selected works

TABLE OF CONTENTS

FIRST YEAR

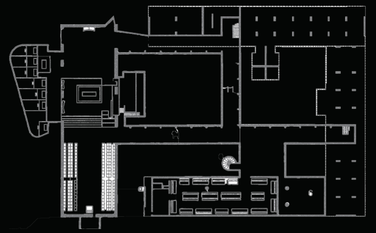
SECOND YEAR

ANALYSIS: CONVENT ST-MARIE DE LA TOURETTE

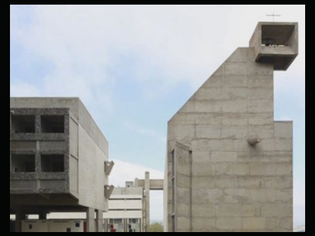
ARCHITECT: LE COURBUSIER

Architecture 10A
Spring 2014

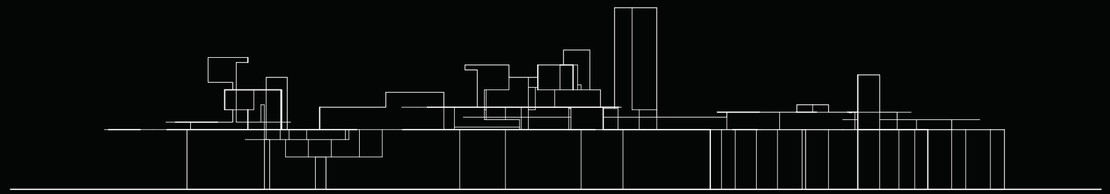
The Convent of La Tourette became a medium for architect Le Corbusier to express his design and architectural vocabulary. Built as a monastary to house a large community of silent monks on the hillside of Europe, Le Corbusier created one hundred small and self-enclosed rooms to accomodate to the monks' multitude of programs such as churches, classrooms, reflectories, and individual cellls. In my study of this building, I was inspired by these long corridors, the accumulation of these small spaces, and the concept that the building does not follow the slope of the land - instead, it dominates the slope with its strong and solid form.



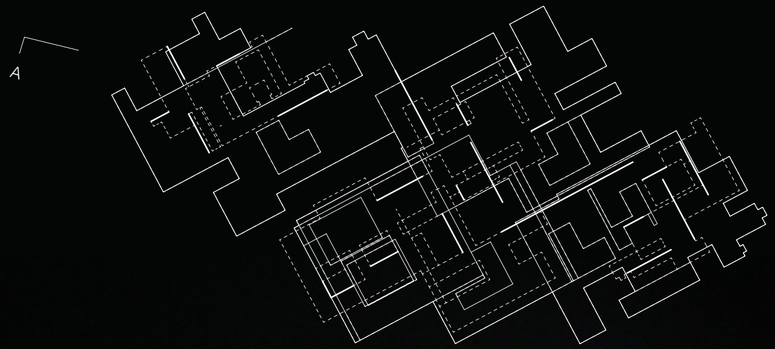
PLAN OF LA TOURETTE



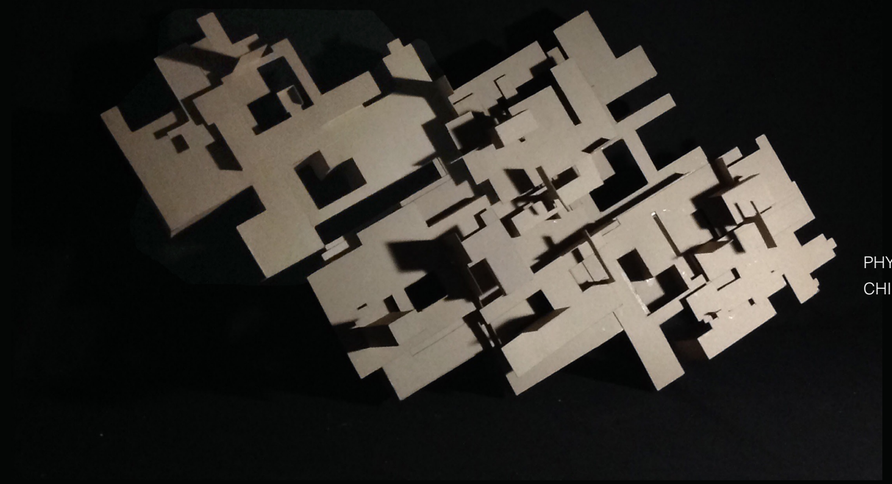
PHOTOS OF BUILDING DETAILS



SECTION A
SCALE: 1' = 1/6"



SECTION A
SCALE: 1' = 1/6"



