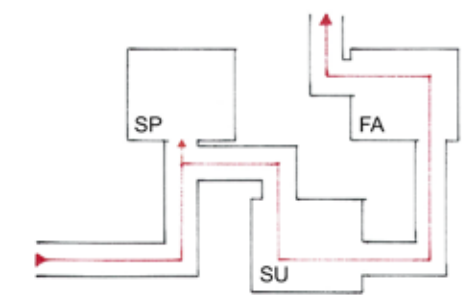
PROFESSOR: JANE OSTERGAARD



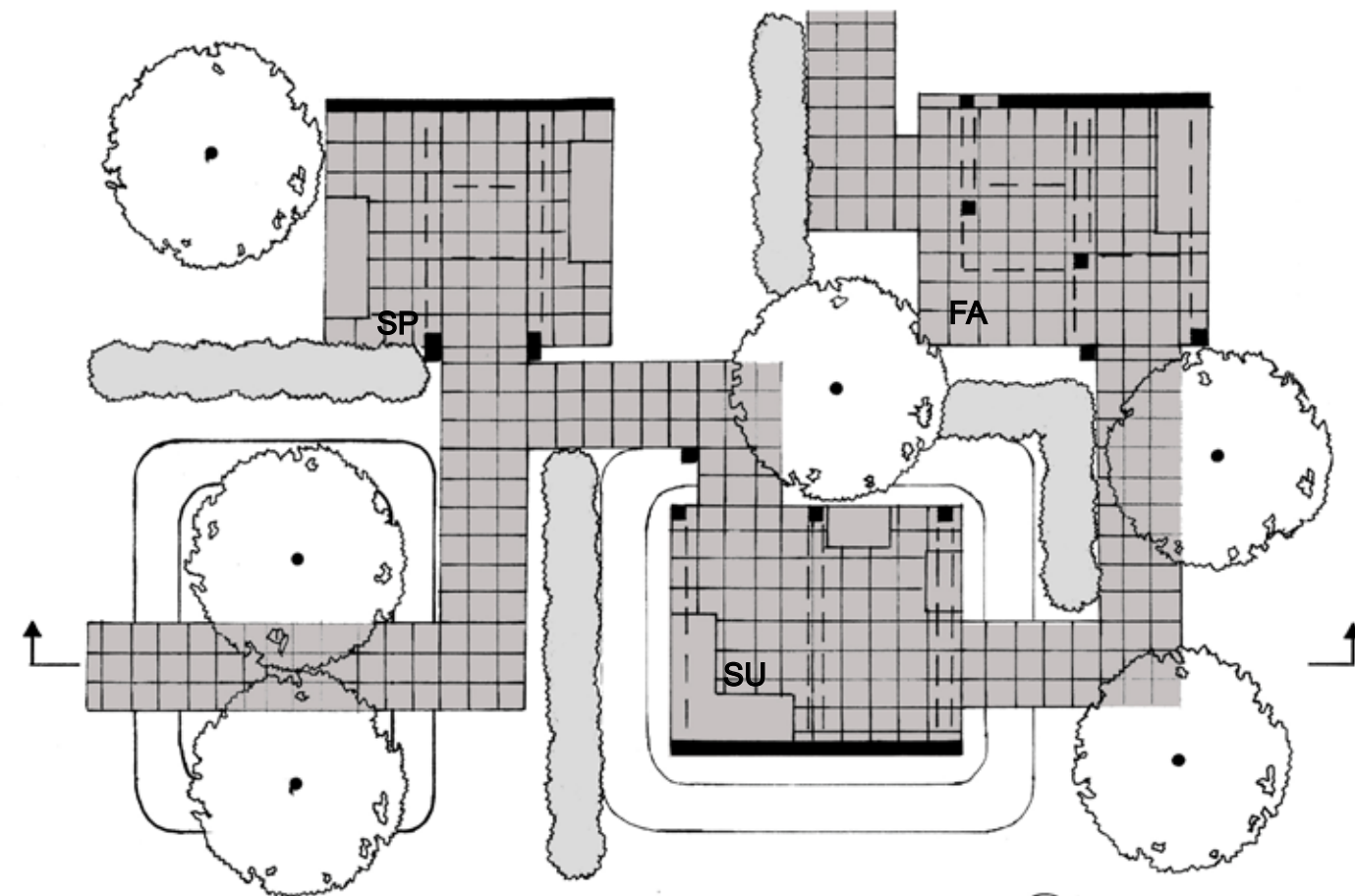
PARTI



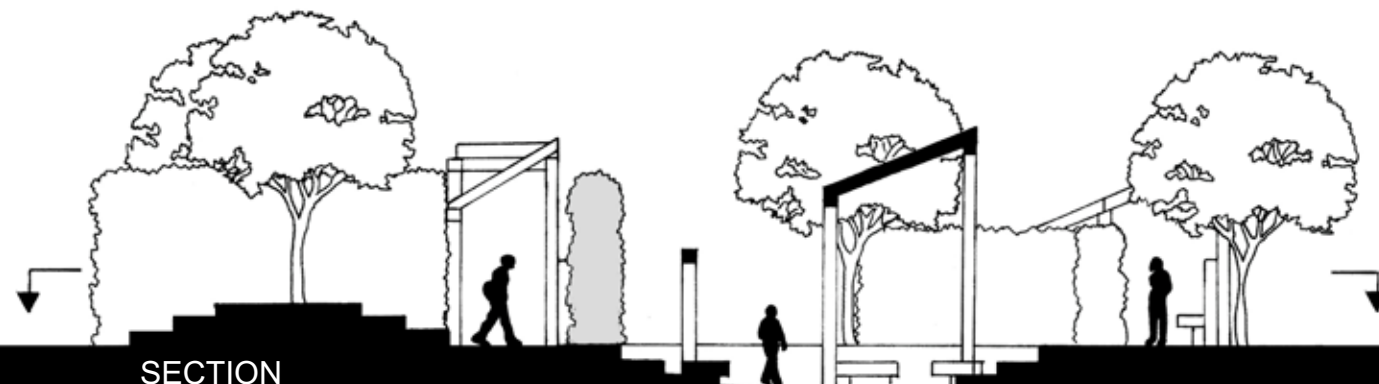
STRUCTURE



CIRCULATION



PLAN



SECTION

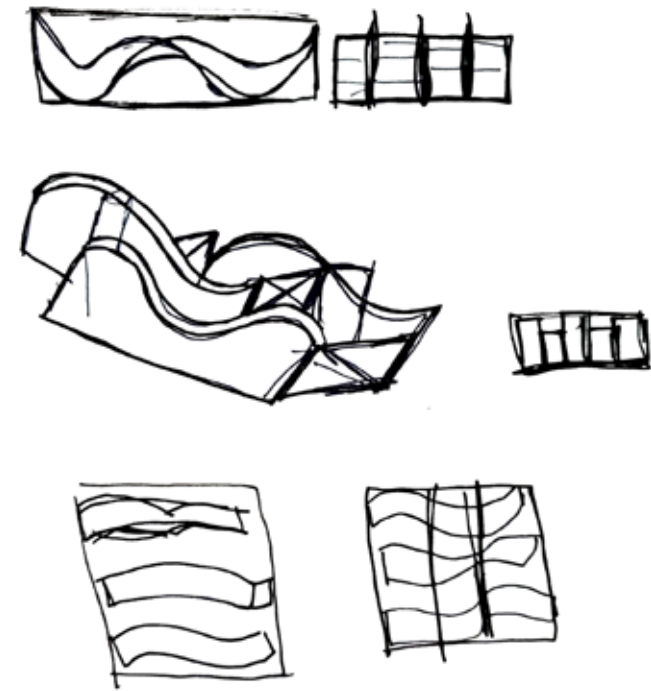
INSPIRATIONS COLLAGE

OBJECTIVE:

Create a 3 dimensional collage that expresses an architectural idea. The collage was composed of images, building sketches, an architectural material, a house found object and text.

CONCEPT:

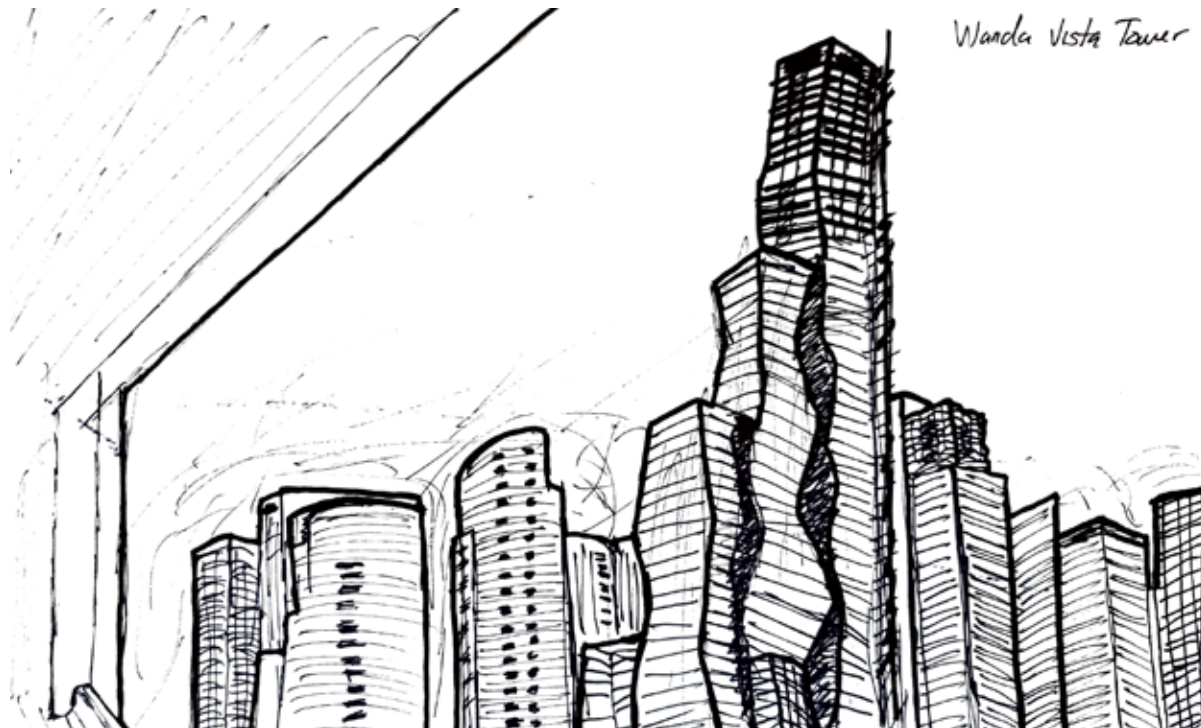
The collage explores around the idea of organic forms and their structure. Structure is all around us and its what holds us