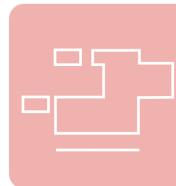


COLLEEN DUONG

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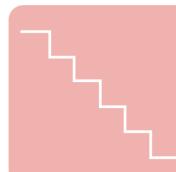
01 URBAN AGRICULTURE CENTER



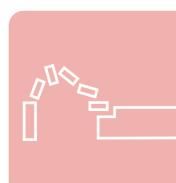
02 HOOP HOUSE



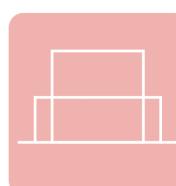
03 FOLDED GARDEN



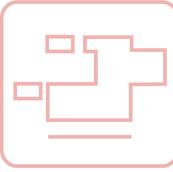
04 PARASITE



05 MOTION



06 CUBE HOUSE



URBAN AGRICULTURE CENTER

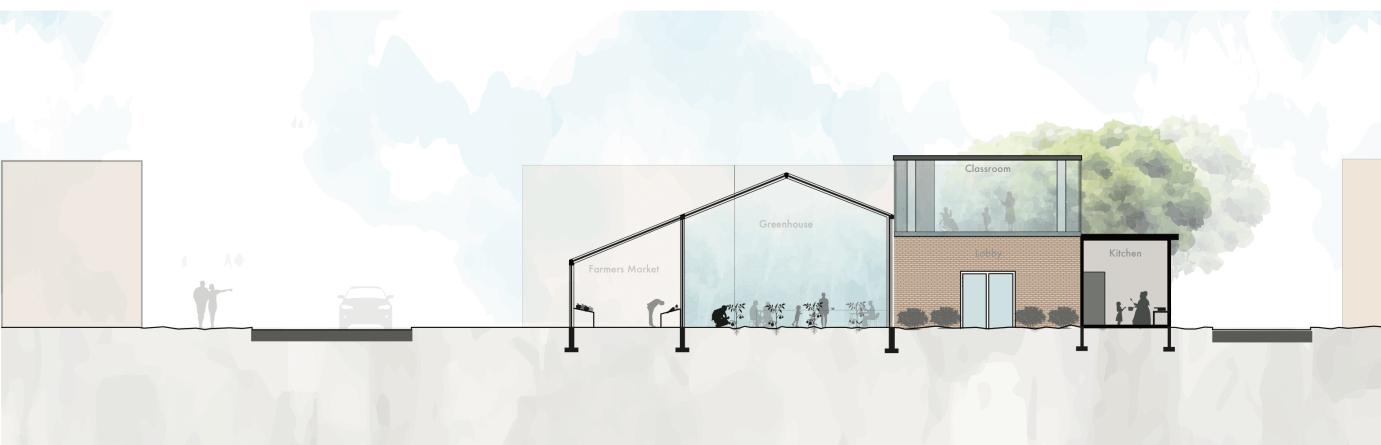
YEAR: FALL 2017

LOCATION: SANKOFA COMMUNITY GARDEN IN HOMWOOD, PENNSYLVANIA

PROJECT: DESIGN PROPOSAL



Front View Render



Section

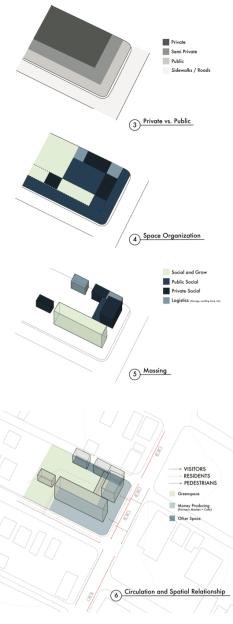
To try and retain the idea that this site was once a historical building, I wanted to keep the original material from the existing building, brick, and surround it with a newer material, glass, to show a gradual change from old to new.