PHYSICAL MODEL:
CHIPBOARD

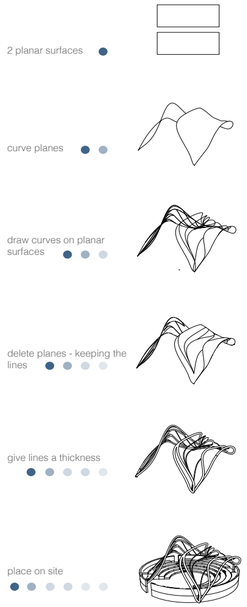
CRESCENT-WING CANOPY

Pasadena, CA

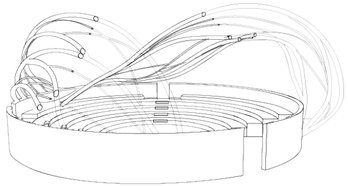
Architecture 20B P

Spring 2014

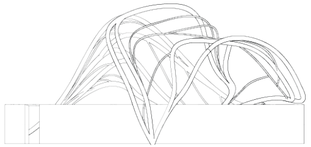
Crafted of bamboo and alabaster, the Crescent Wing Canopy introduces a new form of shade to the students of Pasadena City College. Located in one of the main areas of circulation in the school, this form of shade provided by the new structures fives students the opportunity to enjoy the fresh air and sunlight the city offers without experiencing an overexposure to the sun. The main structures sit on opposing sides of the amphitheater; the bamboo pipes dance around each step - intertwined to create two separate crescent- shaped canopies. The organic form the canopies take are accompanied by thin layers of alabaster patched in the spaces articulated by the wooden weaves - allowing sunlight to seep past the surface and onto the amphitheater.



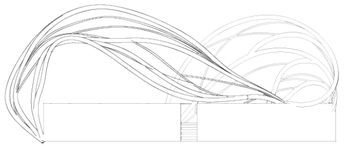
ITERATION SEQUENCE



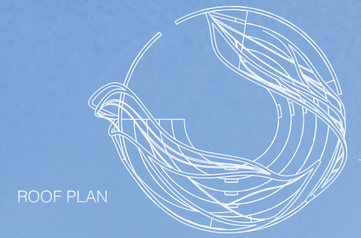
PERSPECTIVE SECTION



FRONT ELEVATION



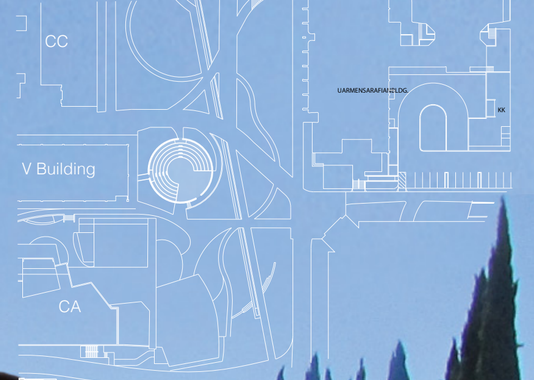
RIGHT ELEVATION



ROOF PLAN

A

PLAN



SITE PLAN

FRONT EXTERIOR RENDER

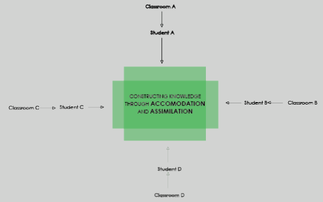
CONFLUX

Architecture 20B

Spring 2016

Pasadena, CA

As a realizaiton of confluence among students and faculty at Pasadena City College, Conflux acts as a network that combines points of intersection and dispersion. While the existing courtyard allows for the congregation of students outside of class, this conjoined structures articulate elevated points of interests or stops without disrupting the pedestrian or vehicular traffic below. While it provides opportunity for more efficient commutes on campus, Conflux establishes balance by providing areas for resting or socializing.



SITE ANALYSIS DIAGRAMS

NETWORKING

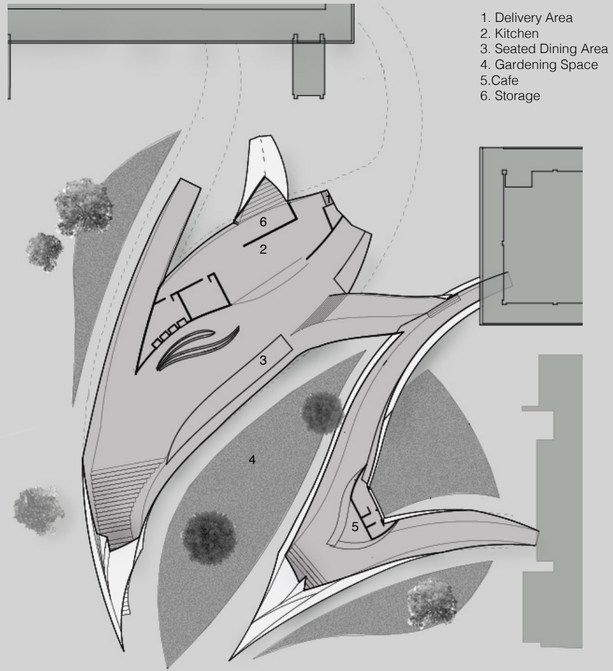
Cafeteria to classroom connections
Classroom connections