together. The aesthetic forms are being held by a vertical and horizontal grid that allows them to stand up. Combining the two forms allows the composition to come together



CONCEPT SKETCHES



INITIAL MODEL STUDIES



INSPIRATION BUILDING SKETCH

INSTITUTION: COLLEGE OF DUPAGE

COURSE: ARCH 2201, FALL 2020

DURATION: 3 WEEKS

PROFESSOR: MARK PEARSON



FINAL MODEL



FINAL MODEL

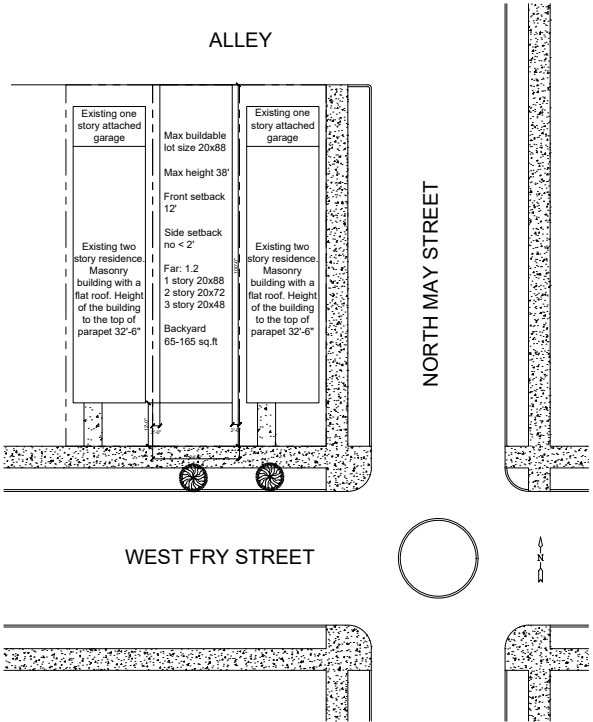
THE S HOUSE

OBJECTIVE:
Design a single family residential house in the west town area of the city of Chicago. The project had follow a zoning building area ratio. Only computer aided design tools use to develop the design.