I tried to incorporate the idea of having different types of buildings depending on the type of person coming to the building: visitor, resident, or pedestrian. This render was for the visitors and showcases the farmer's market, greenhouse, and front entrance. The back view render shows the view for the residents, which is the outside growing space and a straightforward path to the staircase that leads to the classroom. I designed it this way since an important aspect that the client told us to keep in mind was that she wanted to encourage the idea of teaching the children of Homewood about growing.

Each student developed a building proposal for a new center for Urban Agriculture in Pittsburgh. The site was specifically Sankofa Community Garden located in Homewood. The center will serve as a hub supporting urban gardening and farming activity in Pittsburgh. The center will also become an outreach center allowing for education and community engagement from the citizens of Homewood. I focused on the main circulation aspect of the area when creating a design proposal



Plan



Back View Render



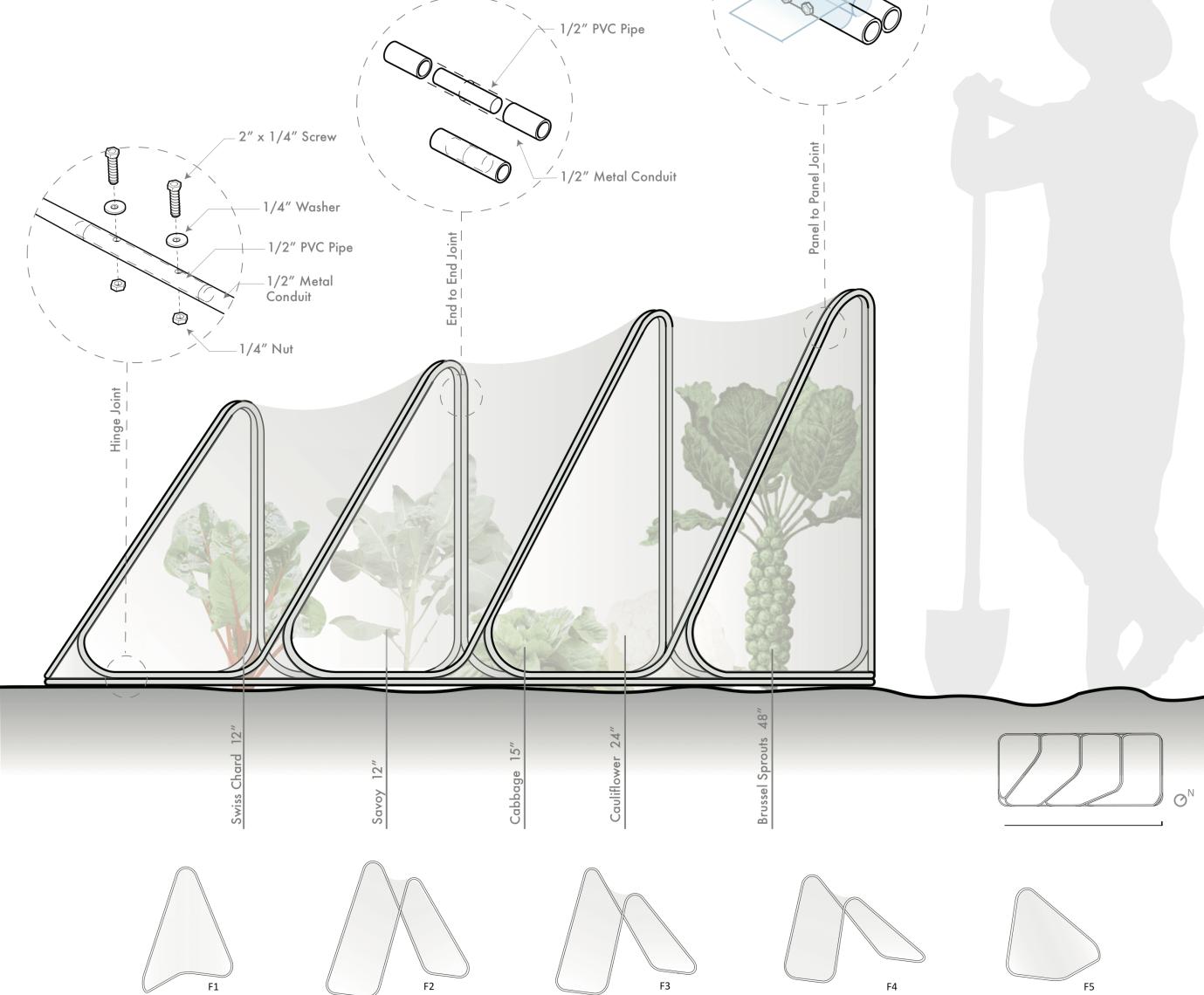
HOOP HOUSE⁰²

YEAR: FALL 2017

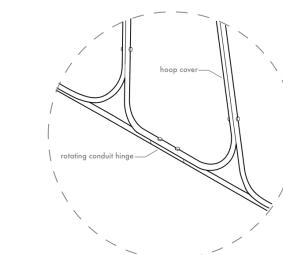
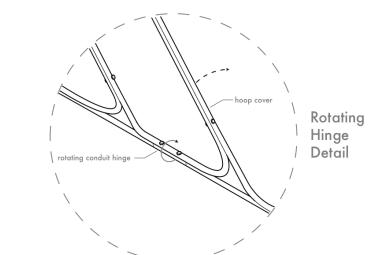
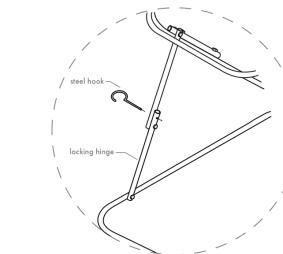
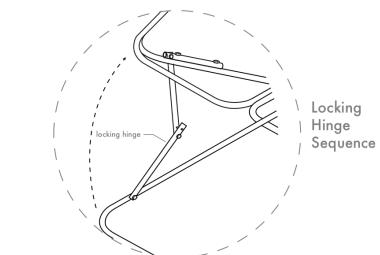
LOCATION: PHIPPS CONSERVATORY AND BOTANICAL GARDENS

PROJECT: BUILT AND INSTALLED AT CONSERVATORY