INTERSECTIONS

POINTS OF DISPERSION

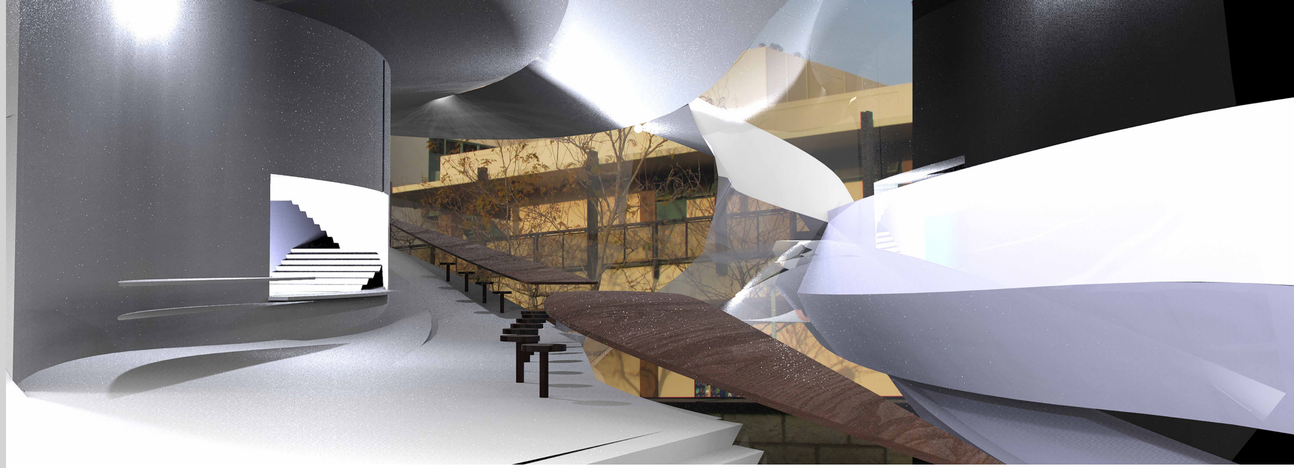
AREAS OF CONGREGATION

1ST FLOOR PLAN



PROGRAMS

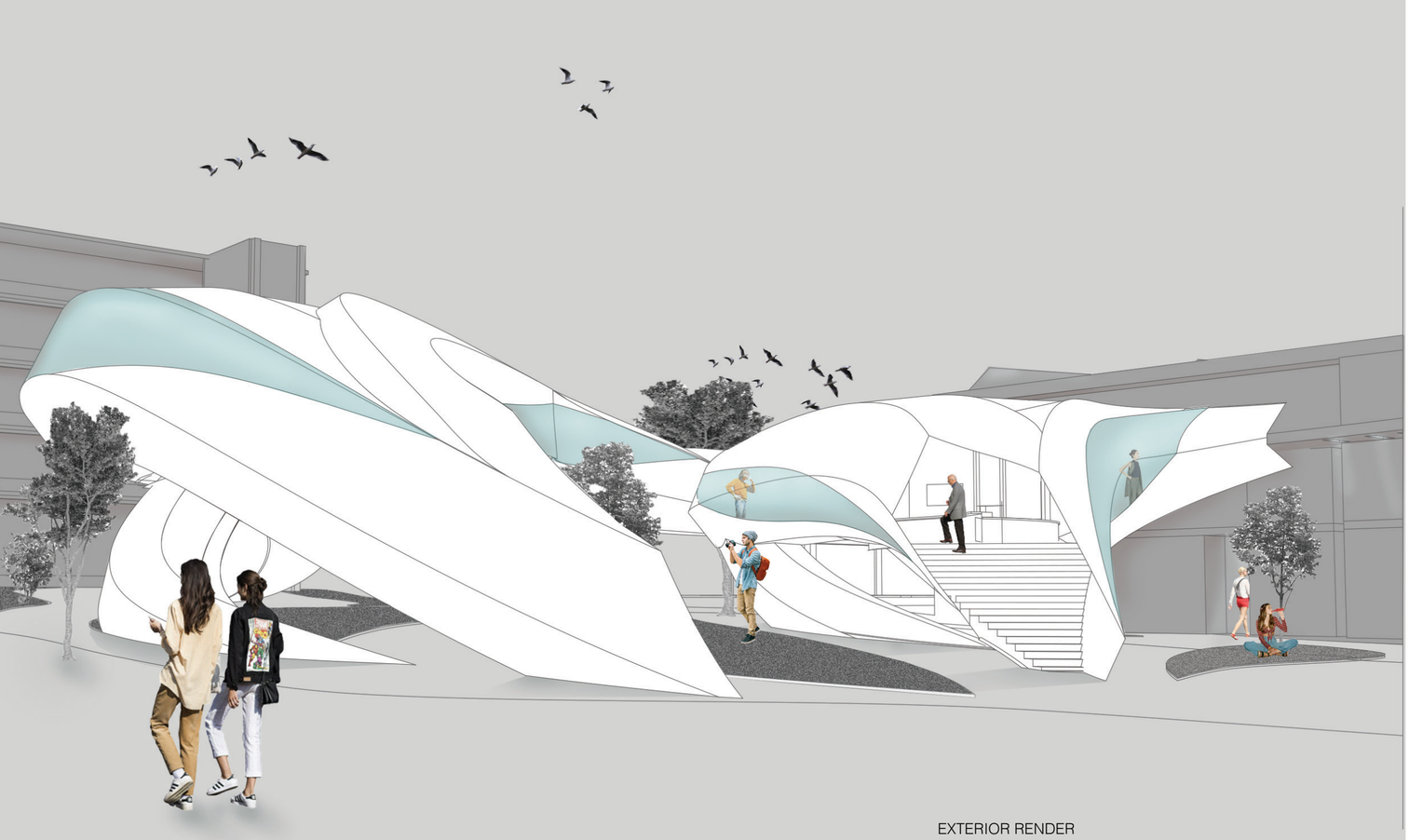
1. Delivery Area
2. Kitchen
3. Seated Dining Area
4. Gardening Space
5.Cafe
6. Storage