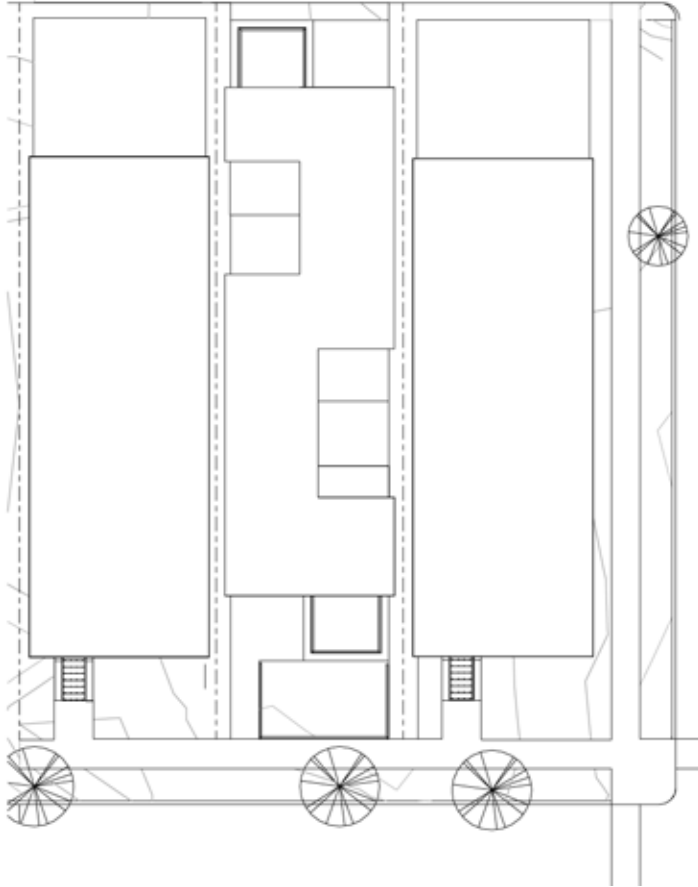
CONCEPT:
The S house revolves the idea of a movement through a maze. The main challenge was the site its self due to the fact that it was very long and narrow. A maze design geometry allow to create some exterior courtyards within the project limits. The green courtyard space areas allow for a more comfortable feeling to a residential residence. The end result ended up with a 3 story house that sets back from multiple directions to create movement through the house like a maze.



SITE AND CONTEXT



SITE ZONING ANALYSIS



SITE PLAN



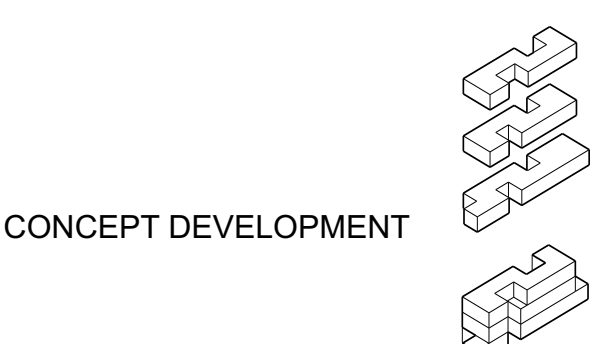
FLOOR PLANS



CONCEPT DEVELOPMENT



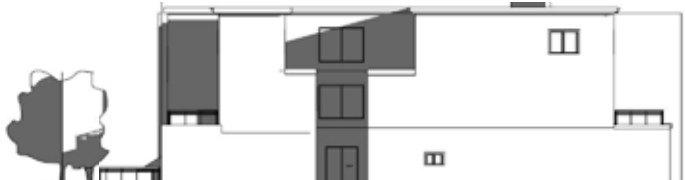
CONCEPT DEVELOPMENT



CONCEPT DEVELOPMENT



NORTH ELEVATION



EAST ELEVATION



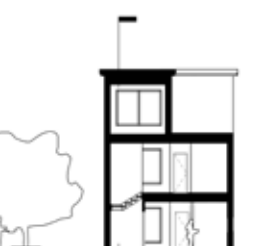
SOUTH ELEVATION



WEST ELEVATION



SECTION A-A



SECTION B-B

INSTITUTION: ROBERT MORRIS UNIVERSITY

COURSE: ACT 205, SPRING 2017
DURATION: 8 WEEKS
PROFESSOR: SIMON LAZAR

THE S HOUSE

INSTITUTION: ROBERT MORRIS UNIVERSITY

COURSE: ACT 205, SPRING 2017
DURATION: 8 WEEKS
PROFESSOR: SIMON LAZAR



RUSSELL R. KIRT ENVIRONMENTAL EDUCATION CENTER

INSTITUTION: COLLEGE OF DUPAGE

COURSE: ARCH 2201, FALL 2020

DURATION: 12 WEEKS

PROFESSOR: MARK PEARSON

OBJECTIVE:

Design an environmental education center for the College of Dupage campus. The environmental education center had to revolve around the idea of architecture, ecology and environmental stewardship. The building will serve as a learning source for College of Dupage guest, students and staff to learn about the prairie life environment located on campus. Public space areas, education classrooms and a multipurpose/exhibit room were part of the building program.