GROUP MEMBERS: EDWARD FISCHER, RYU KONDRUP, ALE MEZA,
ISABELLA OUYANG, ANTHONY RA



Each group designed a hoop house for the Edible Garden at Phipps Conservatory after being assigned a specific planting arrangement. Our group's planting arrangement was a 16 foot long planting plot that was partially blocked from the sun by a towering building. Key components that had to be kept in mind was: are the plants easy to maintain and water? Is the hoop house to assemble and disassemble seasonally? Will the plants be protected from frost and get enough sunlight?





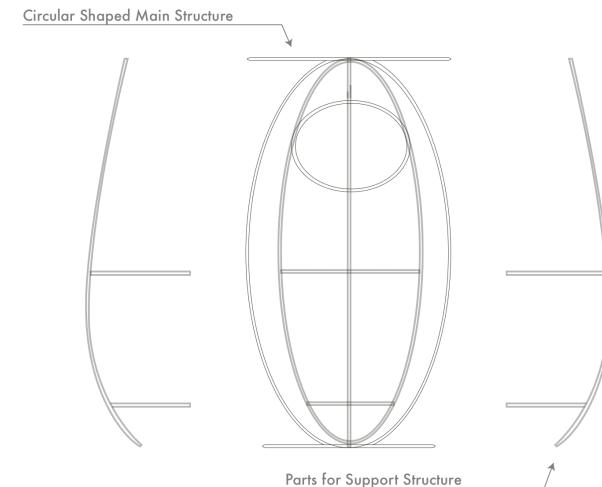
FOLDED GARDEN ⁰³

YEAR: FALL 2017

LOCATION: PHIPPS CONSERVATORY AND BOTANICAL GARDENS

PROJECT: BUILT AND INSTALLED AT CONSERVATORY

PLANT: PARSLEY



Folded Garden is a project focused on constructing a growing armature to sustain a plant through the season's first frost. Students were given the opportunity to explore different shapes and plant properties that they wanted to take into account when constructing an armature for their given plant. The materials that were given included 0.062" or 0.032" thick wire and heat shrink wrap. This design aimed to take into consideration the plant, parsley, and how it grows tall and has a vertical physical appearance and emphasized the importance of taking care of the roots of the plant to maintain its constant growth while creating a space that is not too tight or open to allow for the roots to have enough space to freely grow.