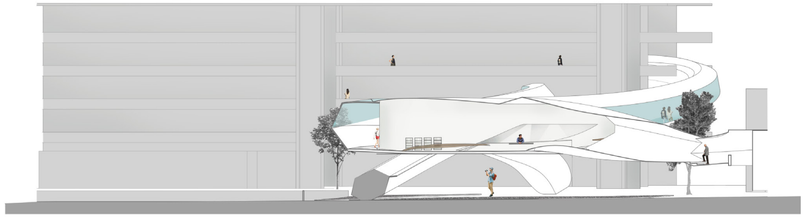
2ND FLOOR PLAN

INTERIOR CONCEPT RENDER

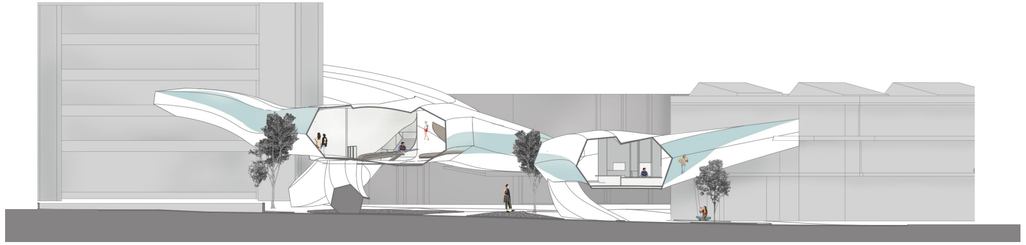
SITE PLAN



EXTERIOR RENDER



SECTION A



SECTION B

SYMBIOSIS

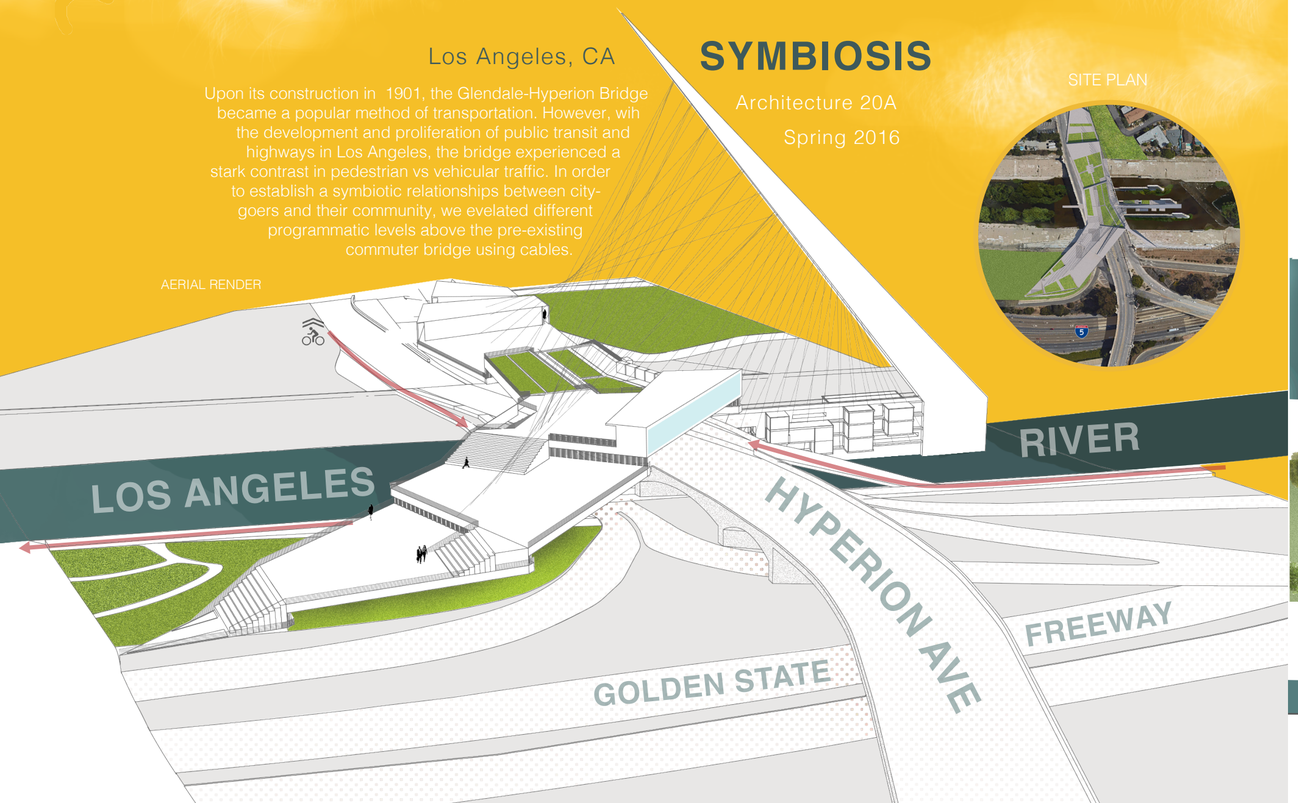
Los Angeles, CA

Architecture 20A

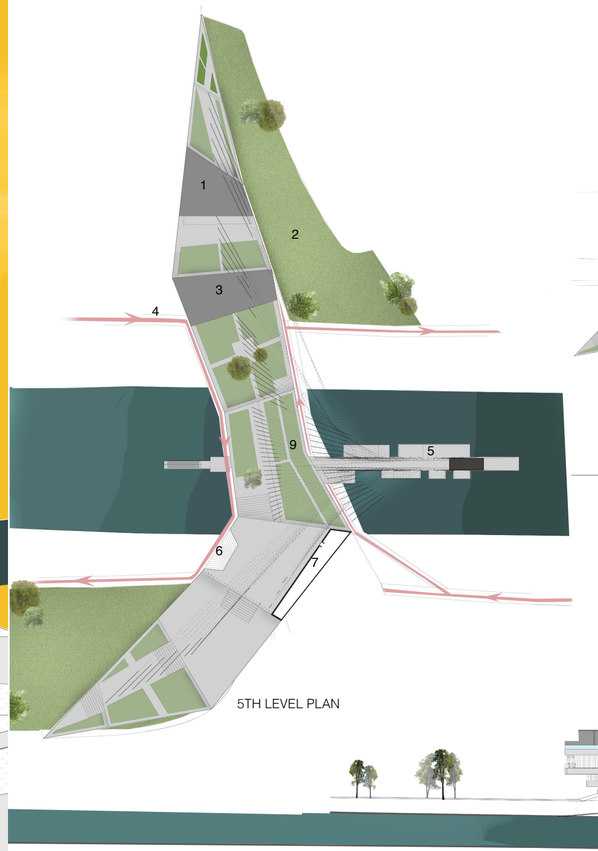
Spring 2016

Upon its construction in 1901, the Glendale-Hyperion Bridge became a popular method of transportation. However, wih the development and proliferation of public transit and highways in Los Angeles, the bridge experienced a stark contrast in pedestrian vs vehicular traffic. In order to establish a symbiotic relationships between city-goers