Concept:

The building focuses on the idea of immersion. The concept is achieve by separating the building program into 3 main areas, public space, education space and multipurpose room. The existing ground gets raise up by 4 feet for the building to sit on, this allows for the for public spaces to have an elevated view of the surrounding prairie environment. Next the education and multipurpose spaces slowly get immerse into the prairie environment by a series of ramps going down. The end result brings the occupants into the multipurpose room which is 4 feet below the elevated grade, a +2000 square feet space below grade will allow the occupants to be one with prairie environment.



SITE WITH CONTEXT



INTERIOR OF MULTIPURPOSE ROOM



SITE PLAN



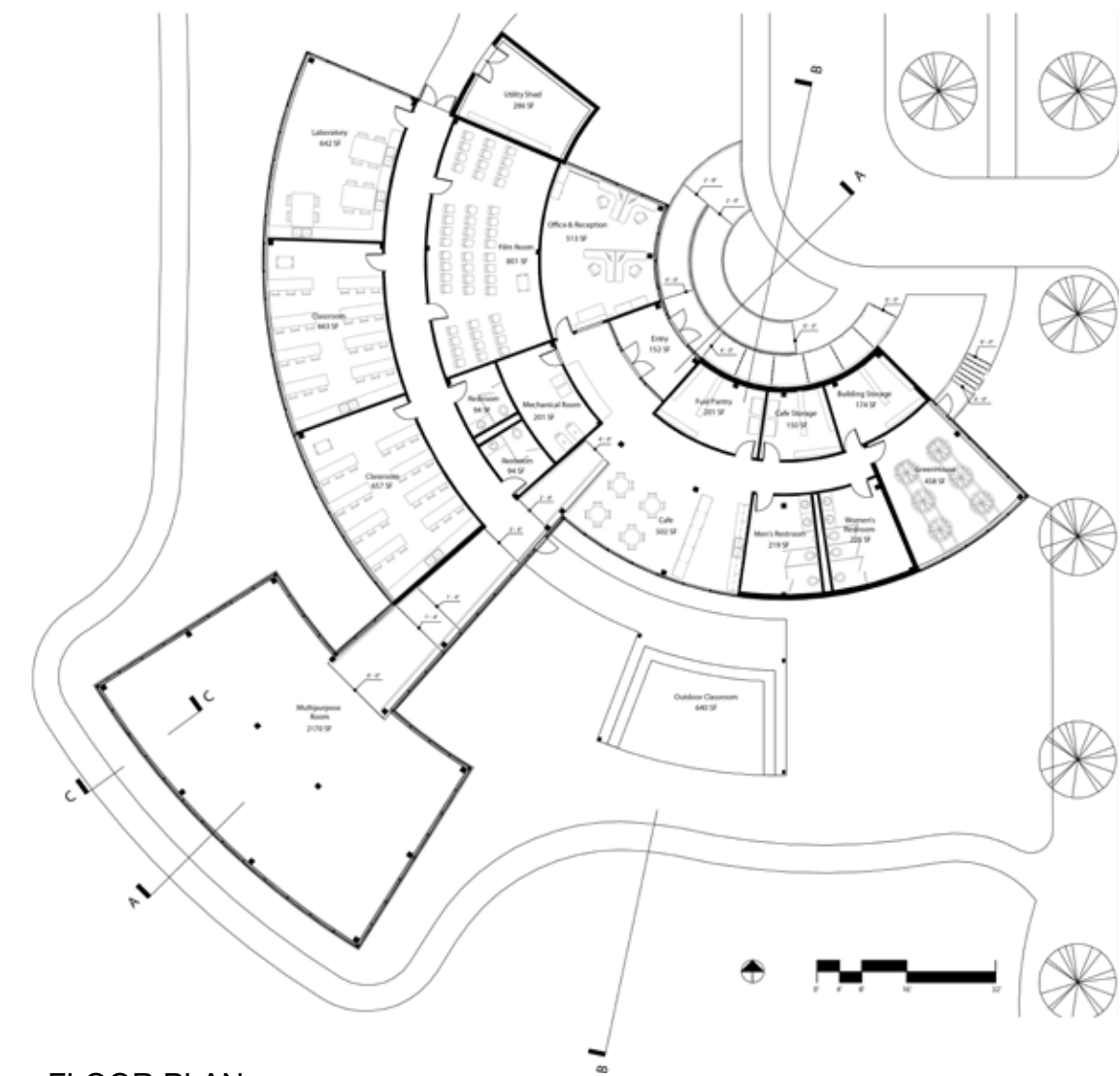
PARTI



CIRCULATION



STRUCTURE



FLOOR PLAN



BUILDING SECTION A-A

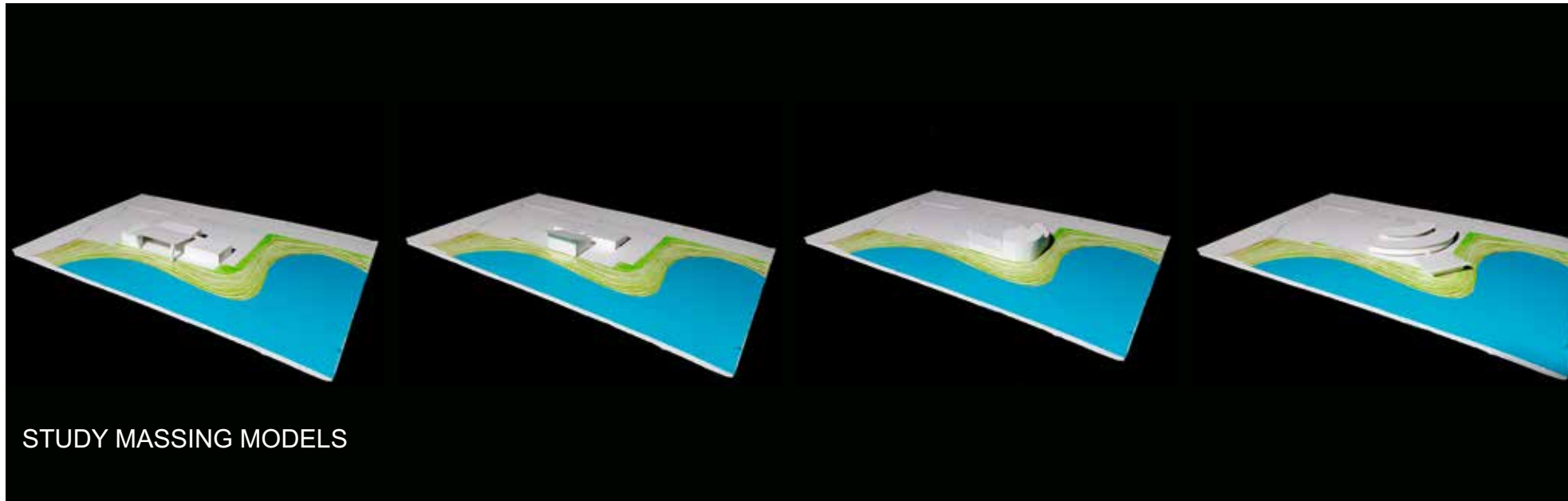


BUILDING SECTION B-B

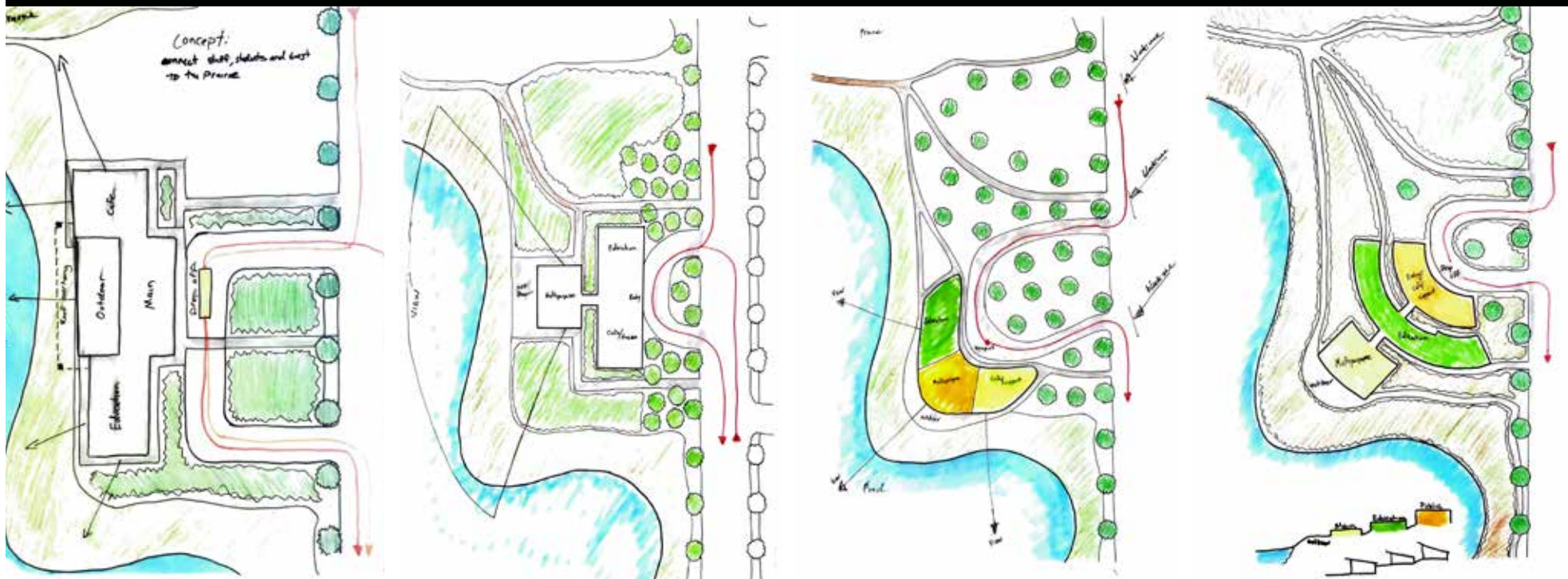
RUSSELL R. KIRT ENVIRONMENTAL EDUCATION CENTER