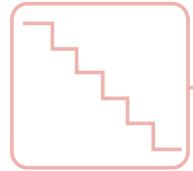
Side Elevation



Front Elevation



Top Elevation

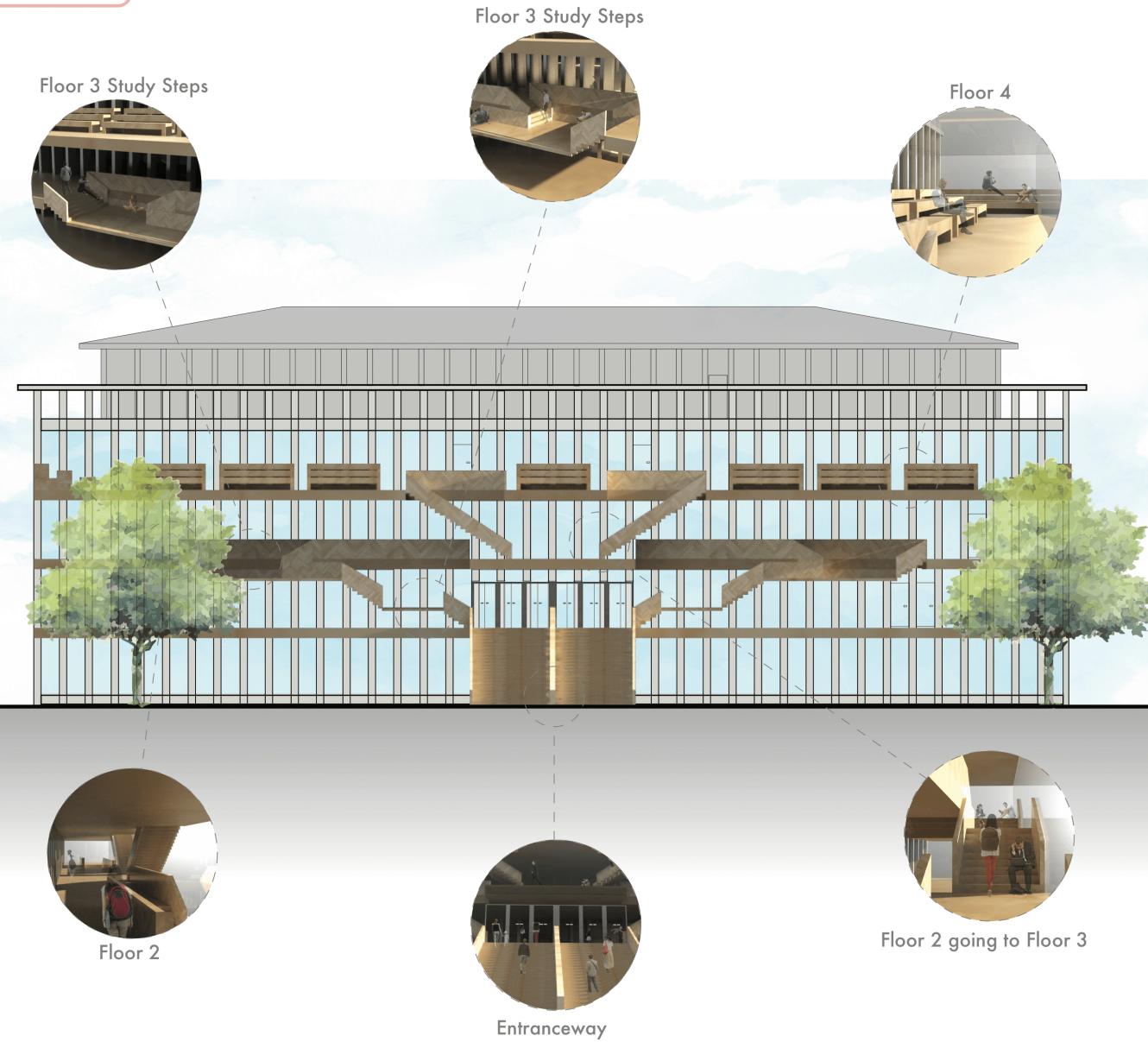


PARASITE⁰⁴

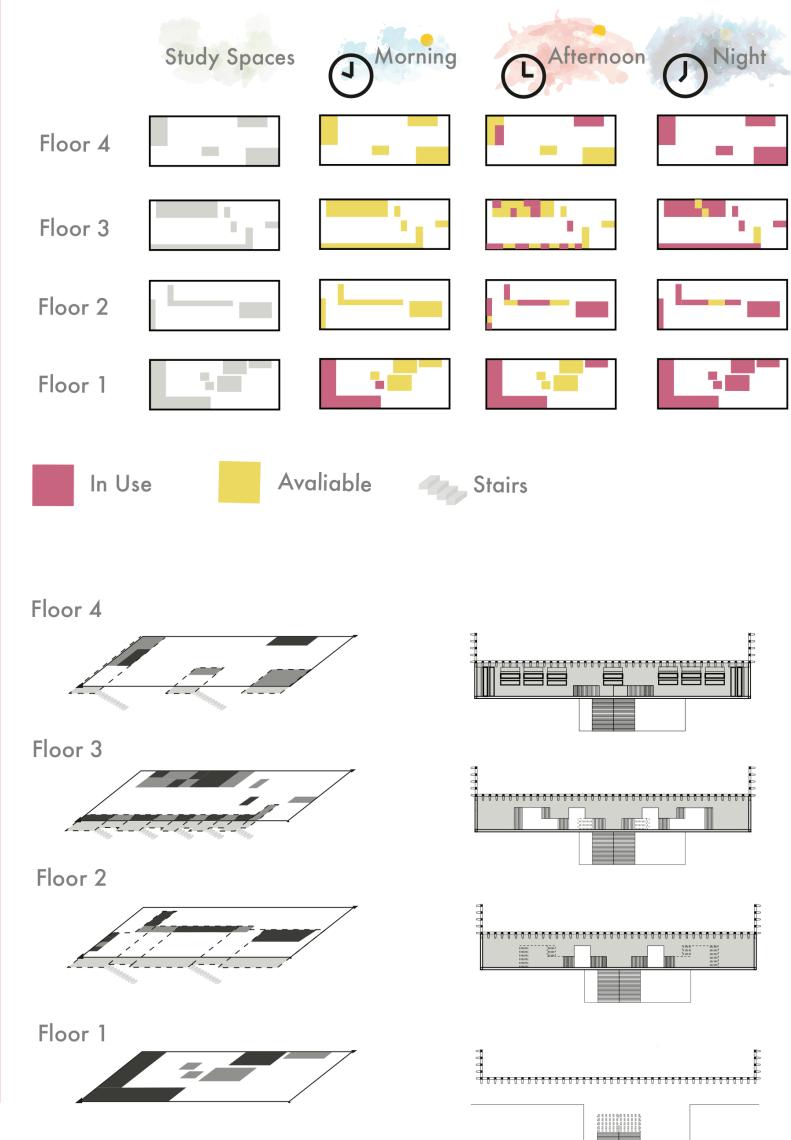
YEAR: SPRING 2017

LOCATION: HUNT LIBRARY AT CARNEGIE MELLON UNIVERSITY

PROJECT: DESIGN PROPOSAL



The design proposal aimed to try and add more study spaces to an existing building, Hunt Library, which is located on Carnegie Mellon University's campus. For my design proposal I tried to create an "ant farm" system to the library to allow people outside to be able to have a sense of what is happening inside through all of the stairs and study spaces that visitors will constantly be moving around.