and their community, we evelated different programmatic levels above the pre-existing commuter bridge using cables.

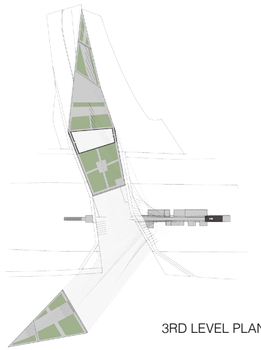
AERIAL RENDER



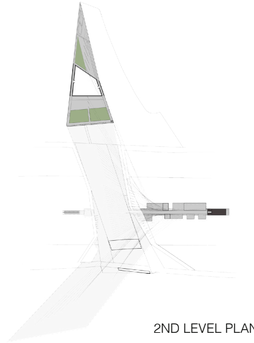
SITE PLAN



5TH LEVEL PLAN



3RD LEVEL PLAN

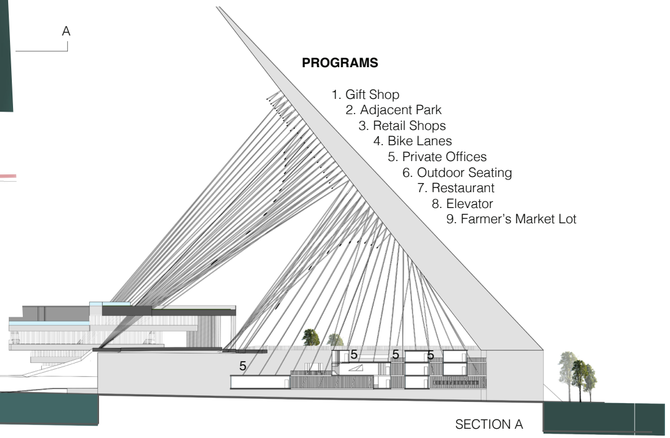


2ND LEVEL PLAN

A

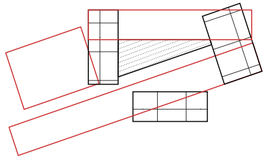
PROGRAMS

1. Gift Shop
2. Adjacent Park
3. Retail Shops
4. Bike Lanes
5. Private Offices
6. Outdoor Seating
7. Restaurant
8. Elevator
9. Farmer's Market Lot



SECTION A

By rotating a few main building components, we are able to esetablish the desired constant flow of circulation.