INSTITUTION: COLLEGE OF DUPAGE

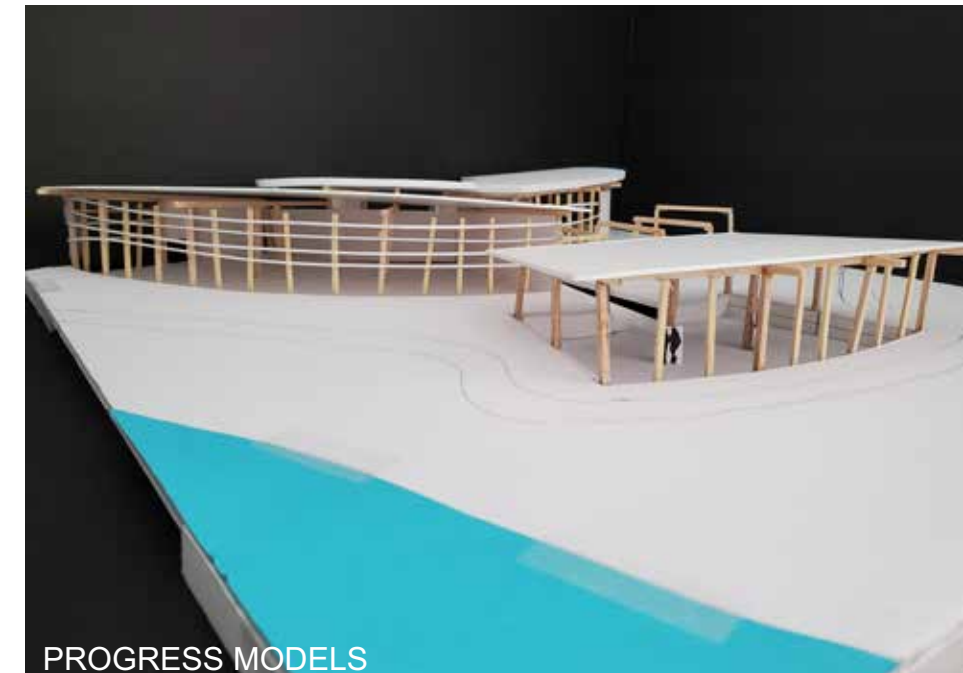
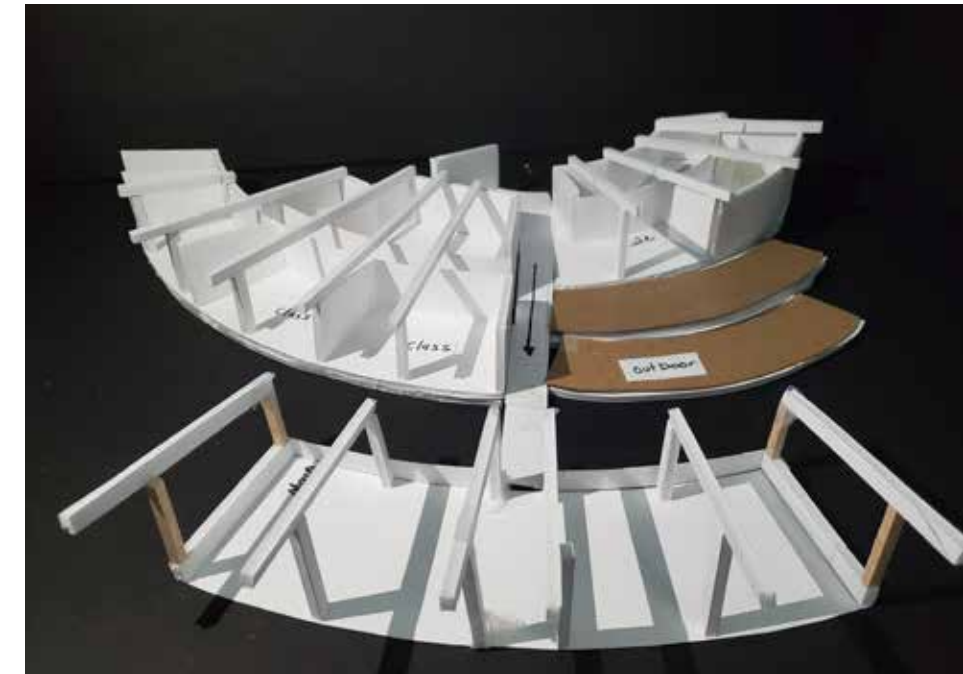
COURSE: ARCH 2201, FALL 2020
DURATION: 12 WEEKS
PROFESSOR: MARK PEARSON