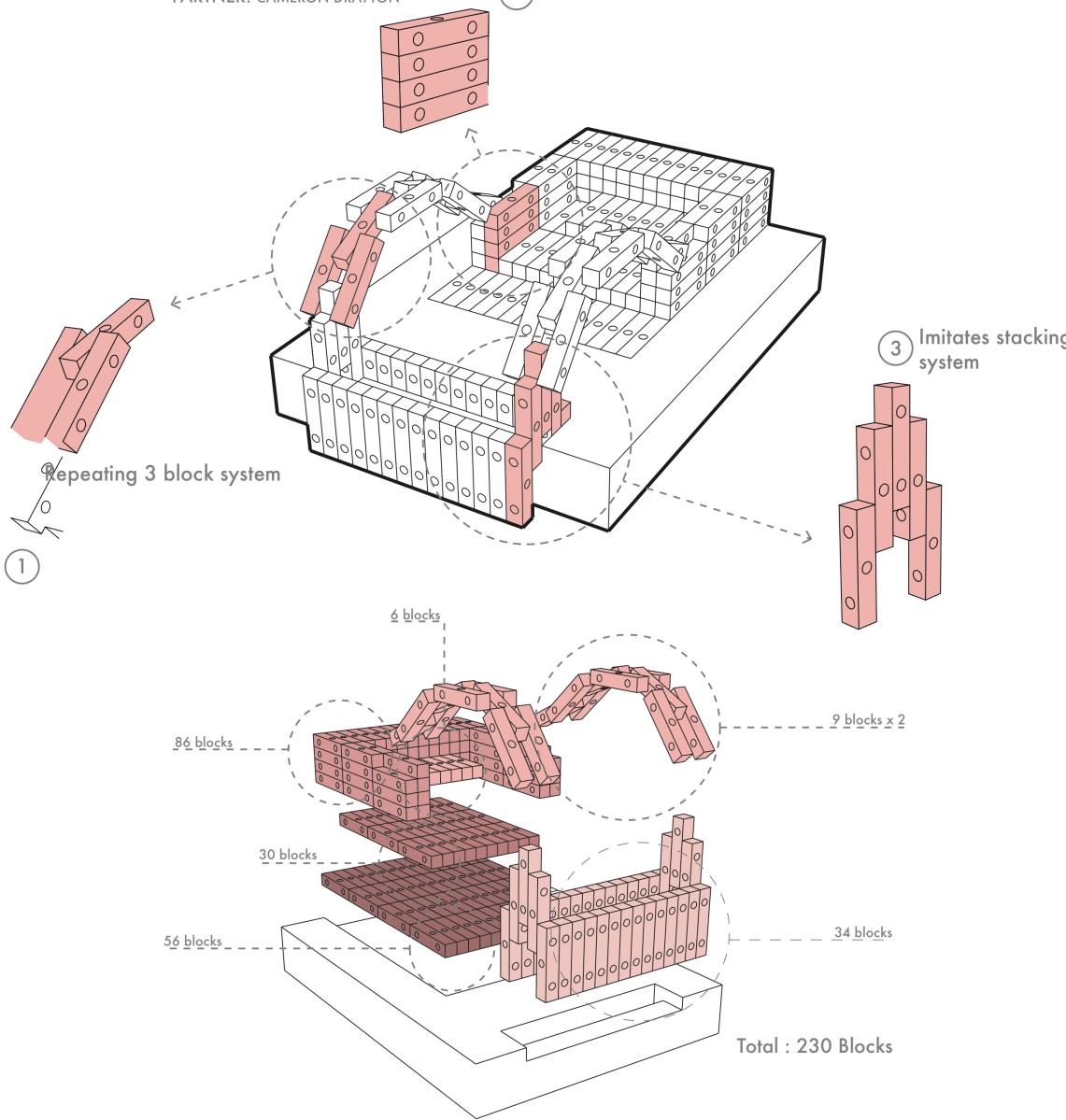
MOTION 05

YEAR: SPRING 2017