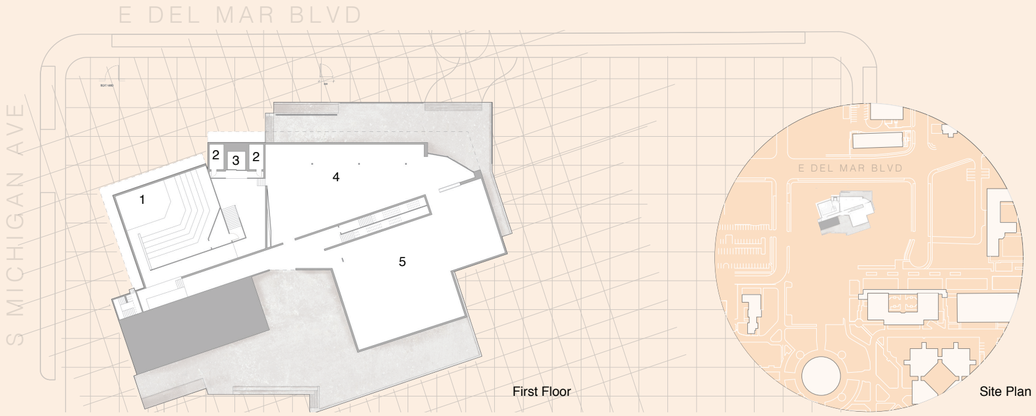
GATEWAY CENTER

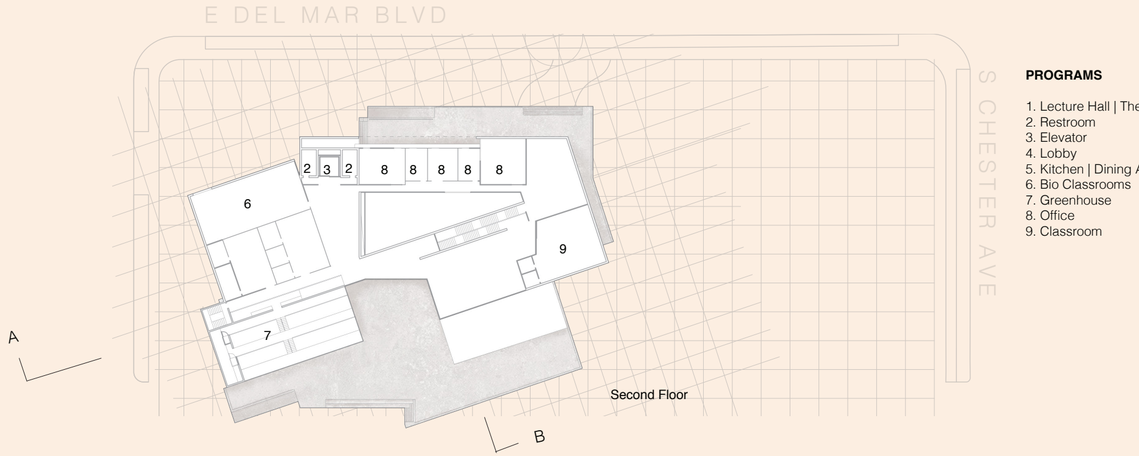
Pasadena, CA

Architecture 20B

Fall 2016

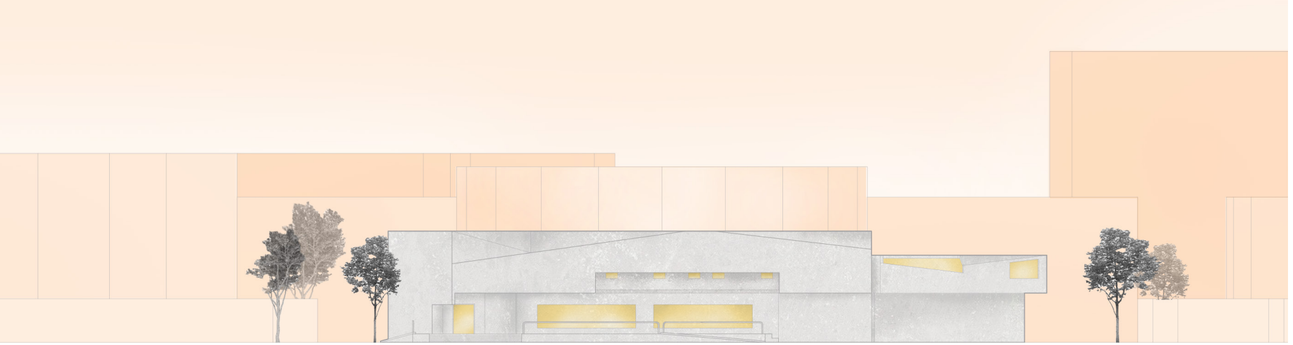
Despite it's elite and selective academic reputation, the California Institute of Technology sits along one of the city's pedestrian-and-vehicle-heavy streets. Through the creation of the Gateway Center, our attempt at finding a balance between the contrasting set of circulation becomes realized. Providing an area that simultaneously welcomes and slows pedestrian traffic is rooted in the ***exploration of interior urban landscape subverted into an interior space.***