STUDY MASSING MODELS



STUDY PARTI DIAGRAMS



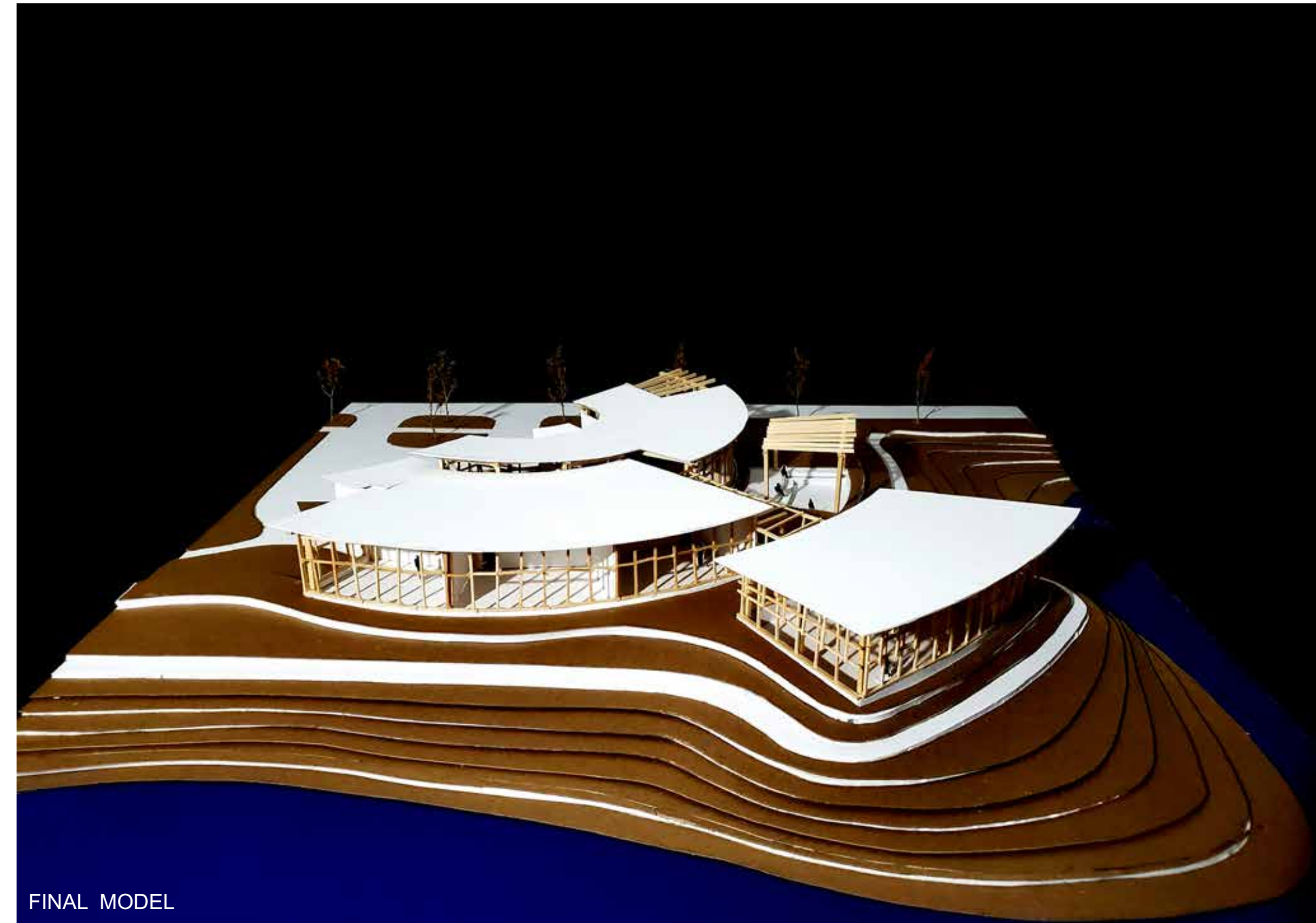
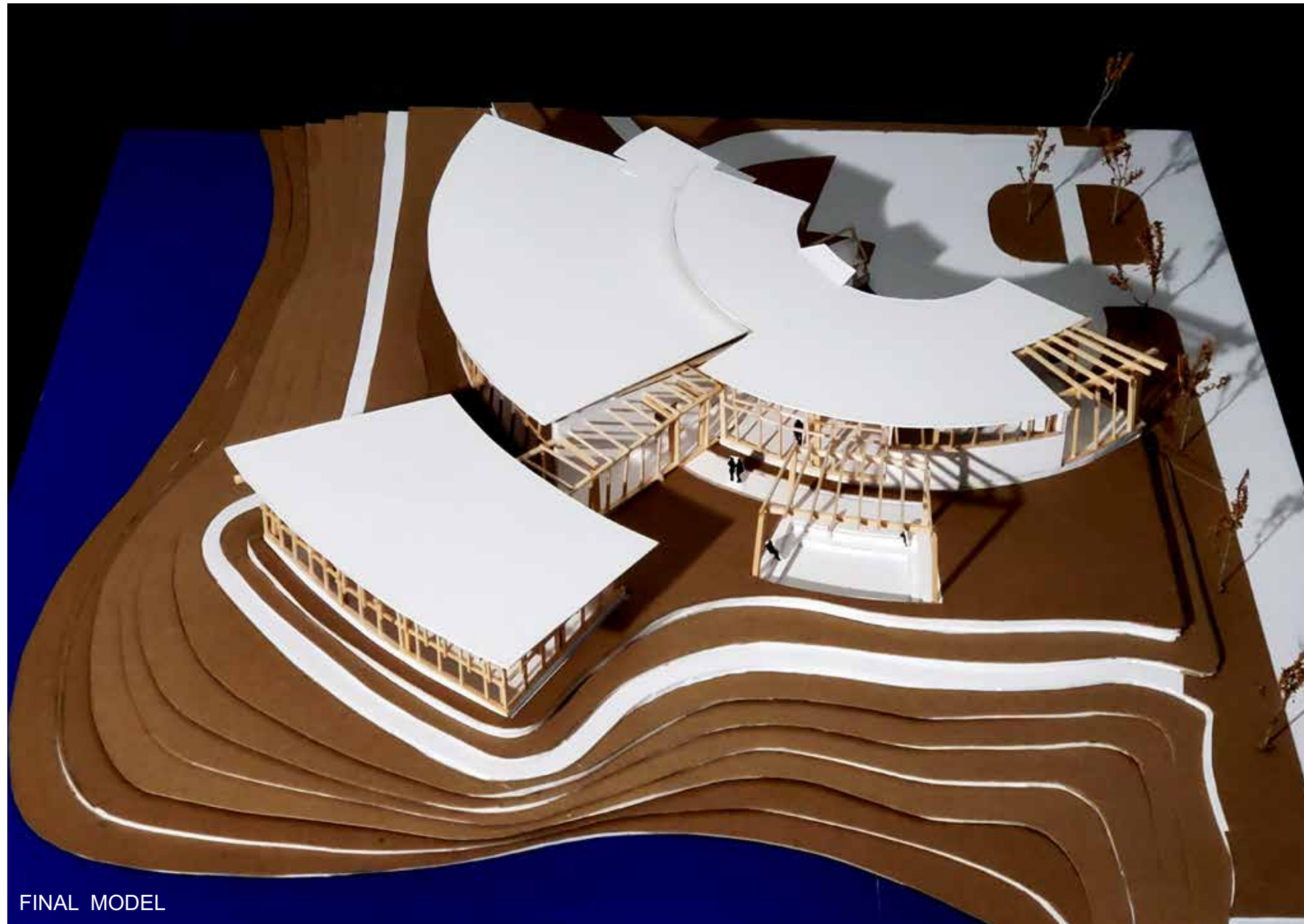
PROGRESS MODELS