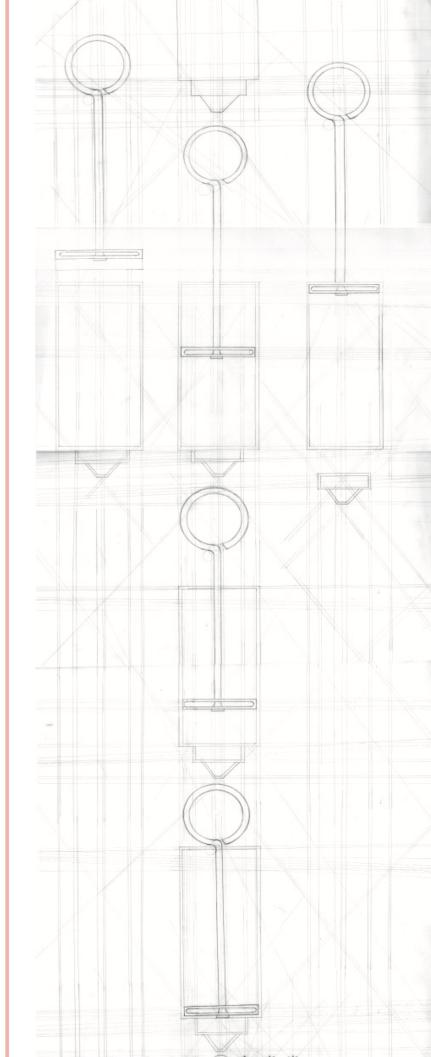
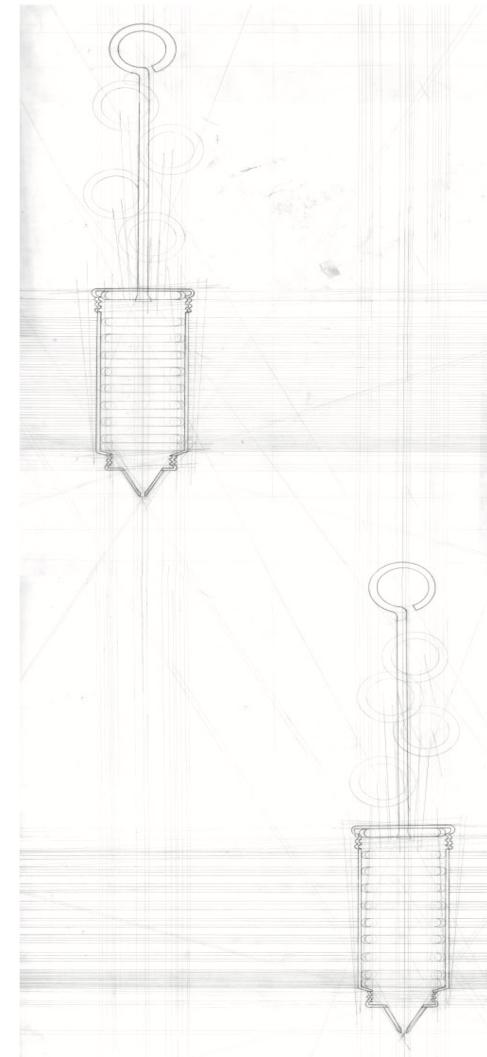
LOCATION: n/a