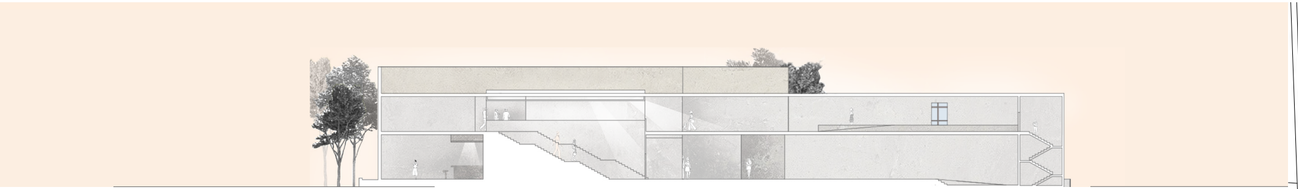


PROGRAMS

1. Lecture Hall | Thea
2. Restroom
3. Elevator
4. Lobby
5. Kitchen | Dining Ar
6. Bio Classrooms
7. Greenhouse
8. Office
9. Classroom



FRONT ELEVATION

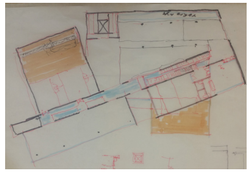


SECTION A

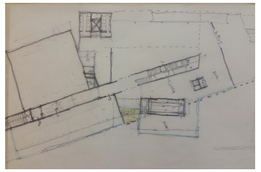
SECTION B

Pedestrian Entry

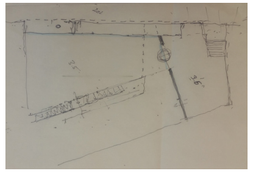
First Floor Program Layout



Second Floor Program Layout



Exploring Interior Dimensions



ITERATIVE PROGRAM STUDIES

GREEN HOUSE INTERIOR RENDER

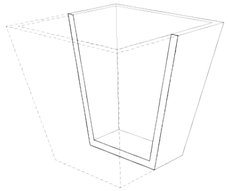
CATENARC

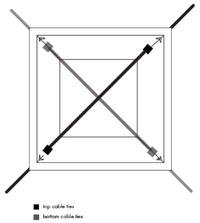
Architecture 14
Materoals + Construction
Spring 2015

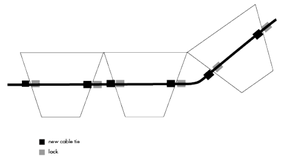
Pasadena, CA

Original Use: Jiffy Strips are originally used as plant trays. When planting, people fill the trays with seeds and then they water the trays until the walls of the pots are saturated. Once filled with seed-infused soil, the pots can be transplanted into the ground.

Material Qualities: Because of its nature as a plant pot this material is: DISSOVLABLE + meant to CARRY and HOLD soil and plants + SHAPED and STRUCTURED like a FRUSTOM to be able to hold the seeds and plants

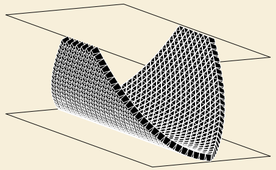


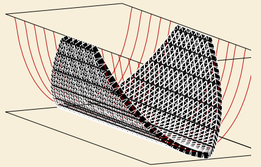


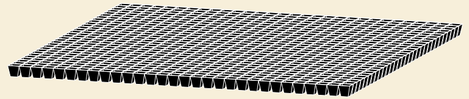


ASSEMBLY PROCESS:
AGGREGATION + REDUCTION + STRUCTURE

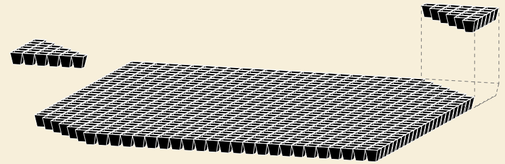
Antonio Gaudi
Upside-down force model that uses weights to determine the pillars for the crpty of the Church of Colonia Guell.



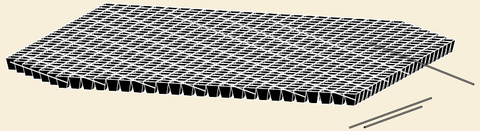




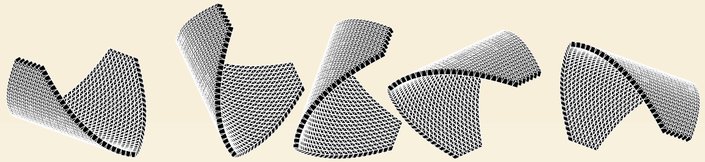
Upon creating individual units from the frustom planers, connect them to one another using plastic zip ties.