RUSSELL R. KIRT ENVIRONMENTAL EDUCATION CENTER

INSTITUTION: COLLEGE OF DUPAGE

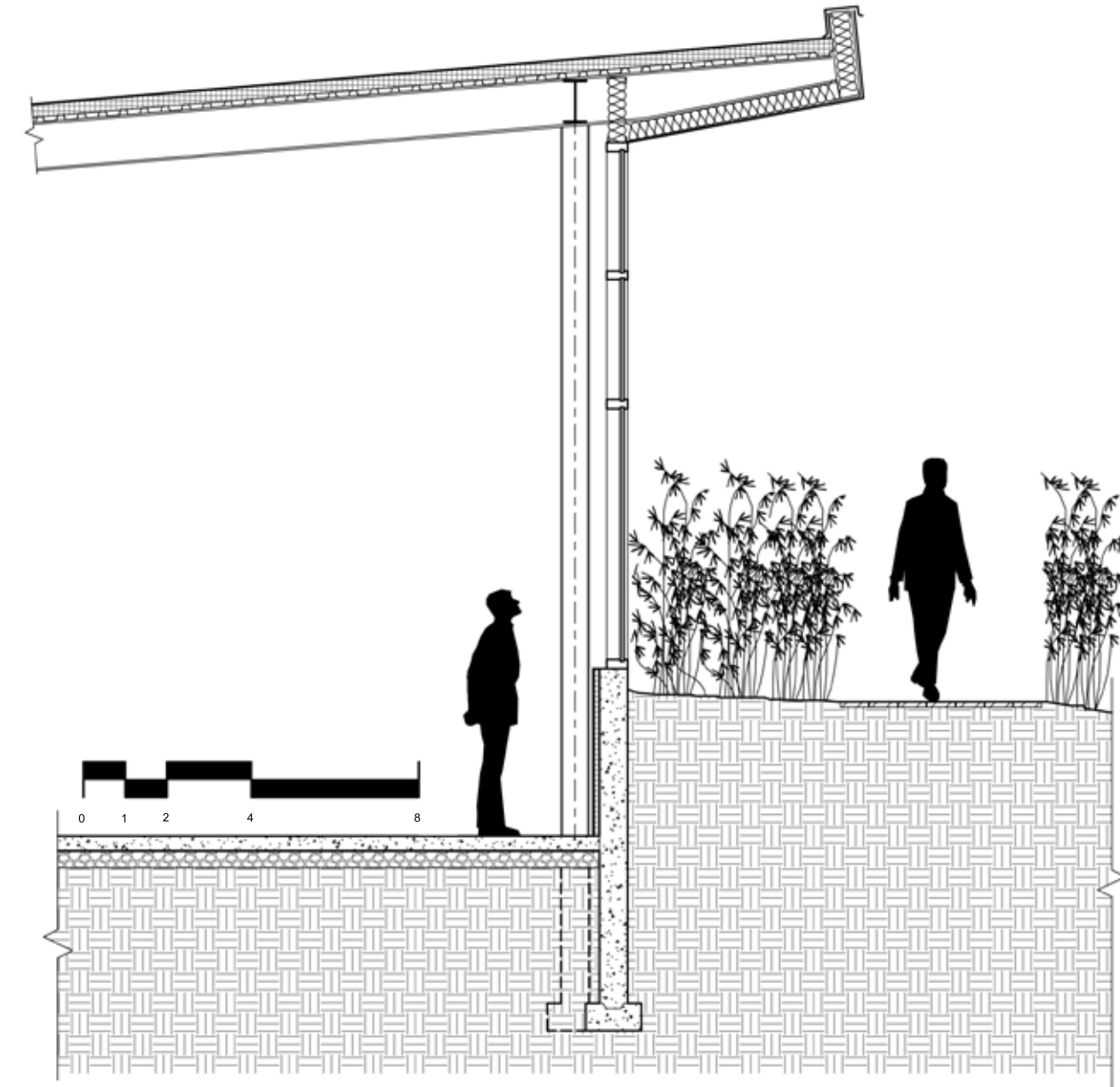
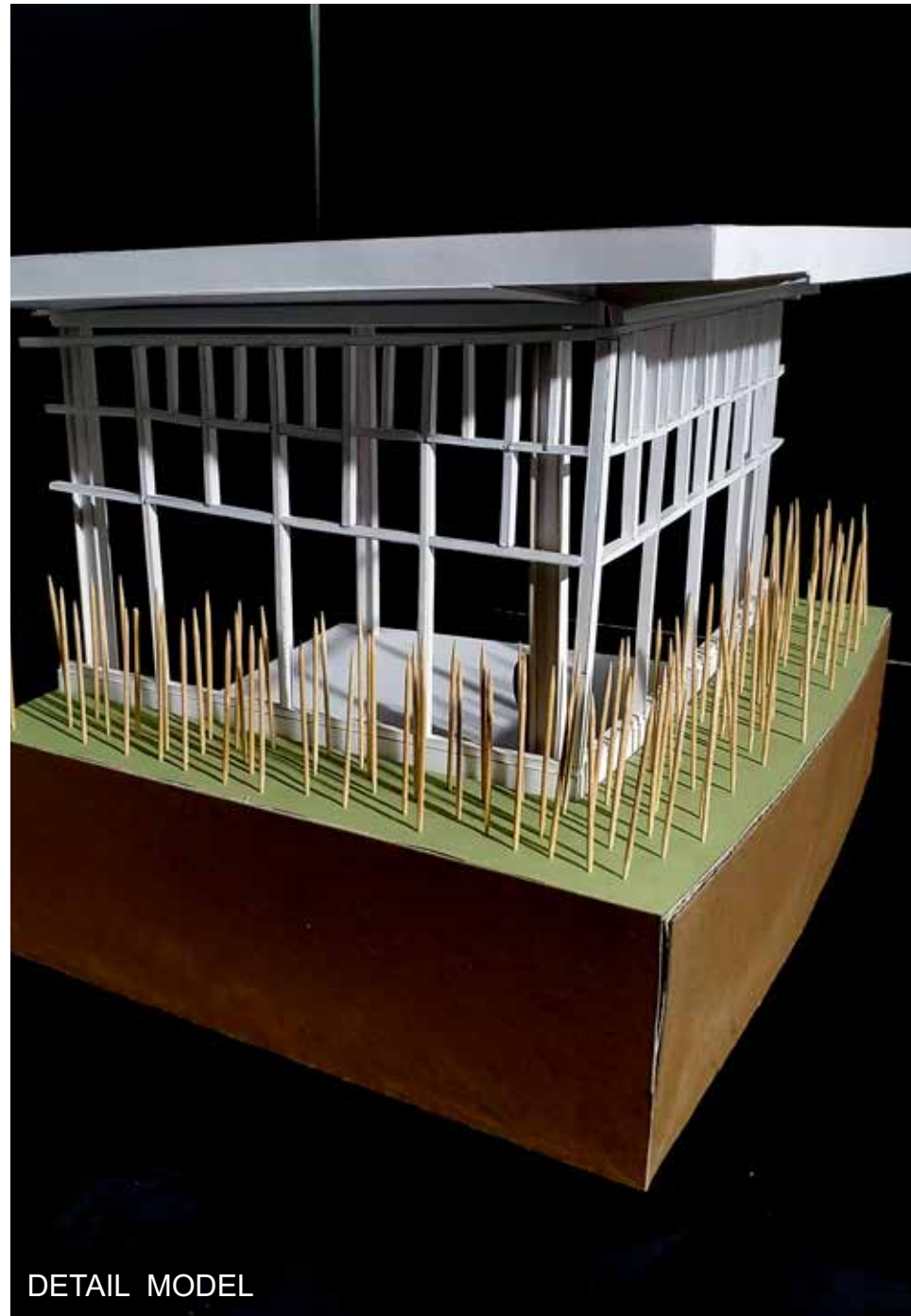
COURSE: ARCH 2201, FALL 2020
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RUSSELL R. KIRT ENVIRONMENTAL EDUCATION CENTER

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SECTION C-C - MULTIPURPOSE ROOM WALL SECTION