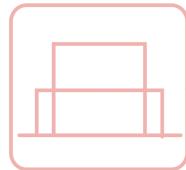
PROJECT: DESIGN

PARTNER: CAMERON DRAYTON



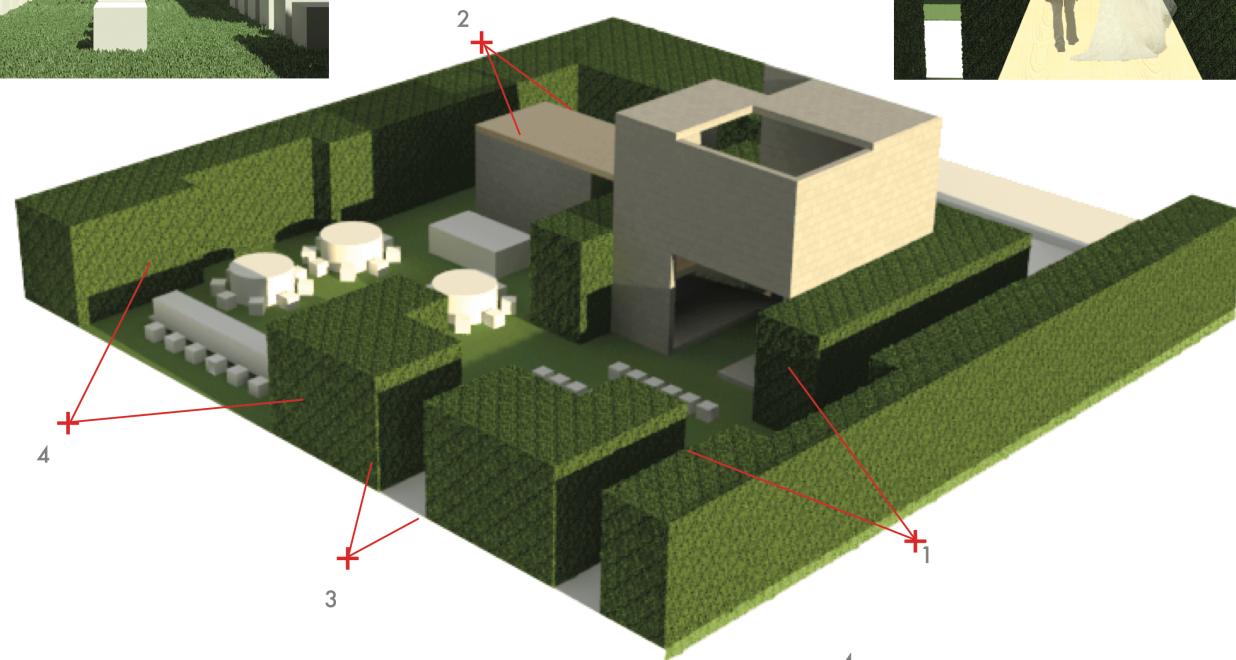
Each student was given a different kitchen tool: froster. After studying the shape of the tool and studying how it moves, students were paired up to try and create a motion model that represented both of their kitchen tools. My partner's tool was a potato cutter. The concept of our model was to make the entire model using the exact same piece repetitively over 200 times. The verbs we were trying to aim for in our model were: layering, splitting, time, and bending. There are two sides to the model to represent the two different kitchen tools, the left represents the froster and the right more rectangular part represents the potato cutter being bridged together with the same sized piece.





CUBE HOUSE 06

YEAR: FALL 2017
LOCATION: LAKE ERIE
PROJECT: DESIGN PROPOSAL



Wedding pavilion proposal that incorporated space and site strategies. The cube (wedding pavilion) is dimensioned at 20' x 20' x 20'. Spaces are carved out using 8' tall hedges that encompass the entire lot. There were several different types of areas that has to be placed on the site such as: the pavillion entry/arrival space, pavillion ceremony area, pavillion preparation area (upstairs), reception garden spa, meal serving space, restroom, storage space, etc. My design aimed to create a straightforward path for the visitors so that they would be able to directly go from one program to the next. I also wanted the bride and groom to be able to have a view of lake erie from the area where they were giving their vows (view 4 on the left).