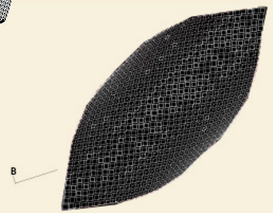
Once we had a large enough field, we cut of two corners on opposite ends to allow us to use Gaudi's hanging method.

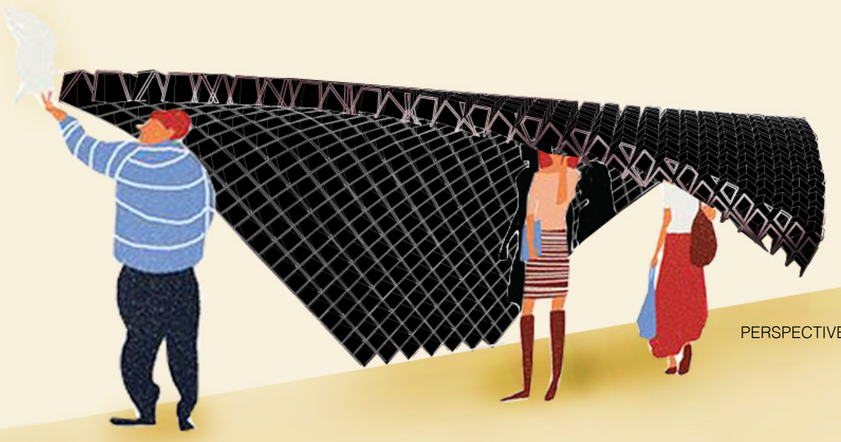


Prior to hanging the surface of planters, however, we inserted wooden dowels diagonally along the entire bed of frustoms - thus providing structural support.

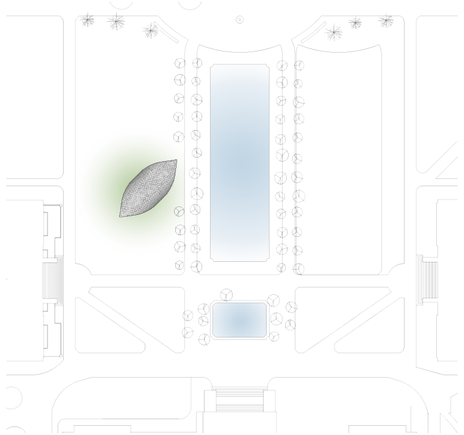


Once we establish our unit connections, structural system, and hanging method, we were able to remove the ties and rotate the enclosure to it's original upright position.



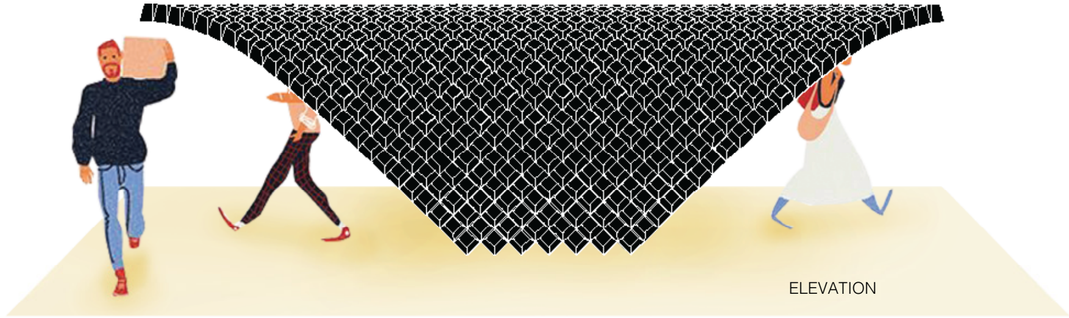


PERSPECTIVE SECTION



SITE PLAN

CONCEPT RENDER



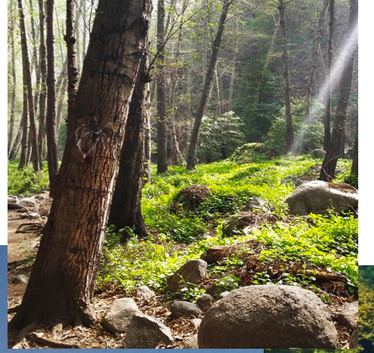
ELEVATION

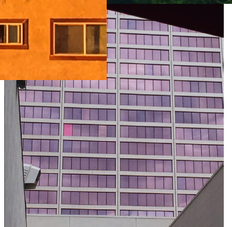
PERSONAL WORK

SENSES (LEFT)
ACRYLIC PAINT
ON CANVAS
PERSONAL (2014)

PIER PLAY (RIGHT)
DIGITAL COLLAGE:
PHOTOSHOP + LIGHTROOM
PERSONAL (2016)

COLOR + TEXTURE STUDY
IPHONE | DSLR CAMERAS
PERSONAL (2013 - PRESENT)





VEGETABLE / LIFE STUDY
VARIOUS MEDIUMS
ART 32A: 3D DESIGN (FALL 2017)

CONTAINED
HANDS: SCULPEY CLAY
CENTER PIECE: WIRE MESH + FLOWERS
ART 32A: 3D DESIGN (FALL 2017)